

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045706.D
 Acq On : 10 Nov 2021 23:04
 Operator : SY/MD
 Sample : VU1110WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 11 02:34:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.378	168	116754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	209403	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	204132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	103698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	87744	50.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.292	113	67065	47.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	7.899	98	251136	48.307	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.620%			
62) 4-Bromofluorobenzene	10.636	95	95731	45.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	26839	17.730	ug/l	99
3) Chloromethane	1.523	50	29781	17.194	ug/l	97
4) Vinyl Chloride	1.604	62	31268	18.532	ug/l	98
5) Bromomethane	1.851	94	20078	21.335	ug/l	97
6) Chloroethane	1.932	64	19713	17.903	ug/l	94
7) Trichlorofluoromethane	2.137	101	42103	18.871	ug/l	98
8) Diethyl Ether	2.379	74	16573	18.765	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.581	101	24741	18.991	ug/l	98
10) Methyl Iodide	2.723	142	24362	14.290	ug/l	93
11) Tert butyl alcohol	3.179	59	36661	105.929	ug/l	100
12) 1,1-Dichloroethene	2.581	96	23468	18.270	ug/l	99
13) Acrolein	2.485	56	4575	91.221	ug/l	98
14) Allyl chloride	2.925	41	42364	18.471	ug/l	96
15) Acrylonitrile	3.314	53	92880	100.517	ug/l	99
16) Acetone	2.626	43	74605	83.818	ug/l	98
17) Carbon Disulfide	2.793	76	59940	16.660	ug/l	99
18) Methyl Acetate	2.948	43	60715	20.027	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	89798	19.421	ug/l	97
20) Methylene Chloride	3.047	84	29536	19.097	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	26171	19.584	ug/l	96
22) Diisopropyl ether	3.996	45	89271	19.823	ug/l	99
23) Vinyl Acetate	3.957	43	339614	98.051	ug/l	100
24) 1,1-Dichloroethane	3.874	63	52303	19.490	ug/l	99
25) 2-Butanone	4.703	43	120998	98.013	ug/l	100
26) 2,2-Dichloropropane	4.671	77	36538	16.430	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	30951	19.720	ug/l	98
28) Bromochloromethane	4.977	49	25248	19.734	ug/l	98
29) Tetrahydrofuran	5.051	42	75850	100.446	ug/l	98
30) Chloroform	5.092	83	52652	19.838	ug/l	99
31) Cyclohexane	5.391	56	45953	18.012	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	43731	19.321	ug/l	98
36) 1,1-Dichloropropene	5.530	75	37228	18.233	ug/l	99
37) Ethyl Acetate	4.803	43	45832	19.541	ug/l	99
38) Carbon Tetrachloride	5.530	117	37929	18.425	ug/l	99
39) Methylcyclohexane	6.764	83	42521	16.975	ug/l	94
40) Benzene	5.777	78	111332	18.417	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	24869	20.064	ug/l	99
42) 1,2-Dichloroethane	5.796	62	42034	19.250	ug/l	99
43) Isopropyl Acetate	5.912	43	67708	18.873	ug/l	99
44) Trichloroethene	6.546	130	28644	19.795	ug/l	96
45) 1,2-Dichloropropane	6.793	63	30659	19.167	ug/l	100
46) Dibromomethane	6.922	93	21268	19.190	ug/l	99
47) Bromodichloromethane	7.108	83	41079	19.534	ug/l	97
48) Methyl methacrylate	6.960	41	31178	18.882	ug/l	97
49) 1,4-Dioxane	6.964	88	16557	389.908	ug/l #	99
51) 4-Methyl-2-Pentanone	7.793	43	231346	97.757	ug/l	100
52) Toluene	7.970	92	72592	19.614	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	42497	17.584	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	46946	18.288	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	30409	19.825	ug/l	97
56) Ethyl methacrylate	8.337	69	45406	18.128	ug/l	96
57) 1,3-Dichloropropane	8.578	76	53192	19.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	100827	71.401	ug/l	99
59) 2-Hexanone	8.684	43	178979	91.832	ug/l	98
60) Dibromochloromethane	8.812	129	30428	19.051	ug/l	100
61) 1,2-Dibromoethane	8.925	107	31370	19.069	ug/l	98
64) Tetrachloroethene	8.555	164	24612	21.007	ug/l	98
65) Chlorobenzene	9.449	112	74325	18.536	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	26197	18.319	ug/l	97
67) Ethyl Benzene	9.571	91	134564	18.740	ug/l	99
68) m/p-Xylenes	9.697	106	103506	38.222	ug/l	99
69) o-Xylene	10.102	106	50213	19.072	ug/l	99
70) Styrene	10.115	104	84023	18.864	ug/l	99
71) Bromoform	10.291	173	21885	18.257	ug/l #	99
73) Isopropylbenzene	10.488	105	131627	19.427	ug/l	100
74) N-amyl acetate	10.320	43	53296	17.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	52054	19.391	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	41609m	13.231	ug/l	
77) Bromobenzene	10.783	156	32420	19.708	ug/l	95
78) n-propylbenzene	10.909	91	160821	19.071	ug/l	100
79) 2-Chlorotoluene	10.989	91	95519	19.172	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	114526	19.346	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.549	75	13403	16.119	ug/l	98
82) 4-Chlorotoluene	11.099	91	111545	19.091	ug/l	98
83) tert-Butylbenzene	11.423	119	107044	18.969	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	113030	19.211	ug/l	100
85) sec-Butylbenzene	11.645	105	142599	19.053	ug/l	100
86) p-Isopropyltoluene	11.796	119	117627	18.808	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	60792	18.315	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	62201	18.529	ug/l	98
89) n-Butylbenzene	12.211	91	105100	17.445	ug/l	99
90) Hexachloroethane	12.478	117	18510	16.406	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	61036	18.901	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	11400	17.998	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	39359	17.628	ug/l	99
94) Hexachlorobutadiene	14.024	225	15759	16.351	ug/l	95
95) Naphthalene	14.089	128	141142	17.497	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	41408	18.671	ug/l	98

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ClientSampleId :
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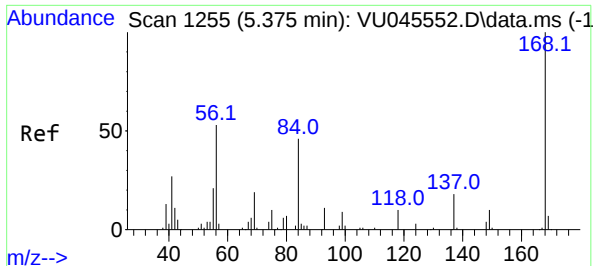
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/15/2021

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

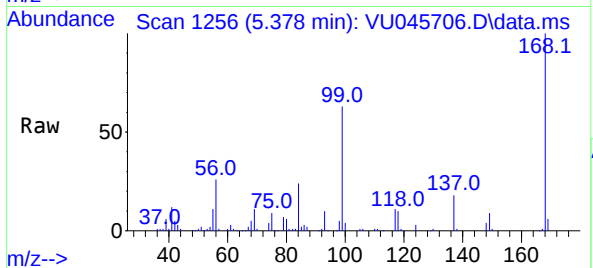
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045706.D
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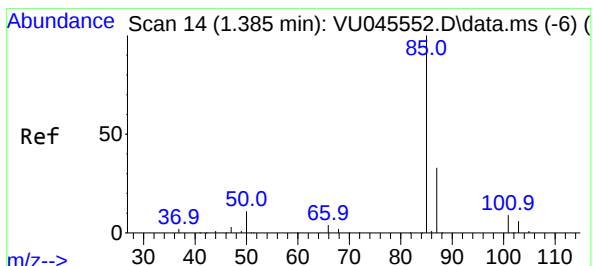
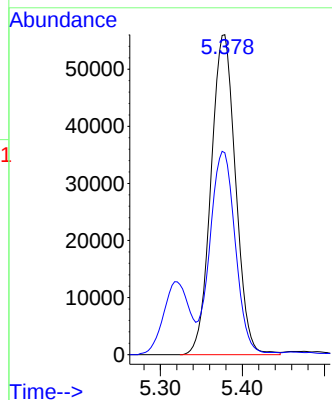
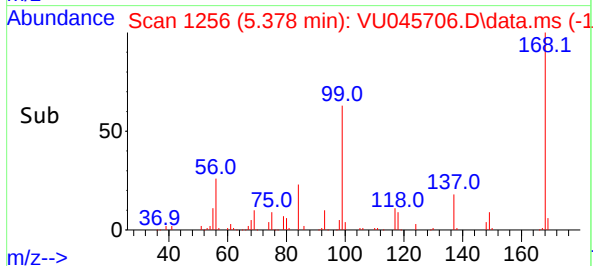
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



Tgt Ion:168 Resp: 116754
Ion Ratio Lower Upper
168 100
99 62.5 51.0 76.6

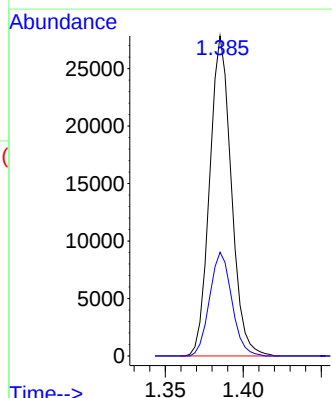
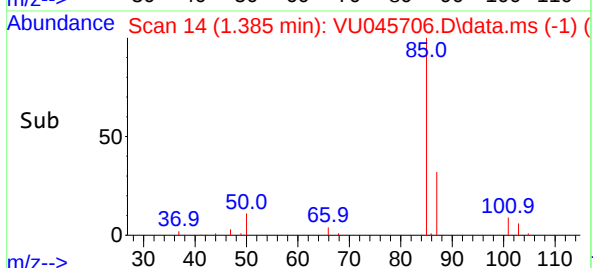
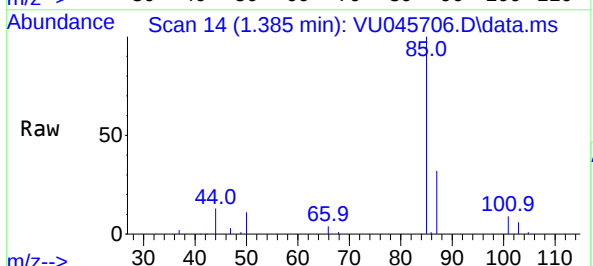
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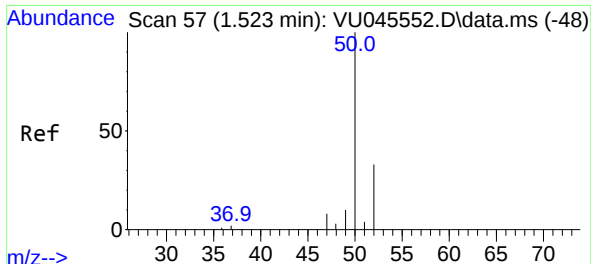
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#2
Dichlorodifluoromethane
Concen: 17.730 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion: 85 Resp: 26839
Ion Ratio Lower Upper
85 100
87 32.4 15.9 47.7





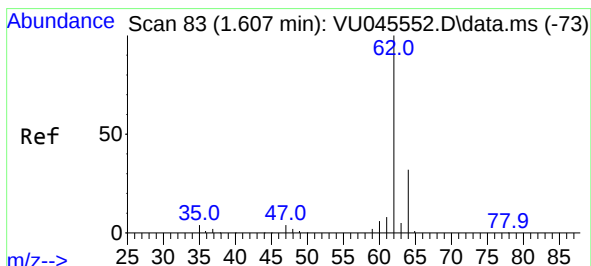
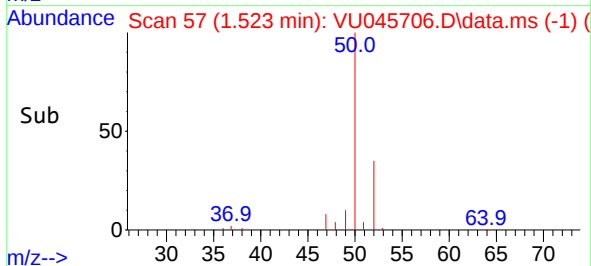
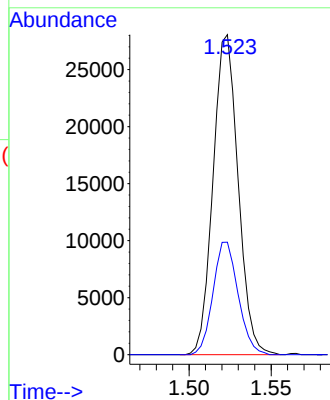
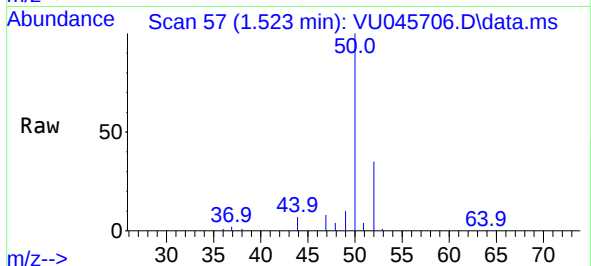
#3
Chloromethane
Concen: 17.194 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
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ClientSampleId :
VU1110WBSD02

Tgt Ion: 50 Resp: 2978
Ion Ratio Lower Upper
50 100
52 35.2 26.6 40.0

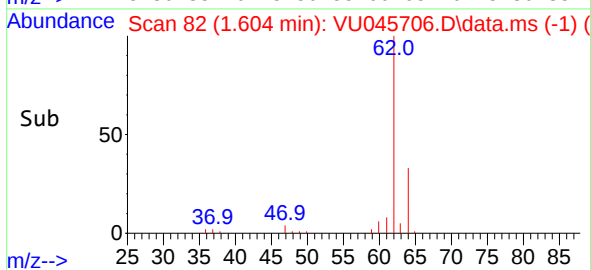
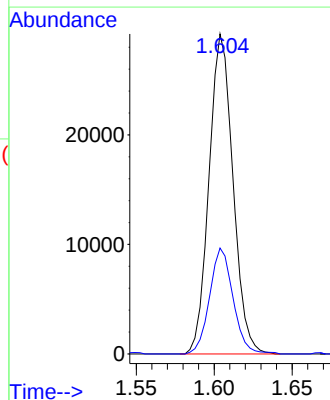
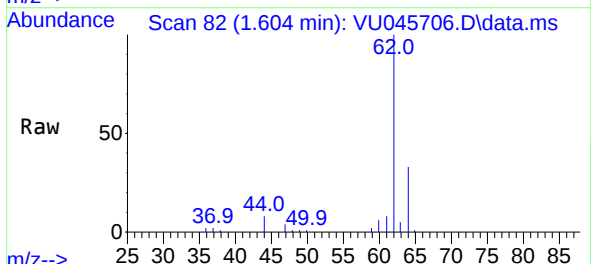
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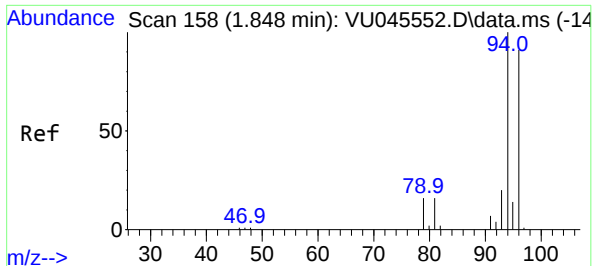
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#4
Vinyl Chloride
Concen: 18.532 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

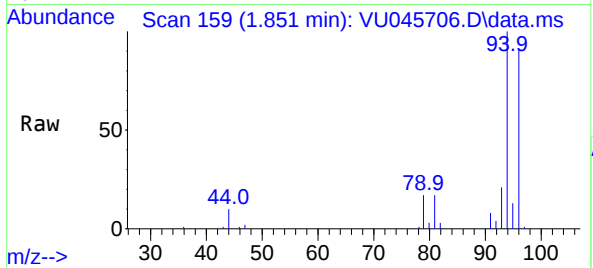
Tgt Ion: 62 Resp: 31268
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.6





#5
Bromomethane
Concen: 21.335 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

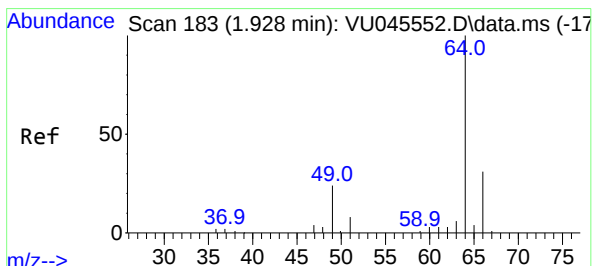
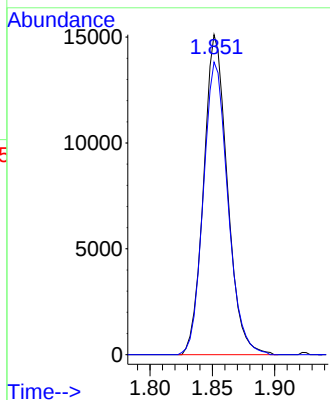
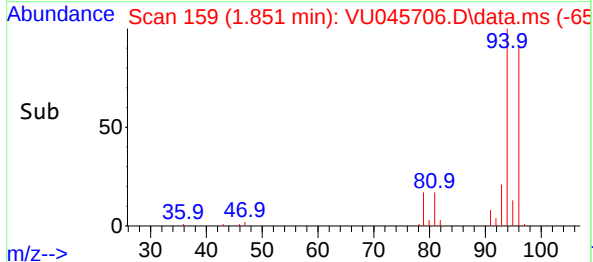
Instrument :
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Tgt Ion: 94 Resp: 20078
Ion Ratio Lower Upper
94 100
96 91.4 75.4 113.2

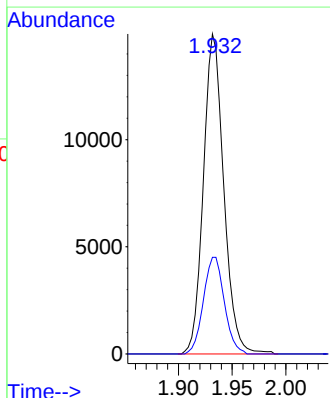
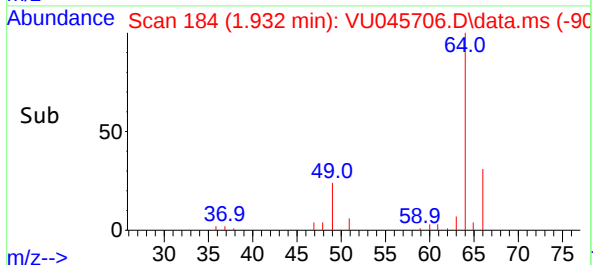
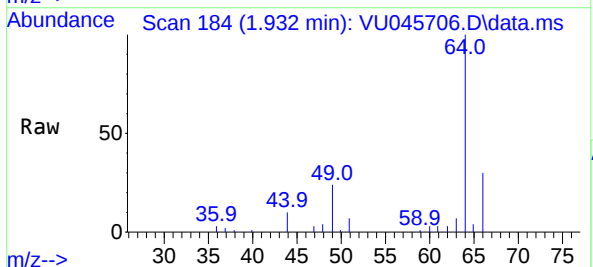
Manual Integrations
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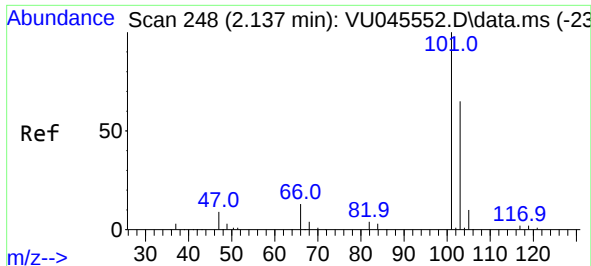
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#6
Chloroethane
Concen: 17.903 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion: 64 Resp: 19713
Ion Ratio Lower Upper
64 100
66 30.2 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 18.871 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU045706.D
 Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

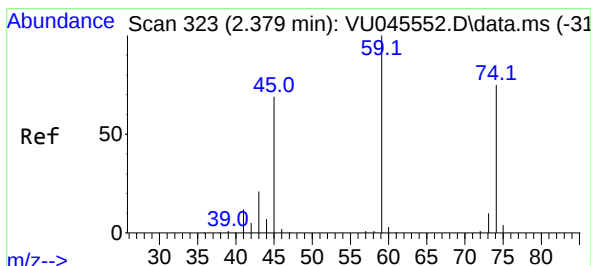
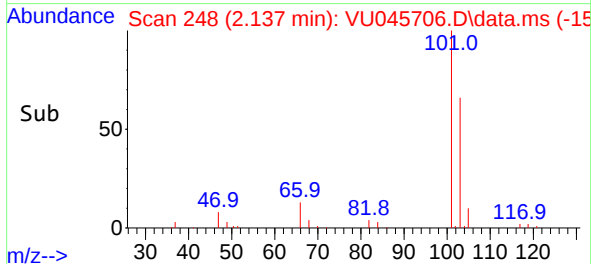
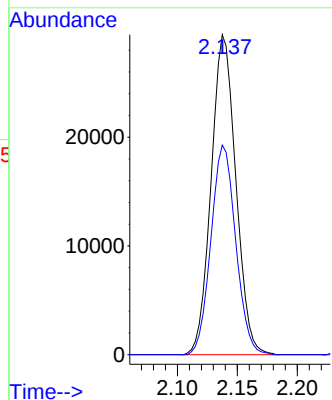
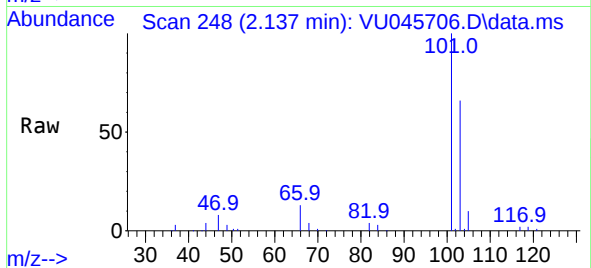
VU1110WBSD02

Tgt Ion:101 Resp: 4210
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.0

Manual Integrations

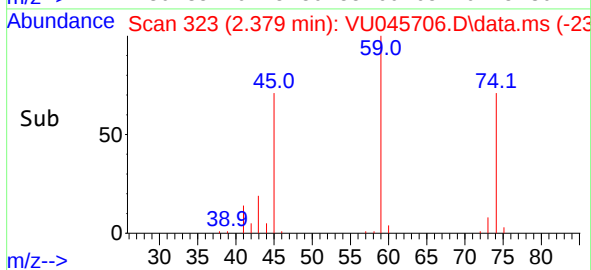
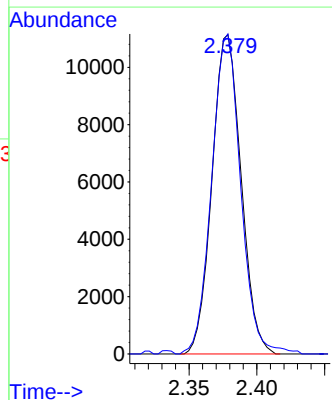
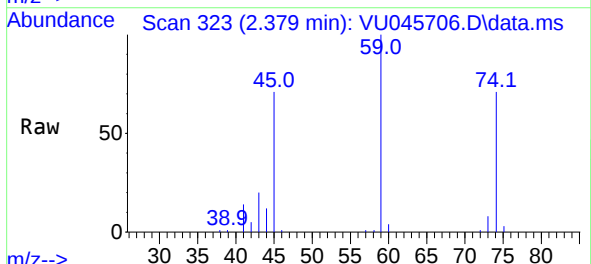
APPROVED

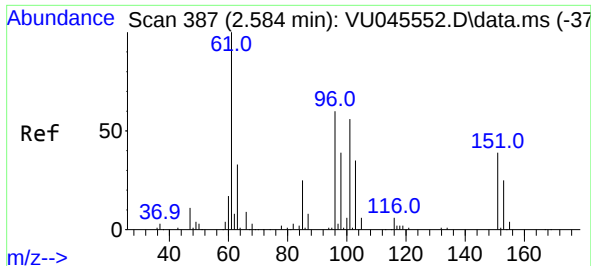
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#8
 Diethyl Ether
 Concen: 18.765 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045706.D
 Acq: 10 Nov 2021 23:04

Tgt Ion: 74 Resp: 16573
 Ion Ratio Lower Upper
 74 100
 45 100.3 47.3 141.8





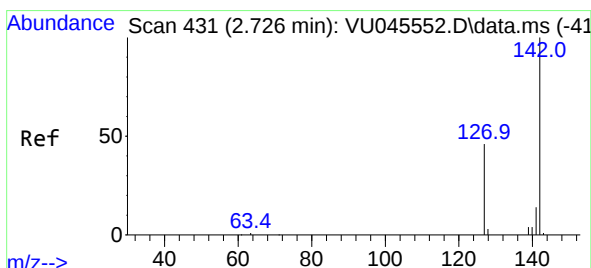
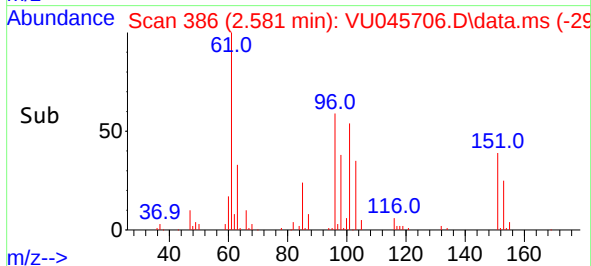
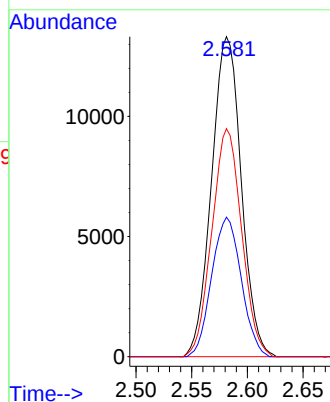
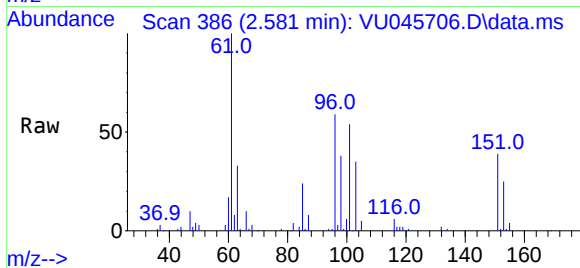
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.991 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion:101 Resp: 2474
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 71.2 54.6 82.0

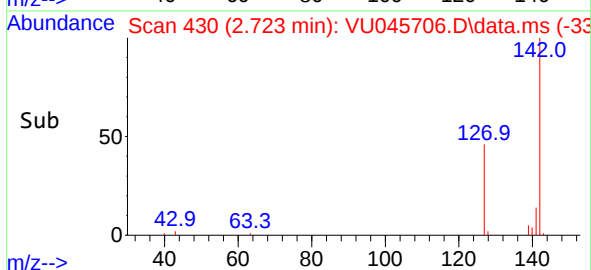
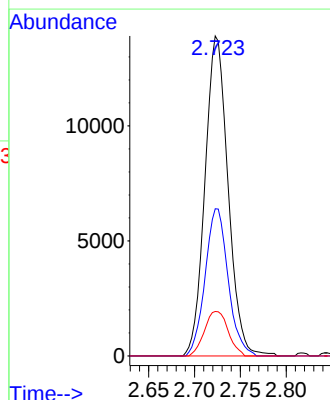
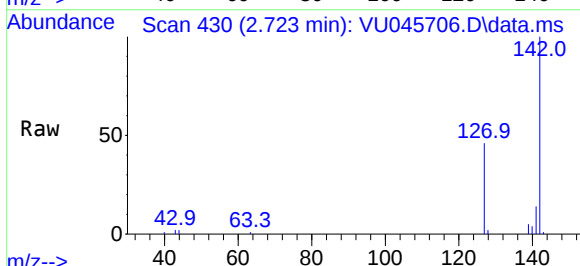
Manual Integrations
APPROVED

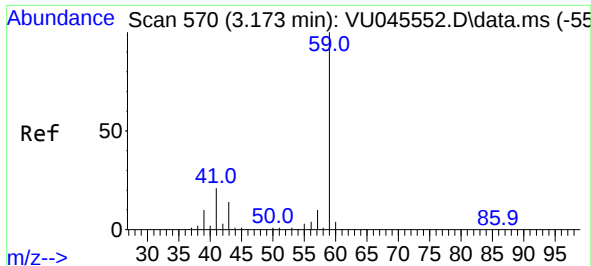
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 14.290 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

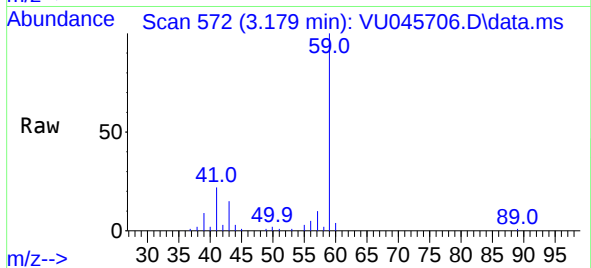
Tgt Ion:142 Resp: 24362
Ion Ratio Lower Upper
142 100
127 45.8 32.2 48.2
141 14.3 11.3 16.9





#11
Tert butyl alcohol
Concen: 105.929 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

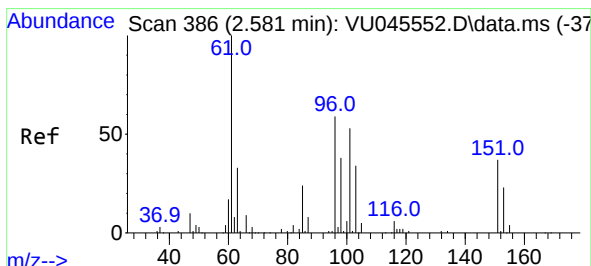
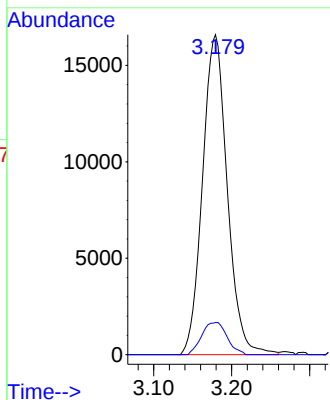
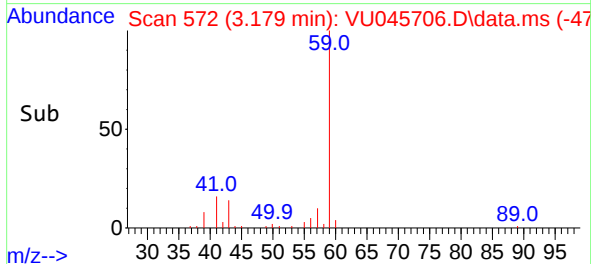
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



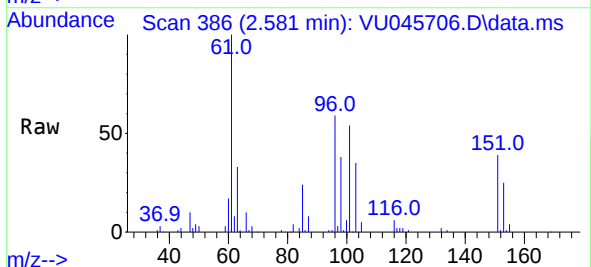
Tgt Ion: 59 Resp: 3666
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

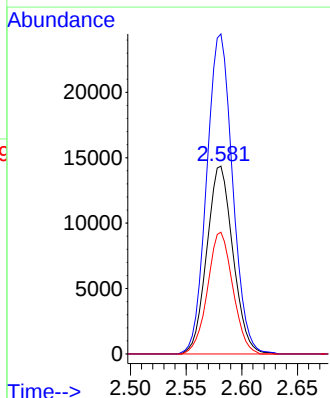
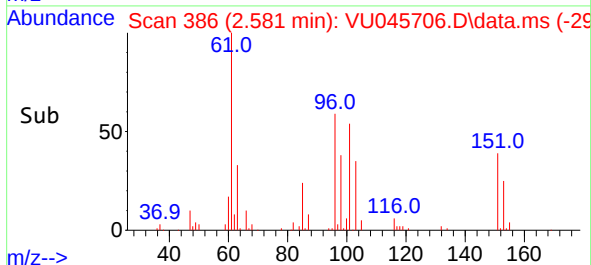
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

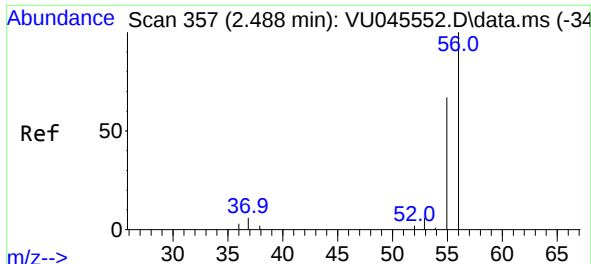


#12
1,1-Dichloroethene
Concen: 18.270 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion: 96 Resp: 23468
Ion Ratio Lower Upper
96 100
61 170.4 137.1 205.7
98 64.8 51.5 77.3





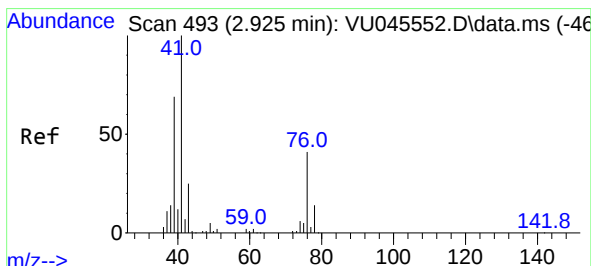
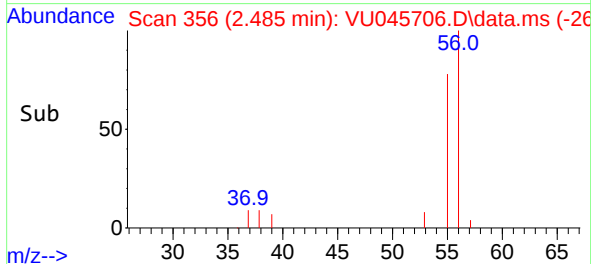
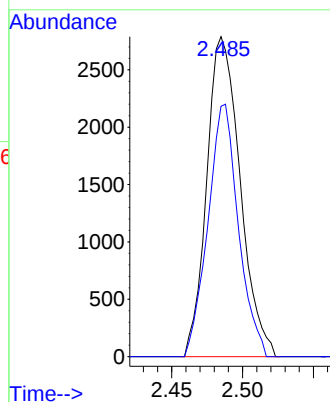
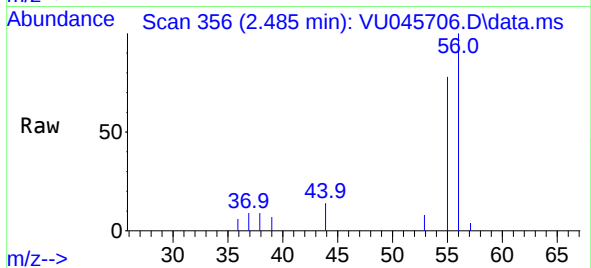
#13
Acrolein
Concen: 91.221 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion: 56 Resp: 4579
Ion Ratio Lower Upper
56 100
55 71.8 56.3 84.5

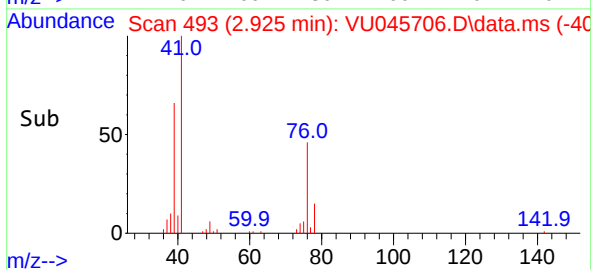
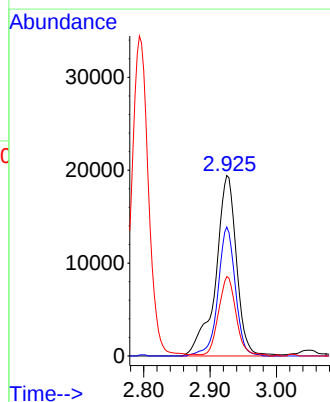
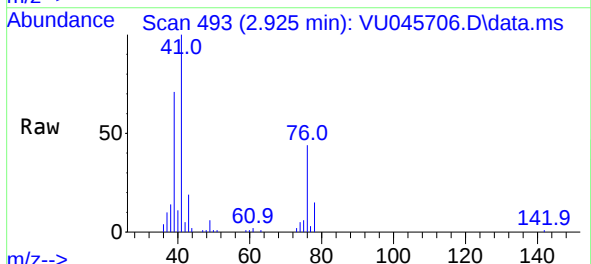
Manual Integrations
APPROVED

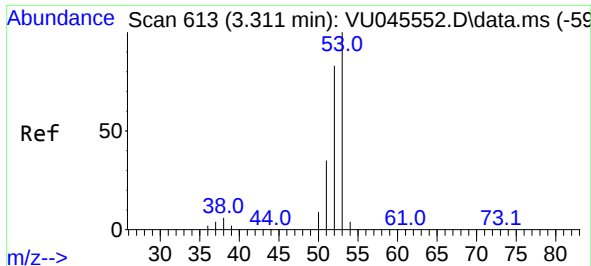
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#14
Allyl chloride
Concen: 18.471 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

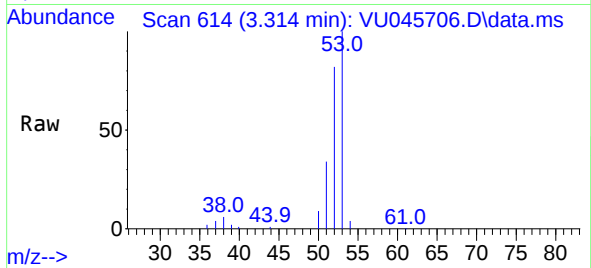
Tgt Ion: 41 Resp: 42364
Ion Ratio Lower Upper
41 100
39 59.4 49.7 74.5
76 37.4 27.7 41.5





#15
Acrylonitrile
Concen: 100.517 ug/l
RT: 3.314 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

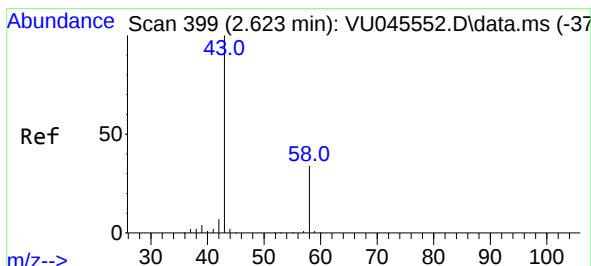
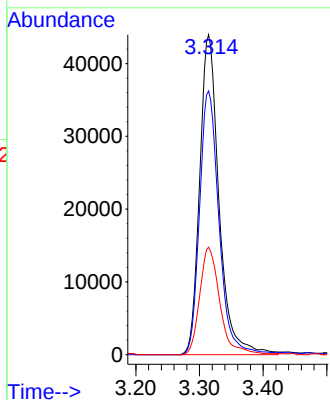
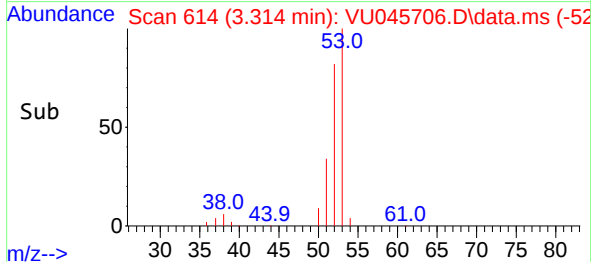
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



Tgt Ion: 53 Resp: 92880
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 34.9 28.4 42.6

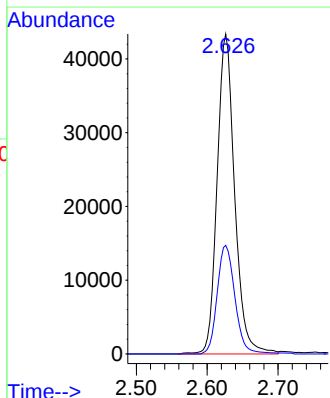
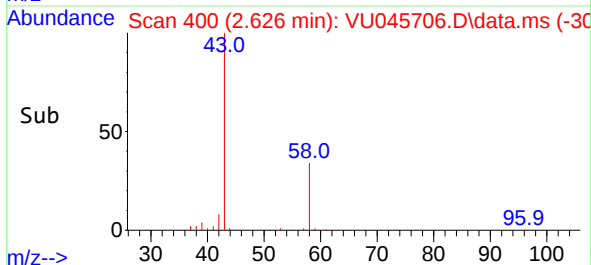
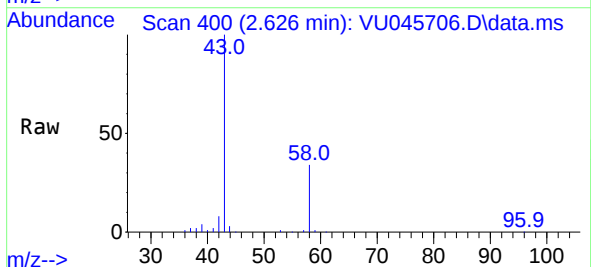
Manual Integrations
APPROVED

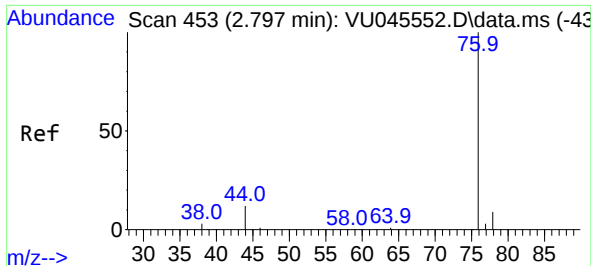
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 83.818 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion: 43 Resp: 74605
Ion Ratio Lower Upper
43 100
58 34.0 26.2 39.2





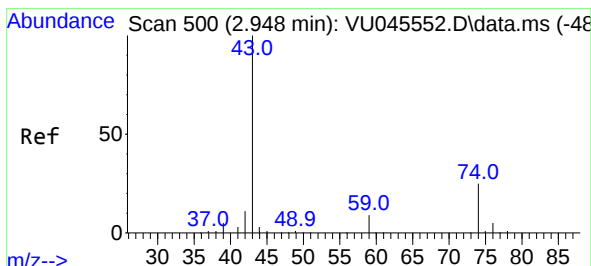
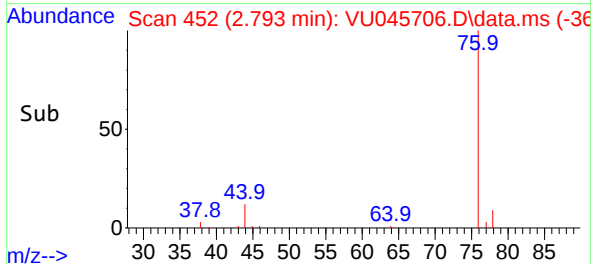
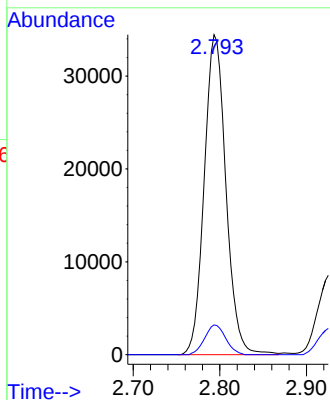
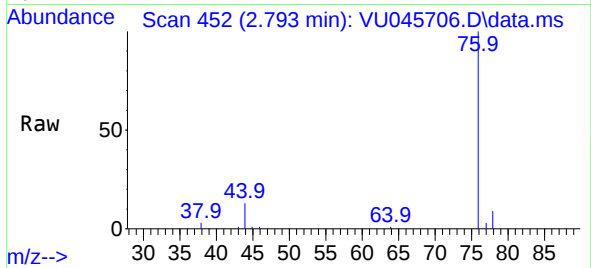
#17
Carbon Disulfide
Concen: 16.660 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion: 76 Resp: 59940
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

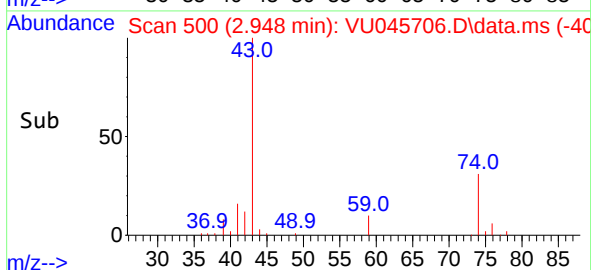
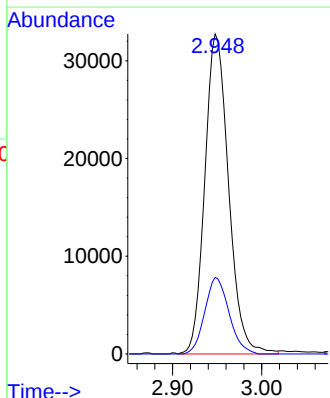
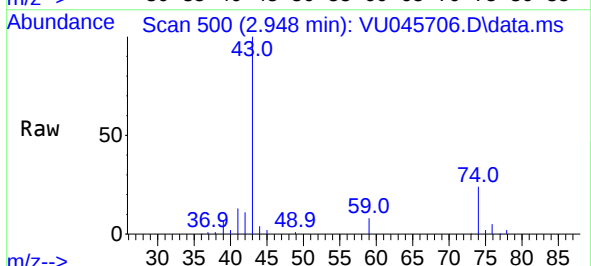
Manual Integrations
APPROVED

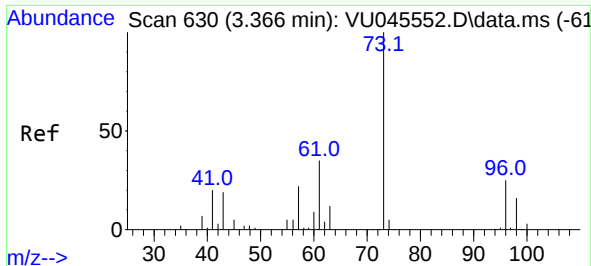
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 20.027 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

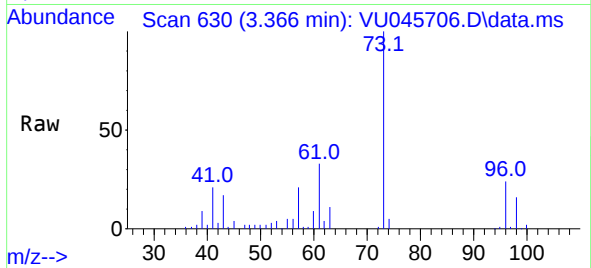
Tgt Ion: 43 Resp: 60715
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 19.421 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

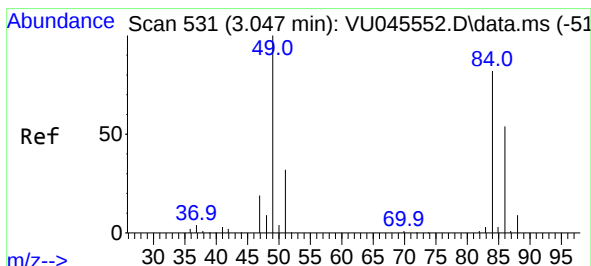
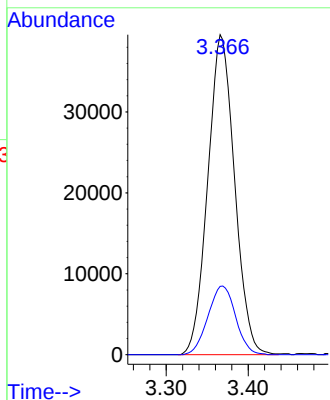
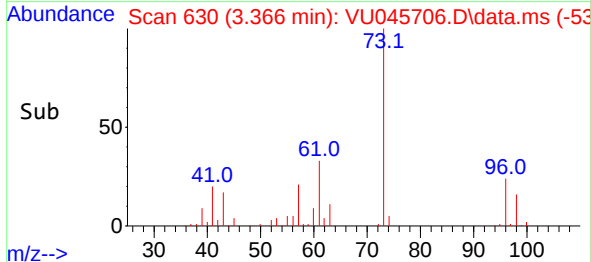
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



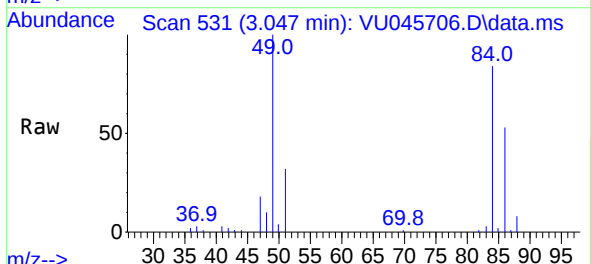
Tgt Ion: 73 Resp: 89798
Ion Ratio Lower Upper
73 100
57 21.3 18.1 27.1

Manual Integrations
APPROVED

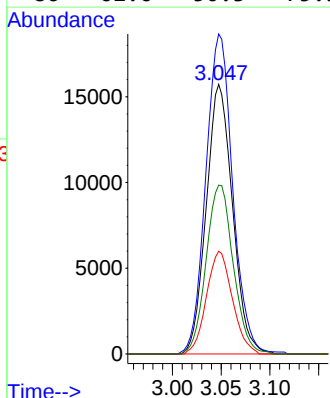
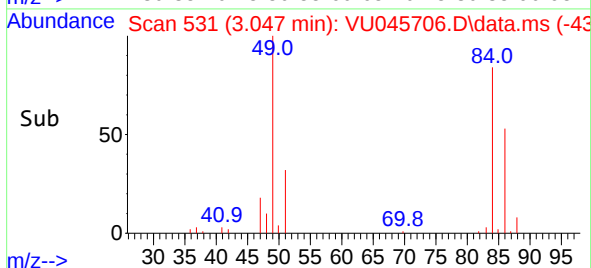
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

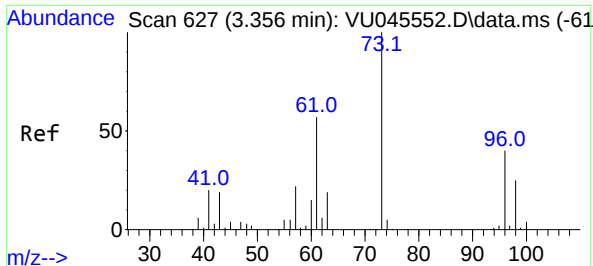


#20
Methylene Chloride
Concen: 19.097 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



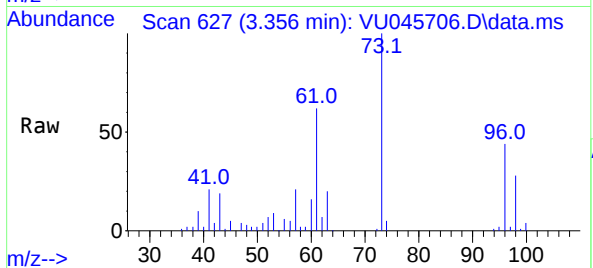
Tgt Ion: 84 Resp: 29536
Ion Ratio Lower Upper
84 100
49 118.7 96.4 144.6
51 38.1 30.5 45.7
86 62.6 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 19.584 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

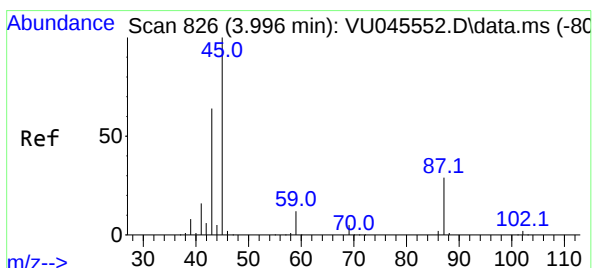
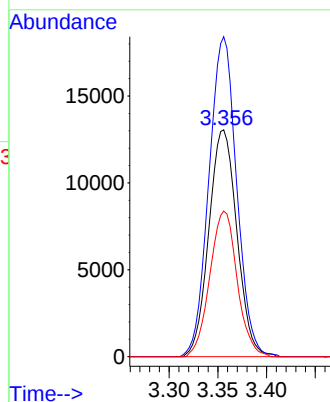
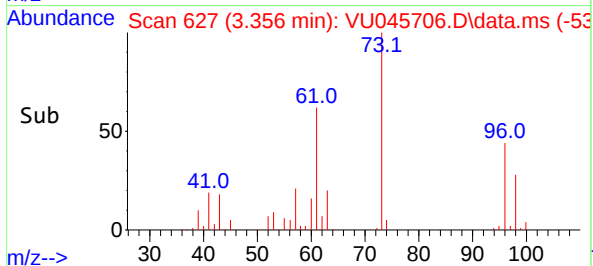
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



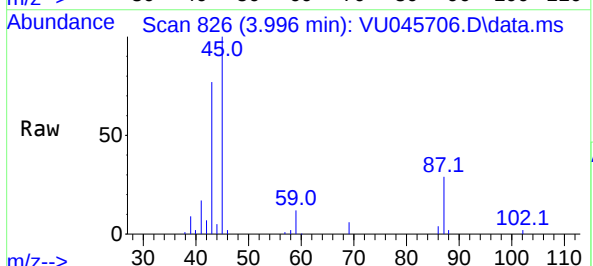
Tgt Ion: 96 Resp: 2617
Ion Ratio Lower Upper
96 100
61 141.1 118.2 177.4
98 64.2 52.1 78.1

Manual Integrations
APPROVED

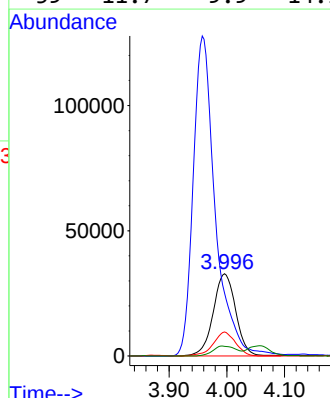
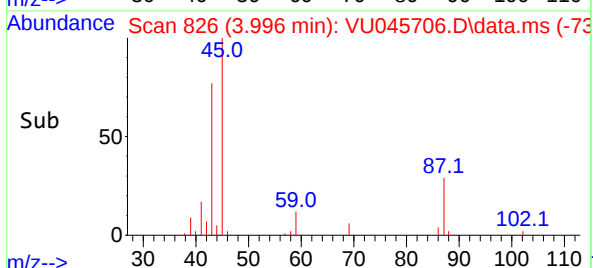
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

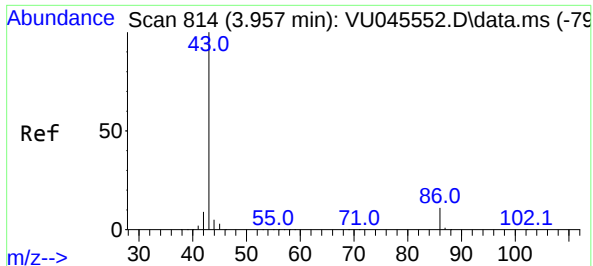


#22
Diisopropyl ether
Concen: 19.823 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



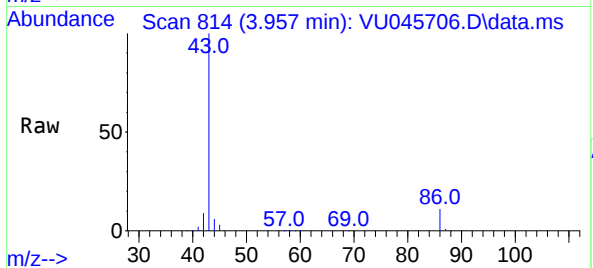
Tgt Ion: 45 Resp: 89271
Ion Ratio Lower Upper
45 100
43 74.4 60.0 90.0
87 29.1 22.3 33.5
59 11.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 98.051 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045706.D
 Acq: 10 Nov 2021 23:04

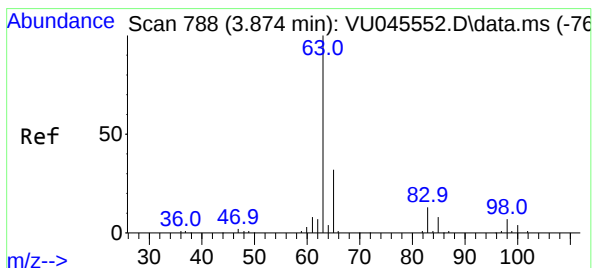
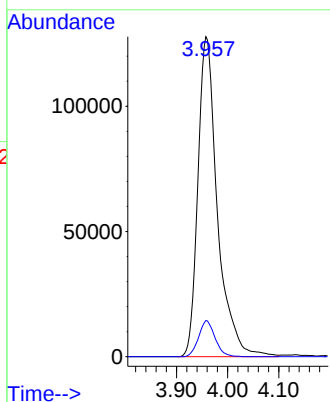
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110WBSD02



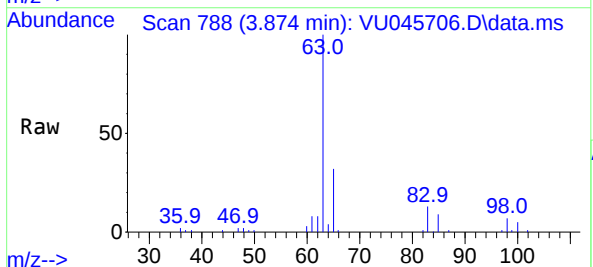
Tgt Ion: 43 Resp: 339614
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

Manual Integrations
 APPROVED

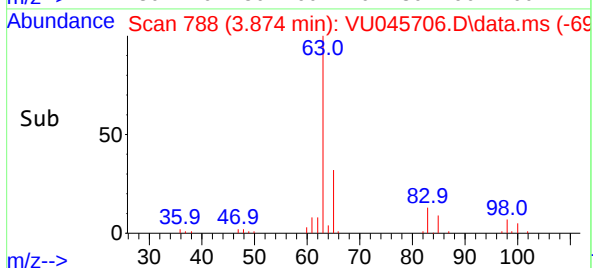
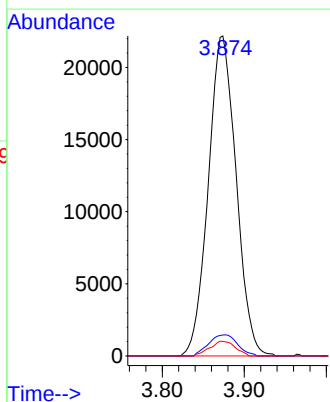
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021

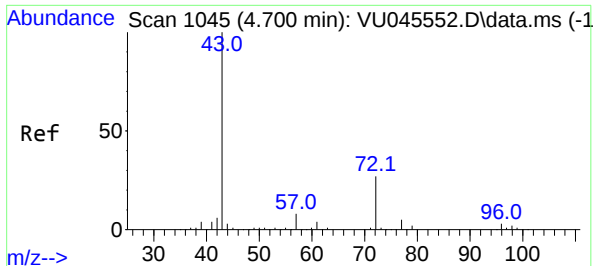


#24
 1,1-Dichloroethane
 Concen: 19.490 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045706.D
 Acq: 10 Nov 2021 23:04



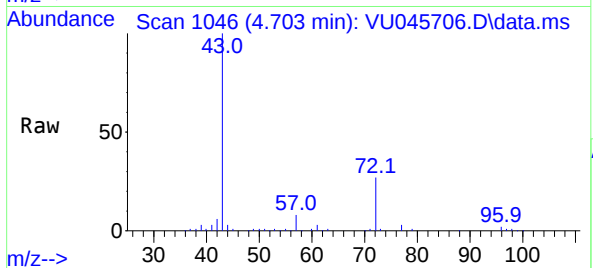
Tgt Ion: 63 Resp: 52303
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 98.013 ug/l
RT: 4.703 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

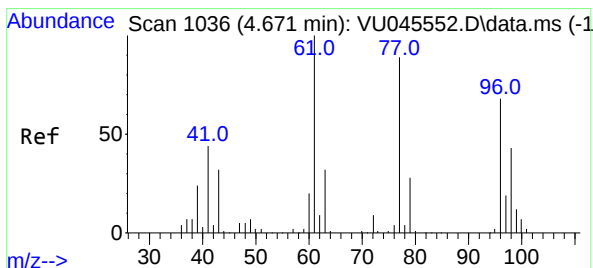
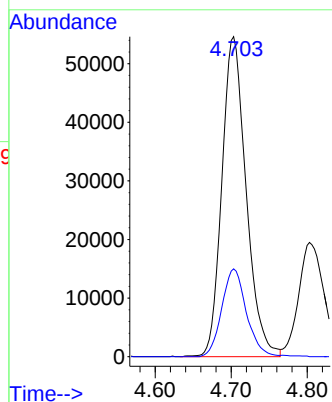
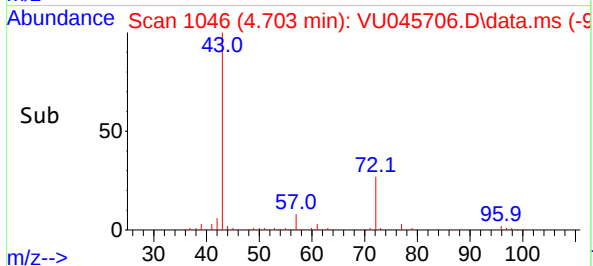
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



Tgt Ion: 43 Resp: 120998
Ion Ratio Lower Upper
43 100
72 27.4 22.0 33.0

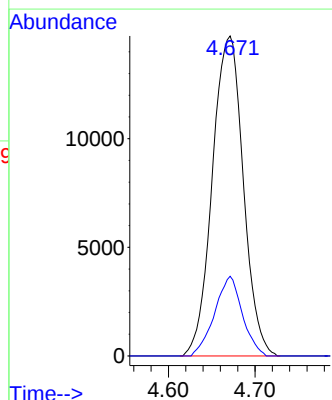
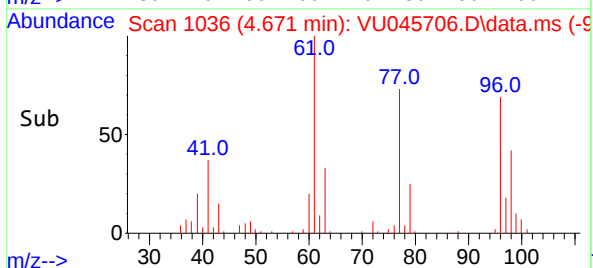
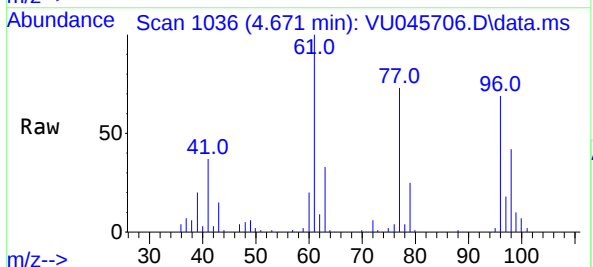
Manual Integrations
APPROVED

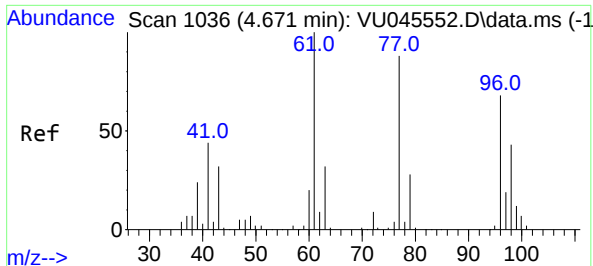
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#26
2,2-Dichloropropane
Concen: 16.430 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion: 77 Resp: 36538
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





cis-1,2-Dichloroethene
Concen: 19.720 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

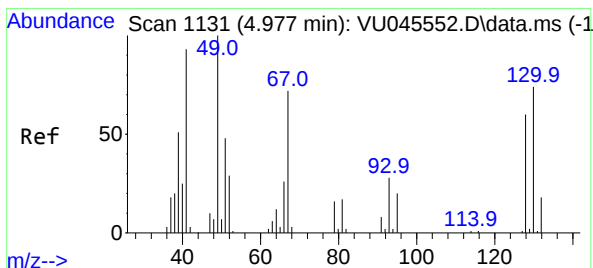
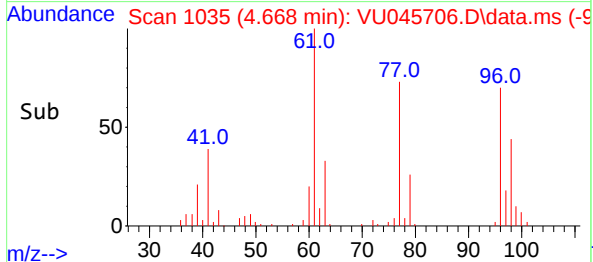
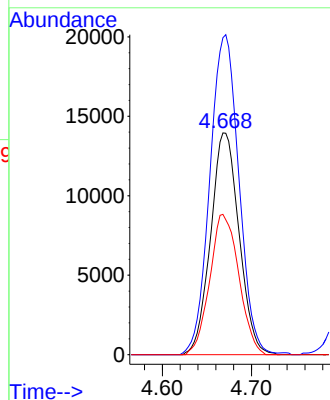
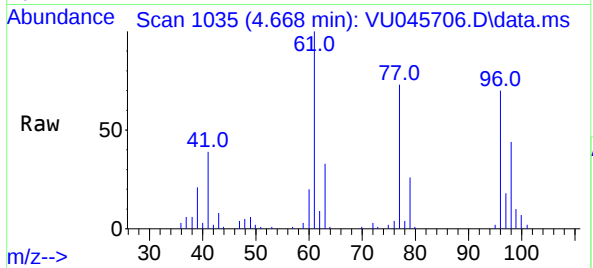
ClientSampleId :

VU1110WBSD02

Tgt Ion: 96 Resp: 3095
Ion Ratio Lower Upper
96 100
61 147.1 0.0 299.2
98 64.5 0.0 127.6

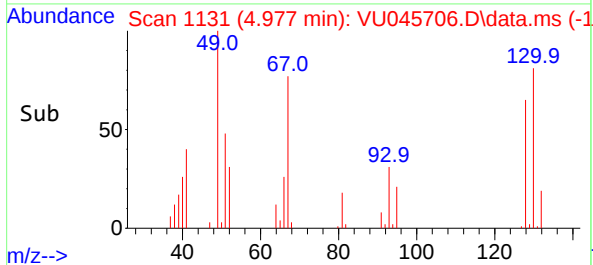
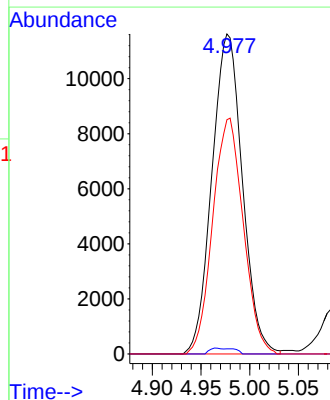
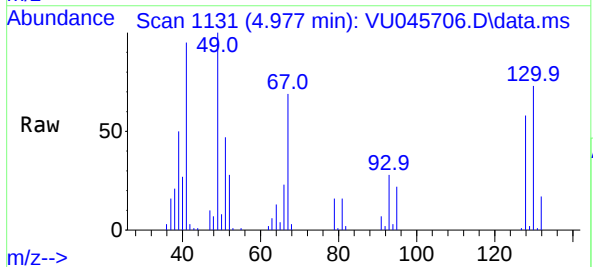
Manual Integrations
APPROVED

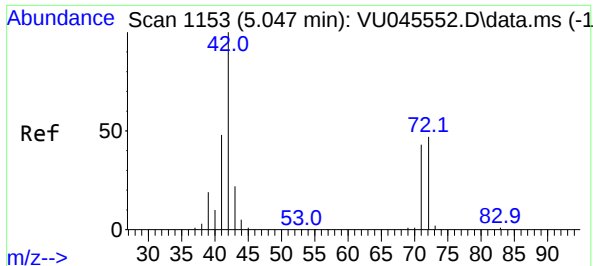
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



Bromochloromethane
Concen: 19.734 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

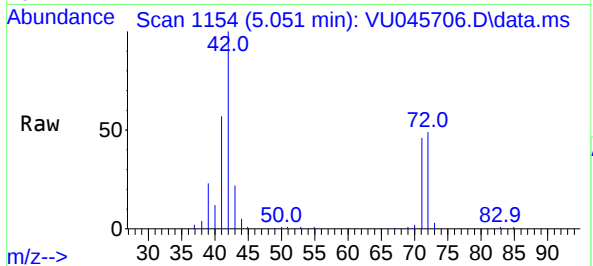
Tgt Ion: 49 Resp: 25248
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.4
130 73.8 57.5 86.3





#29
Tetrahydrofuran
Concen: 100.446 ug/l
RT: 5.051 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

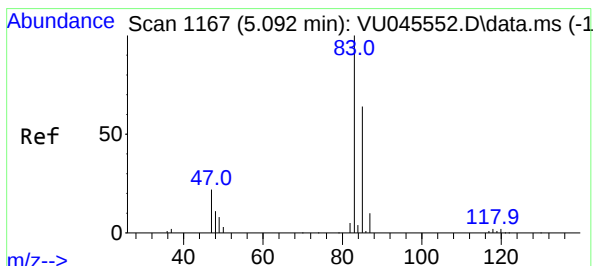
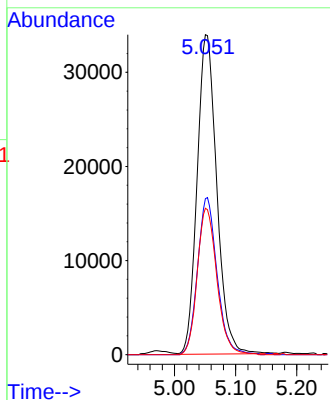
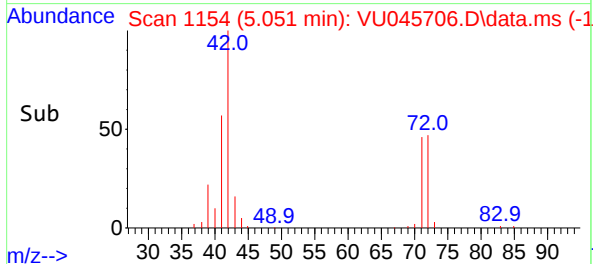
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



Tgt Ion: 42 Resp: 75850
Ion Ratio Lower Upper
42 100
72 48.8 38.2 57.4
71 45.8 35.4 53.2

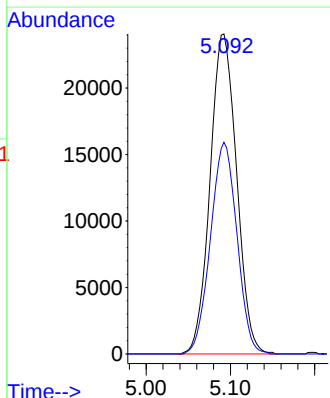
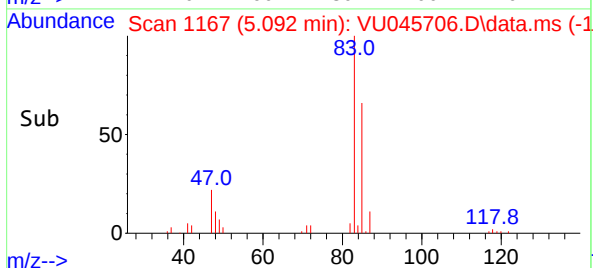
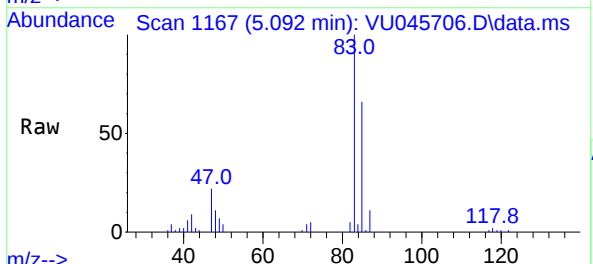
Manual Integrations
APPROVED

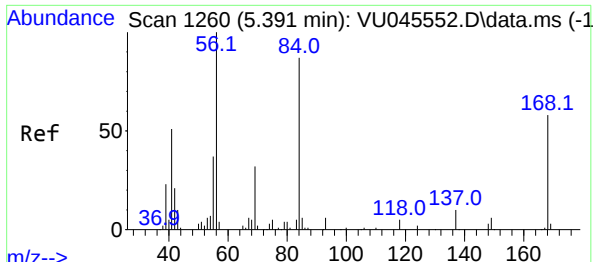
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#30
Chloroform
Concen: 19.838 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

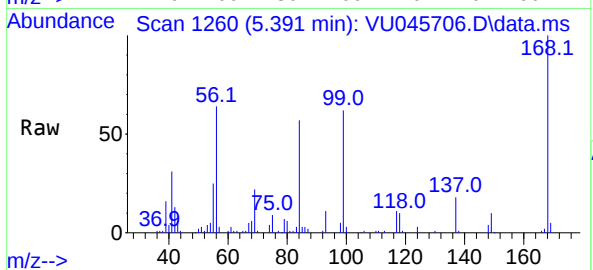
Tgt Ion: 83 Resp: 52652
Ion Ratio Lower Upper
83 100
85 66.1 52.0 78.0





#31
Cyclohexane
Concen: 18.012 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

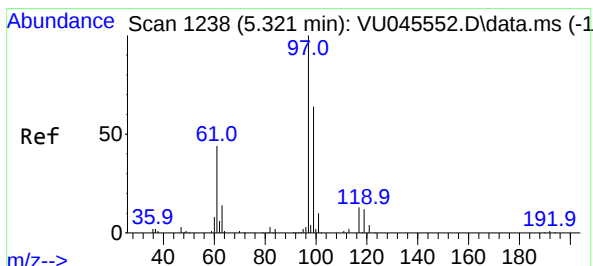
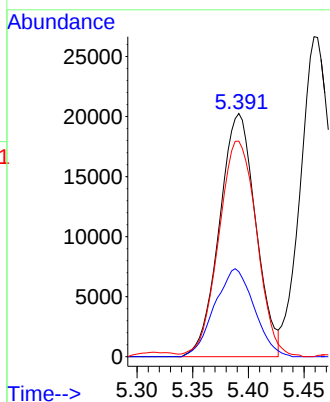
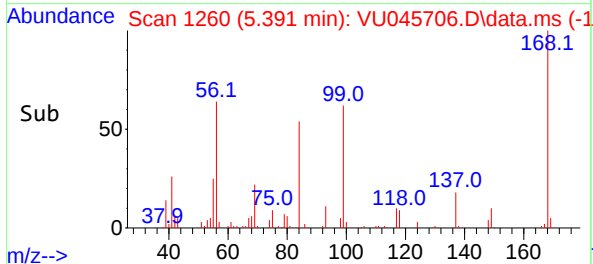
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



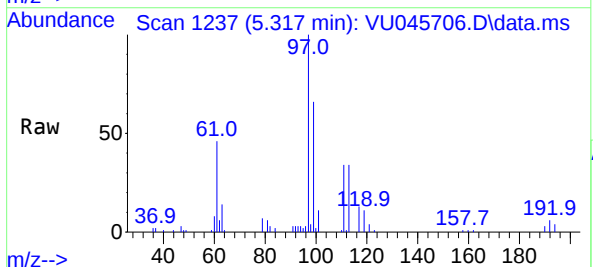
Tgt Ion: 56 Resp: 4595
Ion Ratio Lower Upper
56 100
69 35.0 26.4 39.6
84 87.6 68.4 102.6

Manual Integrations
APPROVED

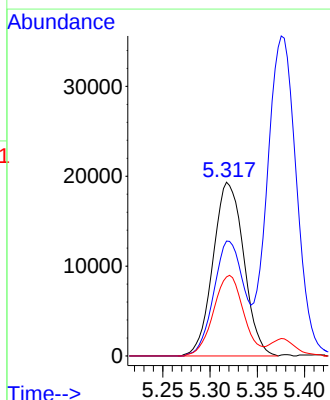
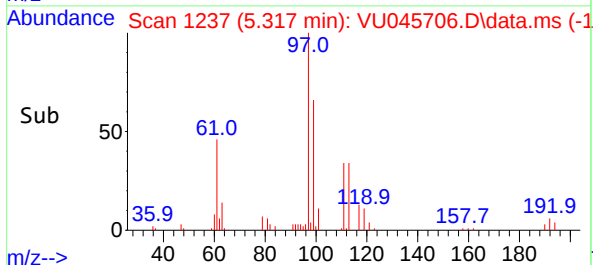
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

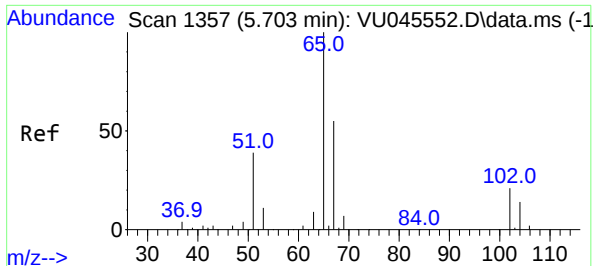


#32
1,1,1-Trichloroethane
Concen: 19.321 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion: 97 Resp: 43731
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 45.6 38.3 57.5





#33
1,2-Dichloroethane-d4
Concen: 50.182 ug/l
RT: 5.703 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

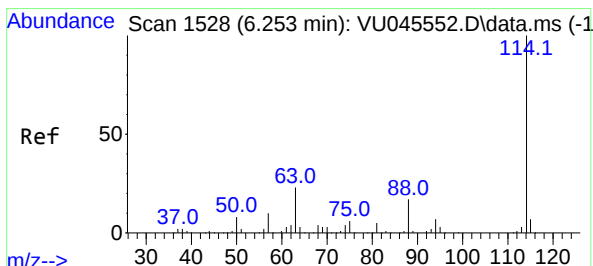
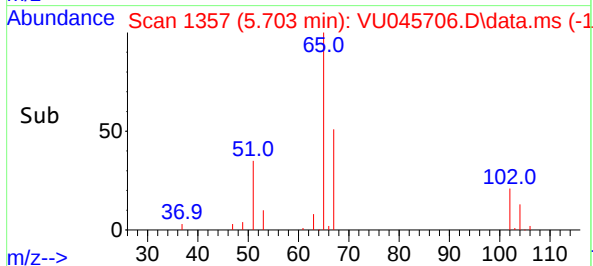
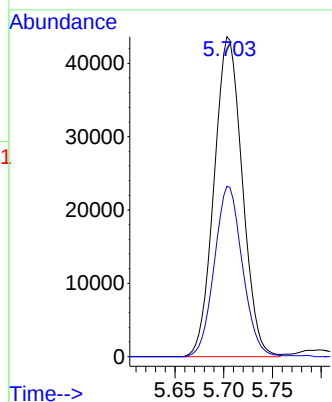
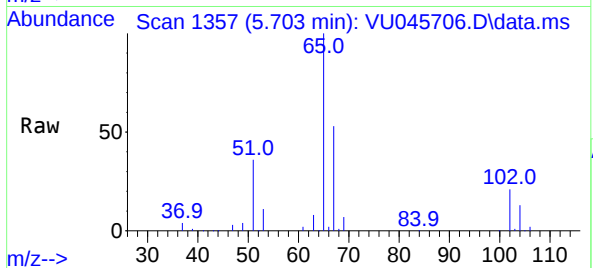
VU1110WBSD02

Tgt Ion: 65 Resp: 87744
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

Manual Integrations

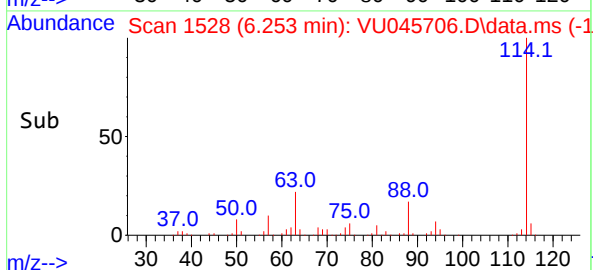
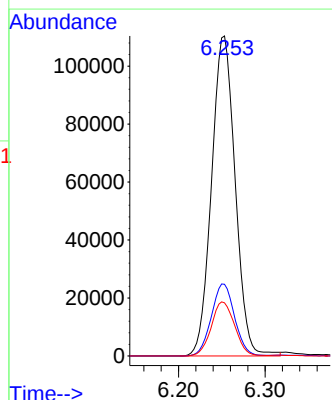
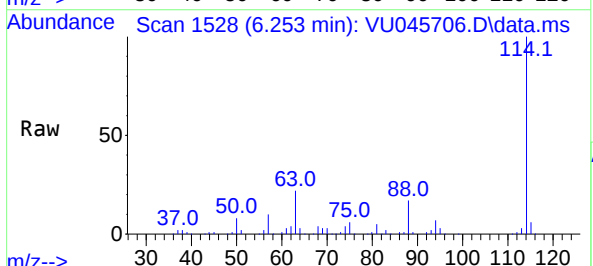
APPROVED

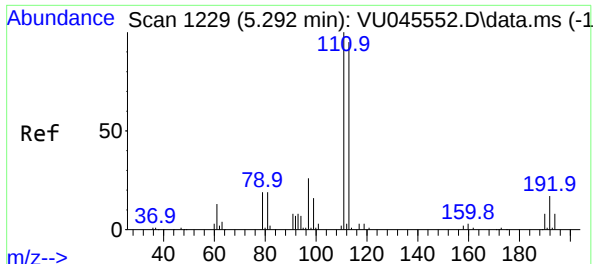
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

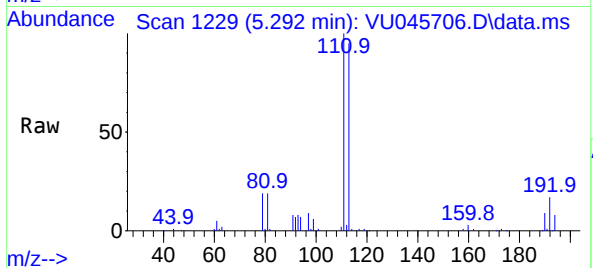
Tgt Ion:114 Resp: 209403
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.6
88 16.6 0.0 33.8





#35
Dibromofluoromethane
Concen: 47.970 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

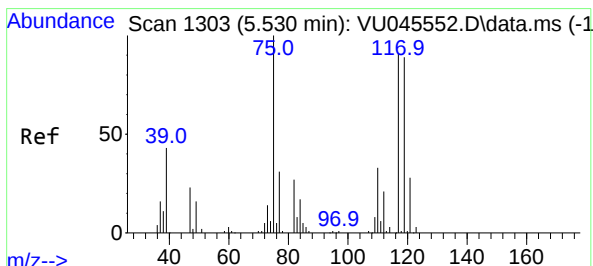
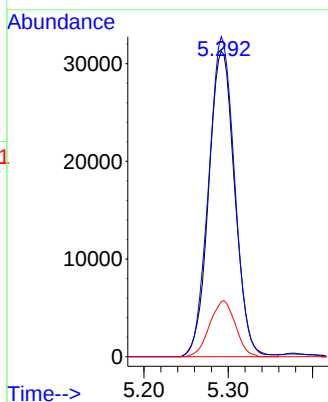
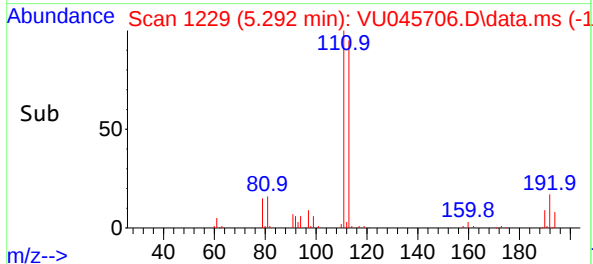
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



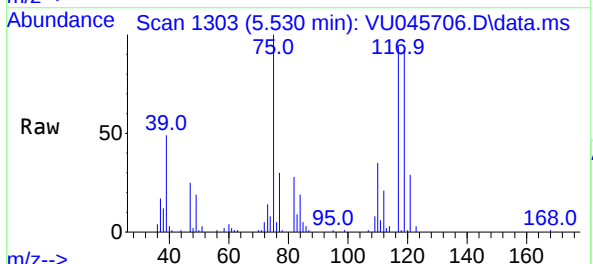
Tgt Ion:113 Resp: 6706
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 18.1 14.8 22.2

Manual Integrations
APPROVED

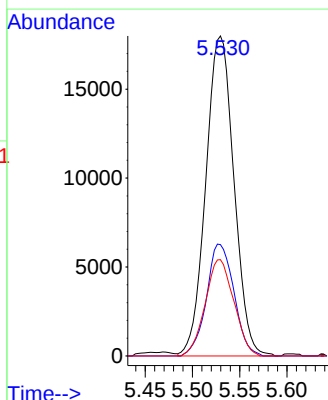
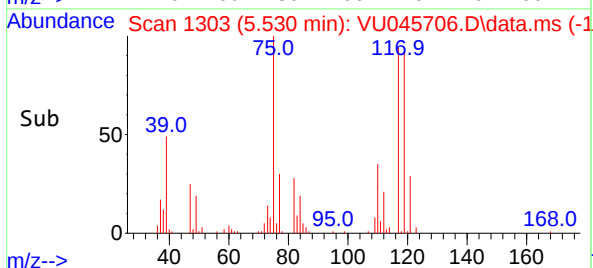
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

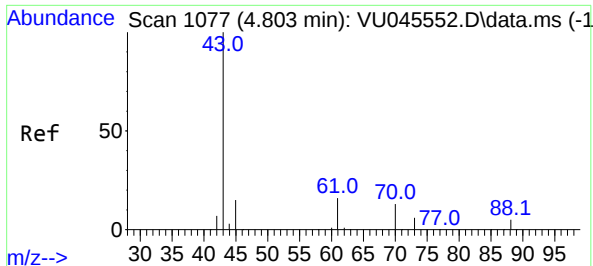


#36
1,1-Dichloropropene
Concen: 18.233 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion: 75 Resp: 37228
Ion Ratio Lower Upper
75 100
110 34.1 16.7 50.0
77 30.6 25.0 37.4





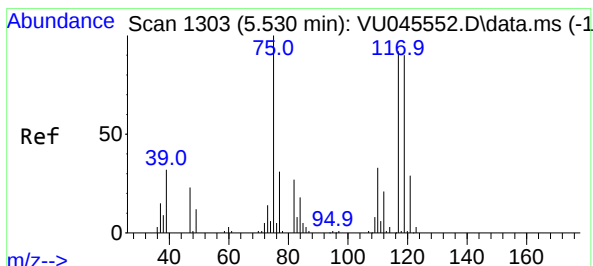
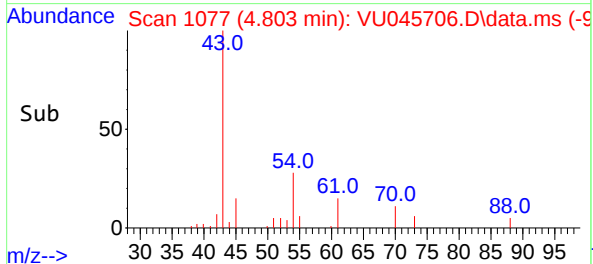
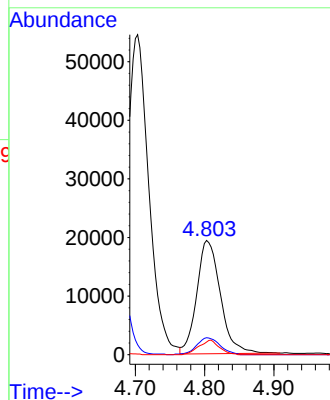
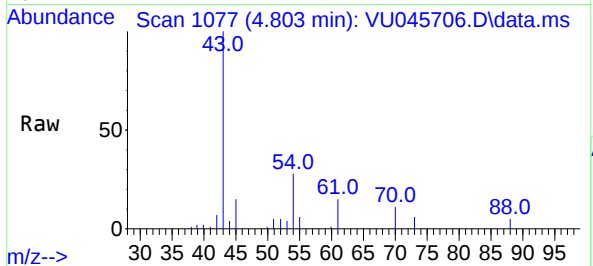
#37
Ethyl Acetate
Concen: 19.541 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion: 43 Resp: 4583
Ion Ratio Lower Upper
43 100
61 14.9 11.6 17.4
70 11.0 9.1 13.7

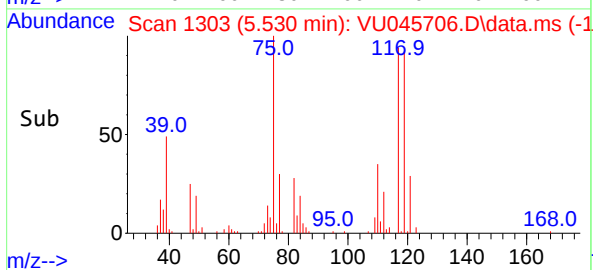
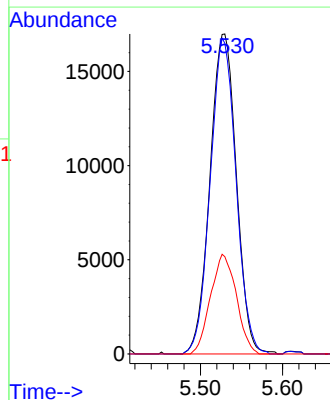
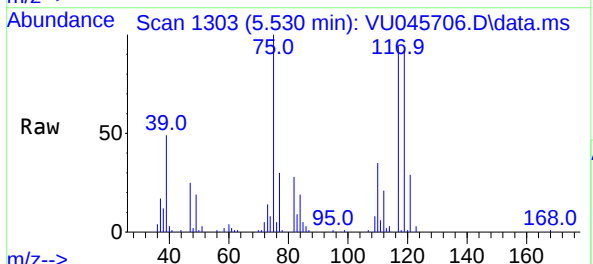
Manual Integrations
APPROVED

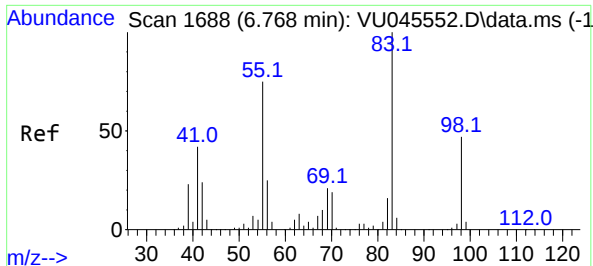
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#38
Carbon Tetrachloride
Concen: 18.425 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion:117 Resp: 37929
Ion Ratio Lower Upper
117 100
119 97.1 77.4 116.0
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 16.975 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

VU1110WBSD02

Tgt Ion: 83 Resp: 4252

Ion Ratio Lower Upper

83 100

55 72.9 63.6 95.4

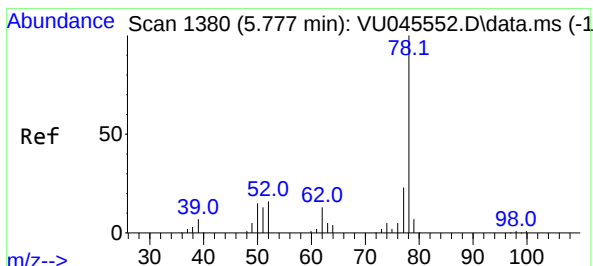
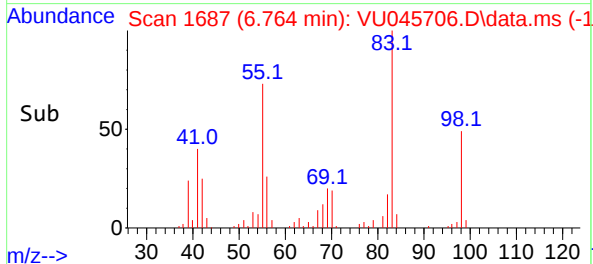
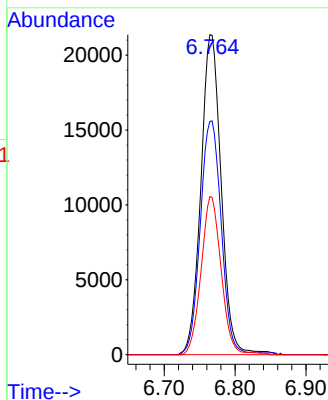
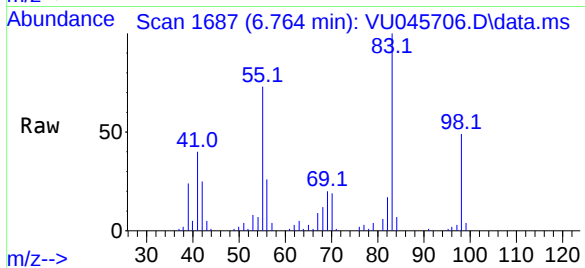
98 49.4 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 18.417 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045706.D

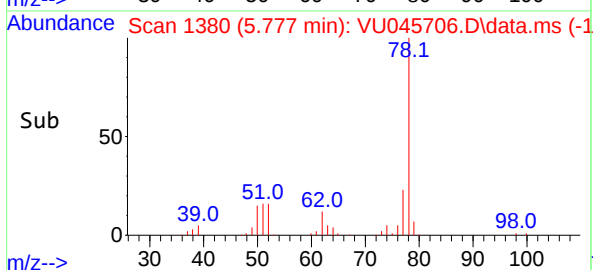
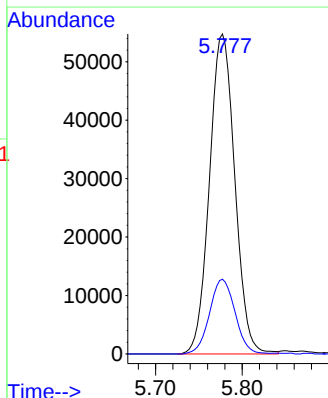
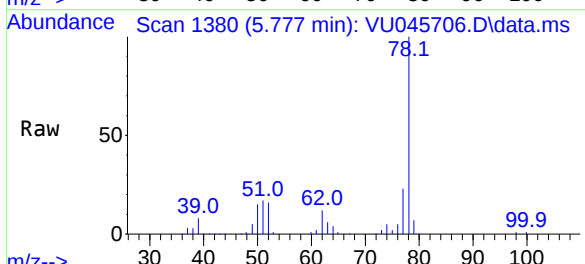
Acq: 10 Nov 2021 23:04

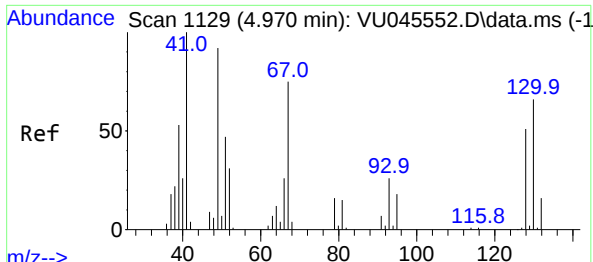
Tgt Ion: 78 Resp: 111332

Ion Ratio Lower Upper

78 100

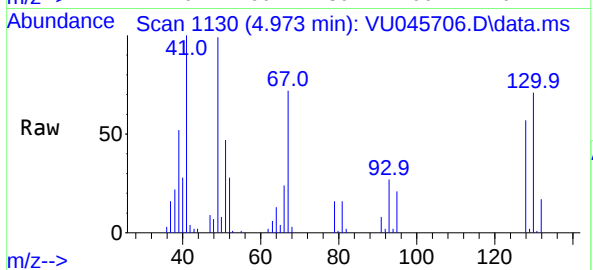
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 20.064 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

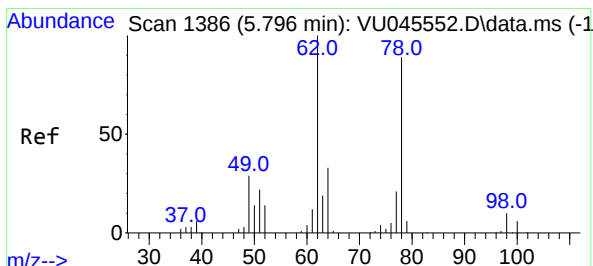
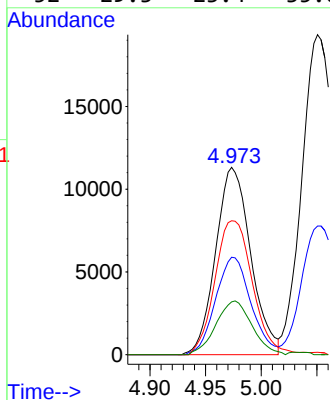
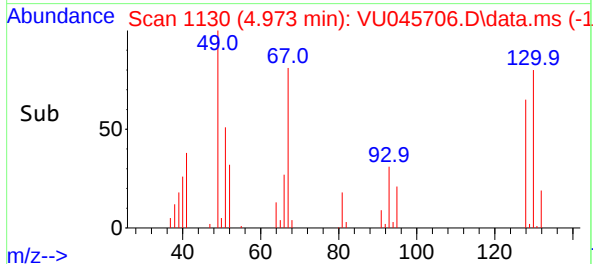
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



Tgt Ion: 41 Resp: 24869
Ion Ratio Lower Upper
41 100
39 52.5 43.4 65.0
67 76.5 61.0 91.4
52 29.3 23.4 35.0

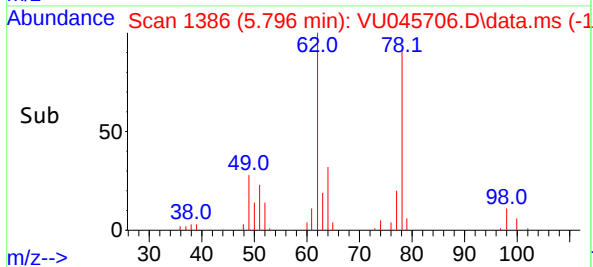
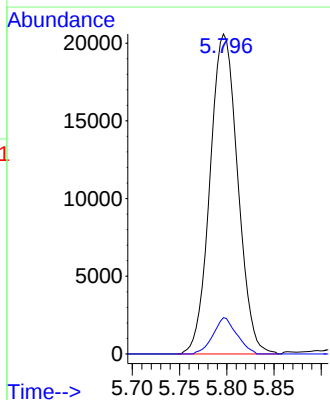
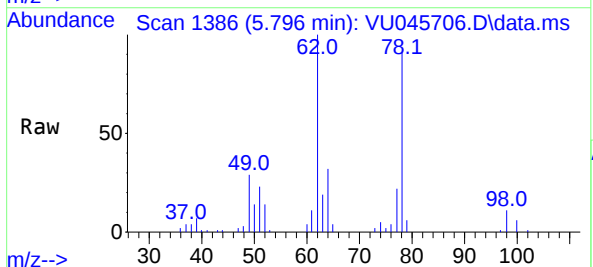
Manual Integrations
APPROVED

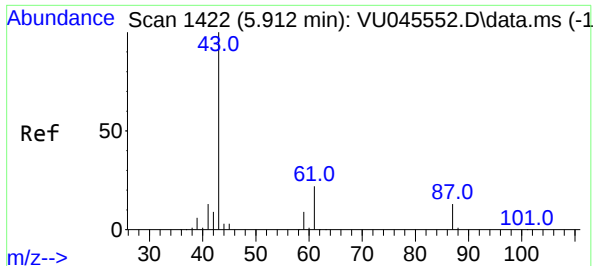
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#42
1,2-Dichloroethane
Concen: 19.250 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion: 62 Resp: 42034
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4





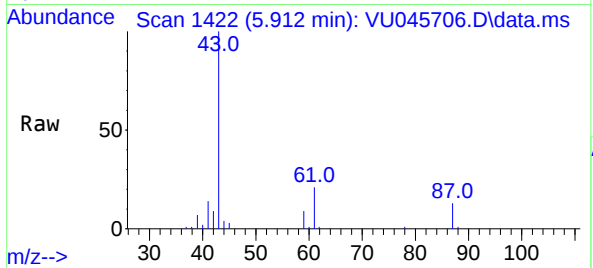
#43
Isopropyl Acetate
Concen: 18.873 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

VU1110WBSD02

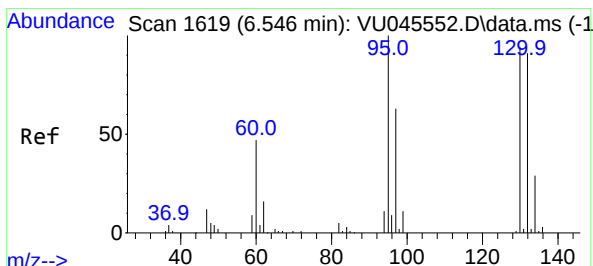
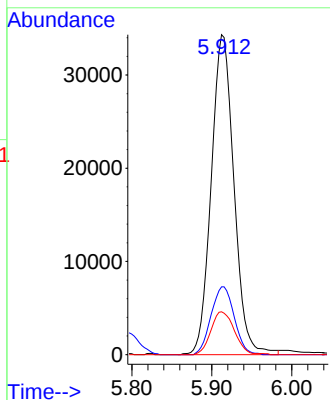
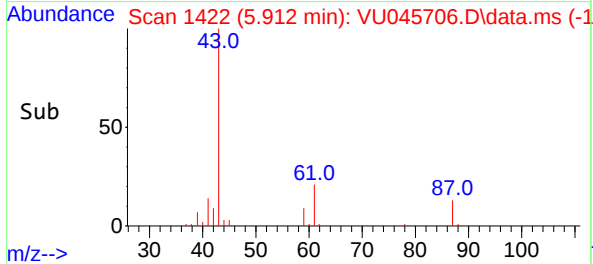


Tgt Ion: 43 Resp: 67708
Ion Ratio Lower Upper
43 100
61 21.7 16.9 25.3
87 14.0 11.0 16.4

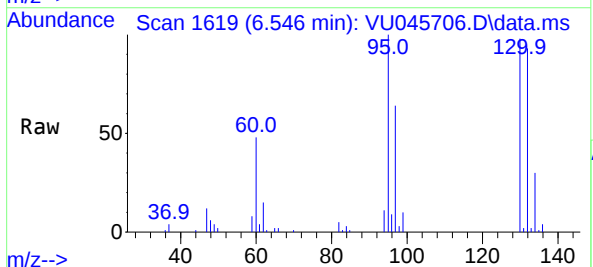
Manual Integrations

APPROVED

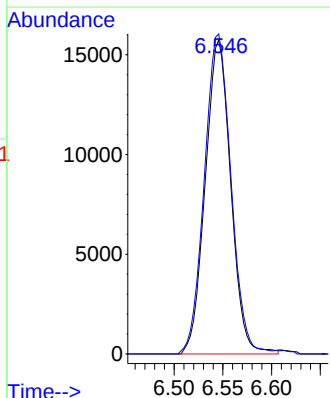
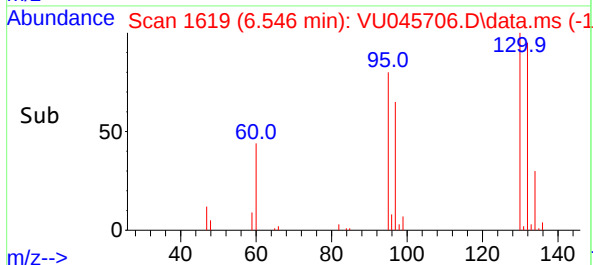
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

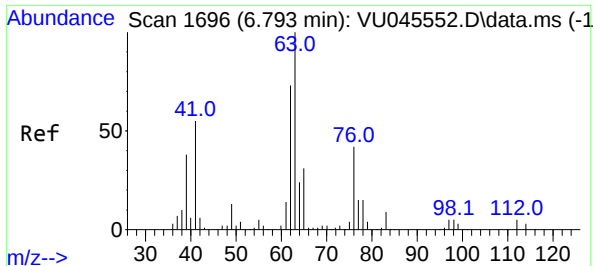


#44
Trichloroethene
Concen: 19.795 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion:130 Resp: 28644
Ion Ratio Lower Upper
130 100
95 101.9 0.0 211.4





#45

1,2-Dichloropropane

Concen: 19.167 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

VU1110WBSD02

Tgt Ion: 63 Resp: 3065

Ion Ratio Lower Upper

63 100

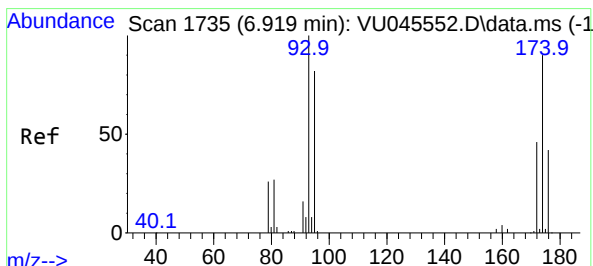
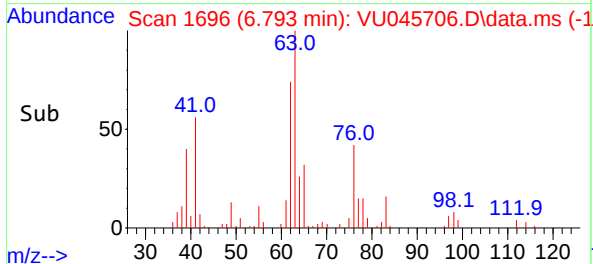
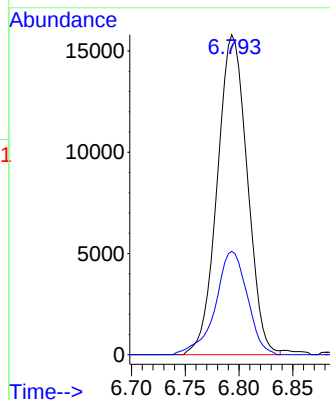
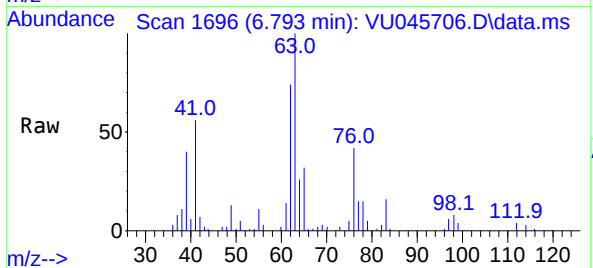
65 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 19.190 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

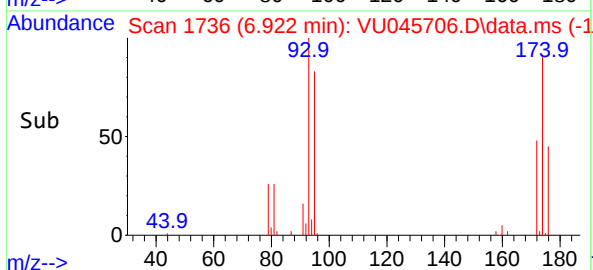
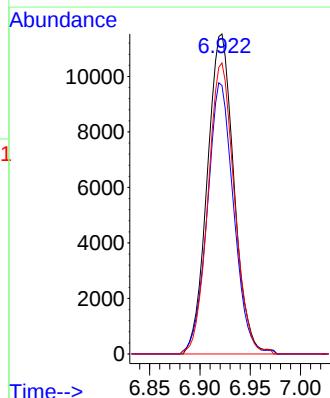
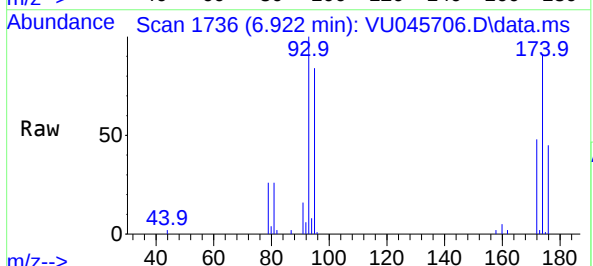
Tgt Ion: 93 Resp: 21268

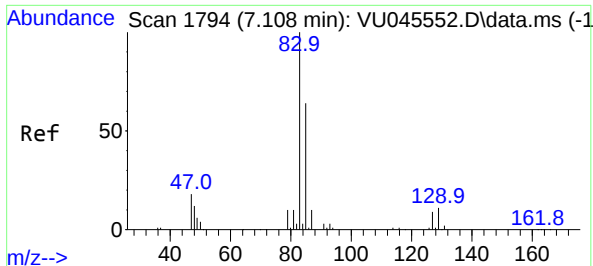
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

174 89.7 71.0 106.6





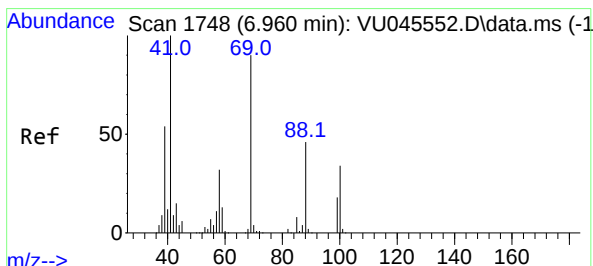
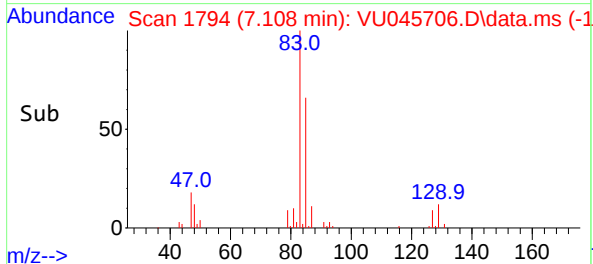
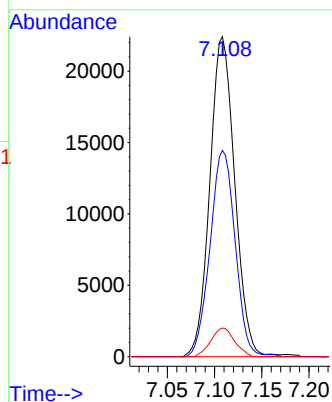
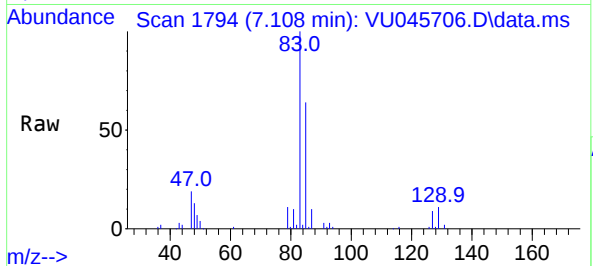
#47
Bromodichloromethane
Concen: 19.534 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion: 83 Resp: 41079
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 9.0 6.2 9.2

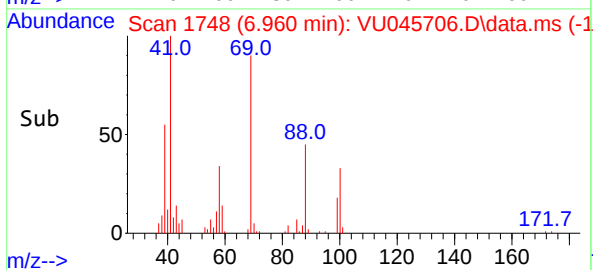
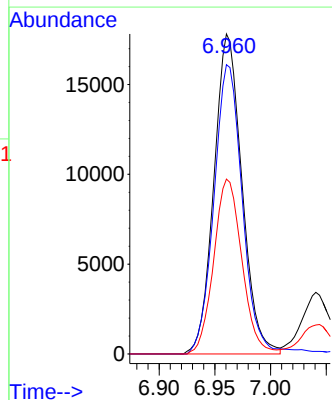
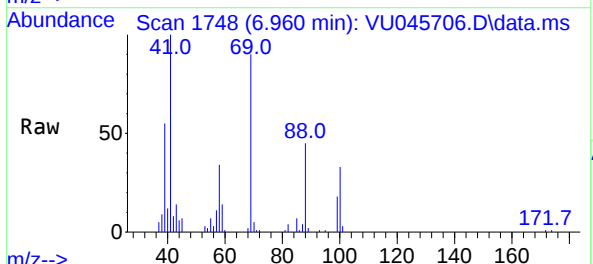
Manual Integrations
APPROVED

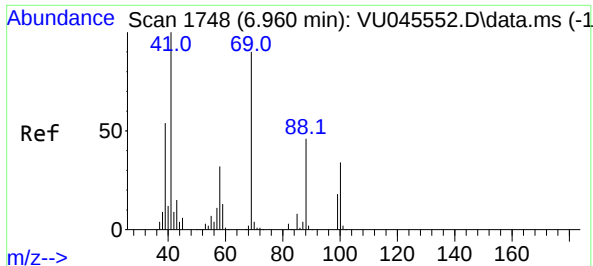
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#48
Methyl methacrylate
Concen: 18.882 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

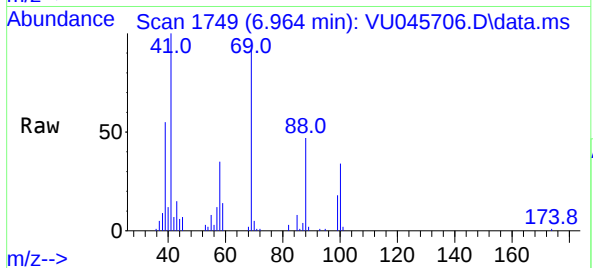
Tgt Ion: 41 Resp: 31178
Ion Ratio Lower Upper
41 100
69 92.6 70.2 105.2
39 54.9 43.9 65.9





#49
1,4-Dioxane
Concen: 389.908 ug/l
RT: 6.964 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

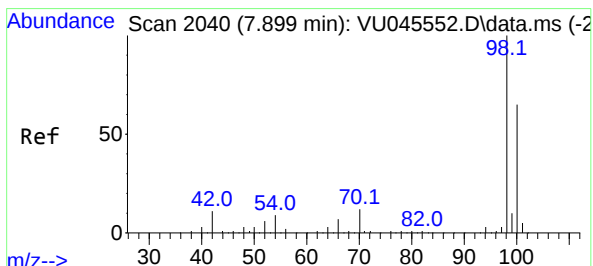
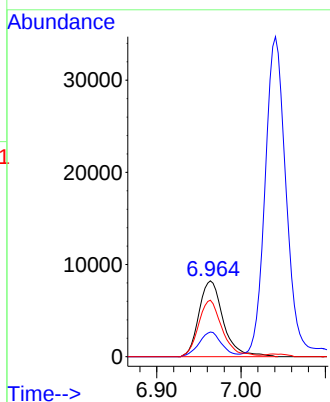
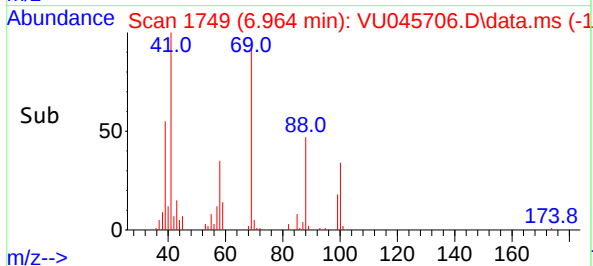
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



Tgt Ion: 88 Resp: 1655
Ion Ratio Lower Upper
88 100
43 30.4 0.0 0.0
58 72.6 58.7 88.1

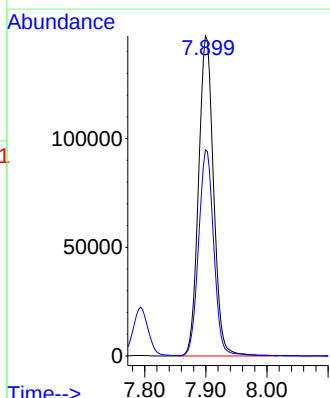
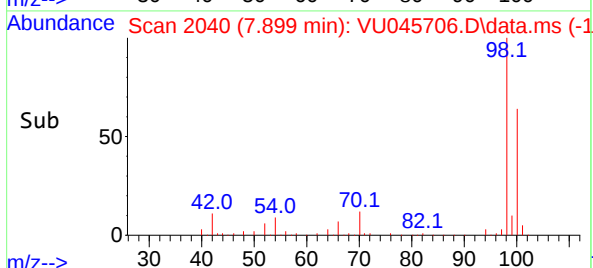
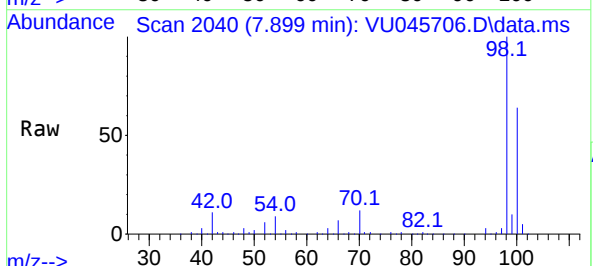
Manual Integrations
APPROVED

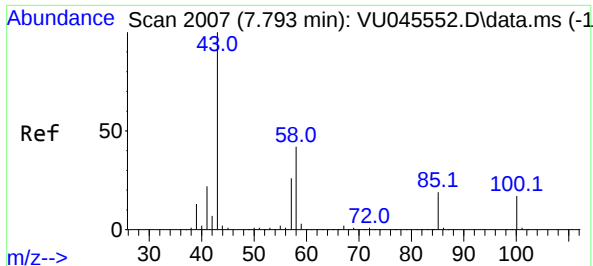
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#50
Toluene-d8
Concen: 48.307 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion: 98 Resp: 251136
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





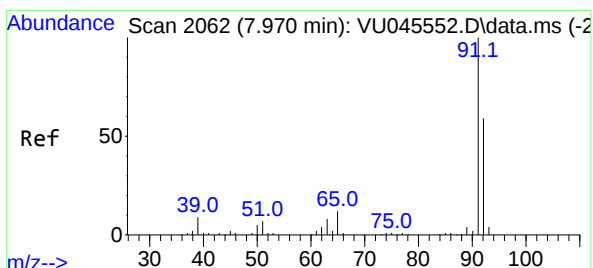
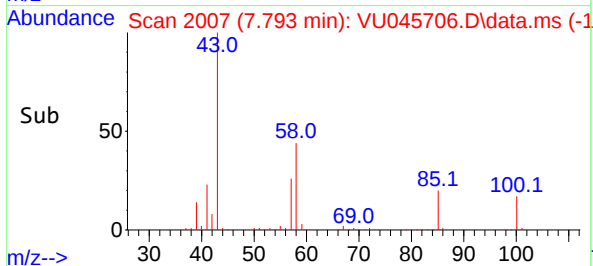
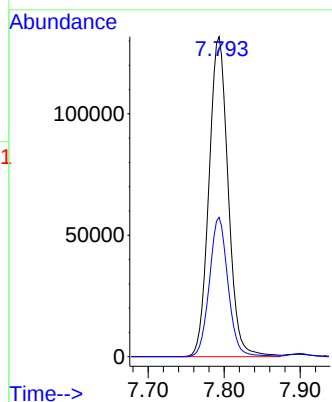
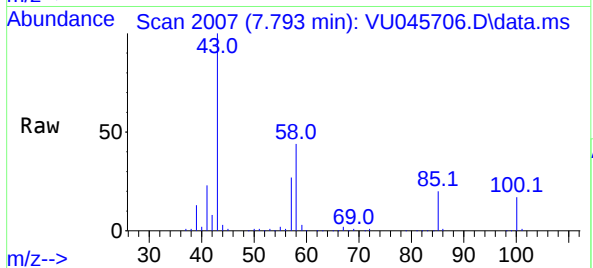
#51
4-Methyl-2-Pentanone
Concen: 97.757 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion: 43 Resp: 231340
Ion Ratio Lower Upper
43 100
58 42.3 33.8 50.8

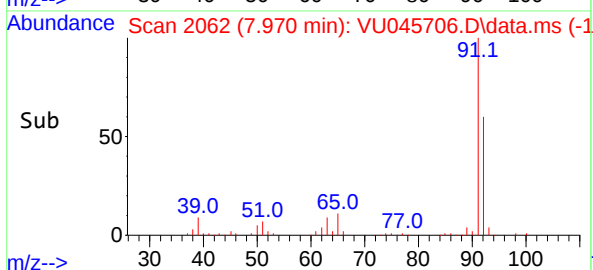
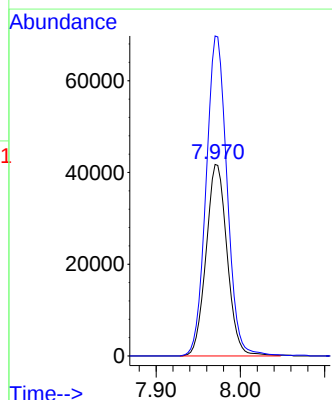
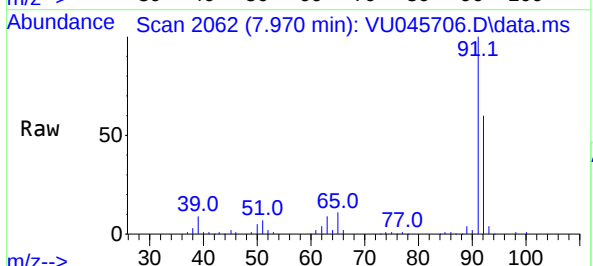
Manual Integrations
APPROVED

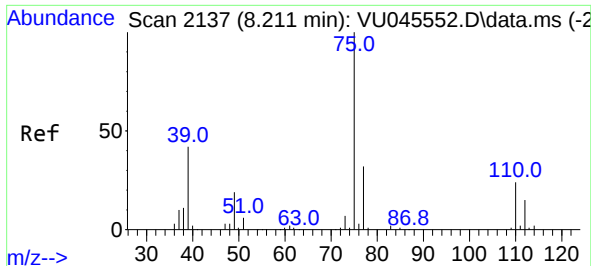
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#52
Toluene
Concen: 19.614 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion: 92 Resp: 72592
Ion Ratio Lower Upper
92 100
91 166.4 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 17.584 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

VU1110WBSD02

Tgt Ion: 75 Resp: 4249

Ion Ratio Lower Upper

75 100

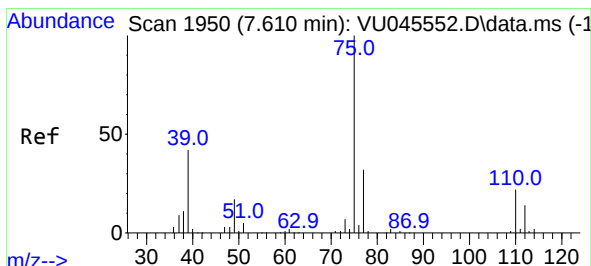
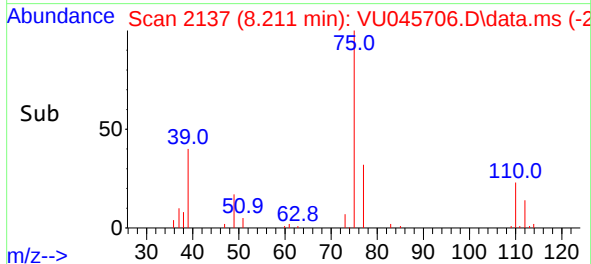
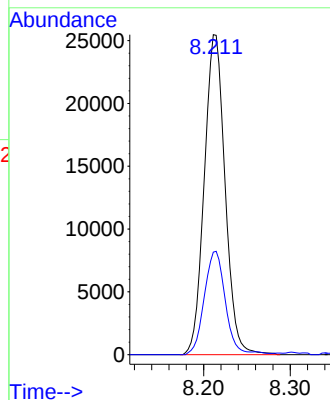
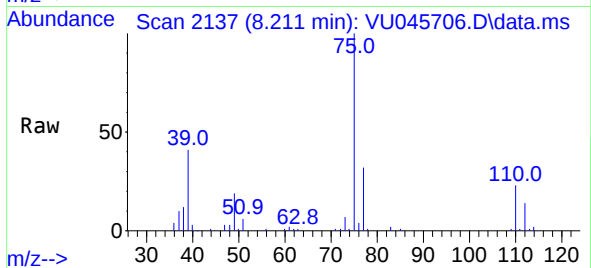
77 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#54

cis-1,3-Dichloropropene

Concen: 18.288 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

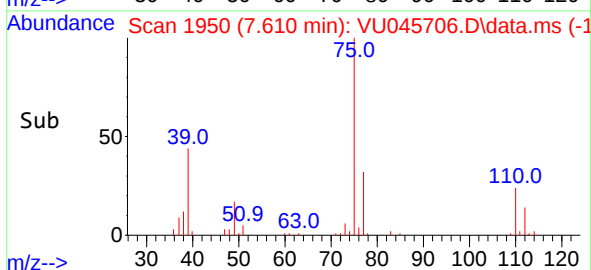
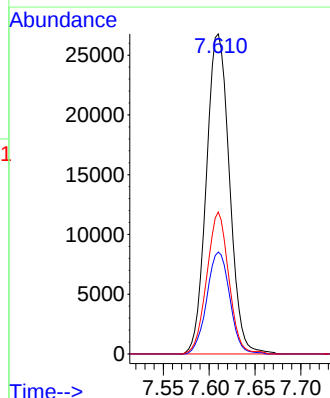
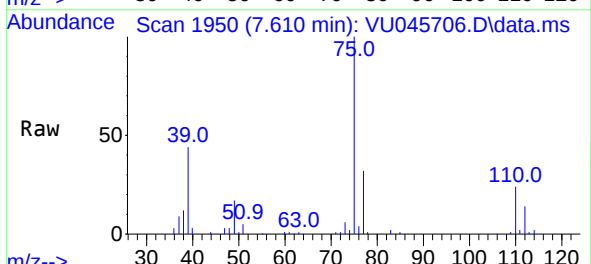
Tgt Ion: 75 Resp: 46946

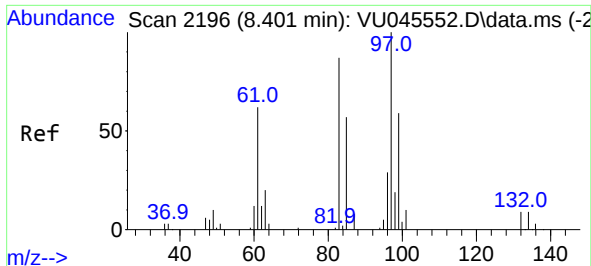
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

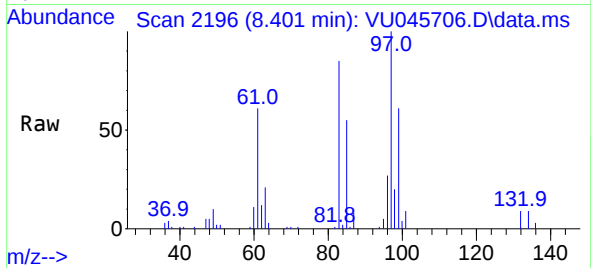
39 44.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.825 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

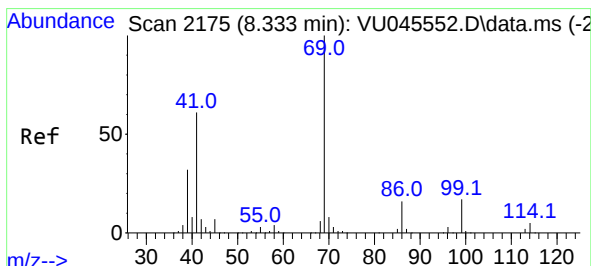
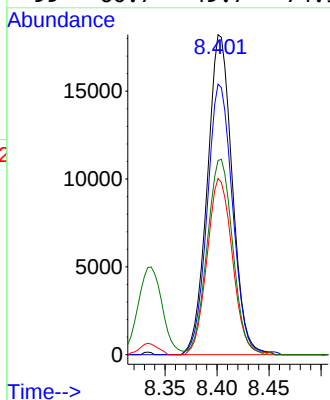
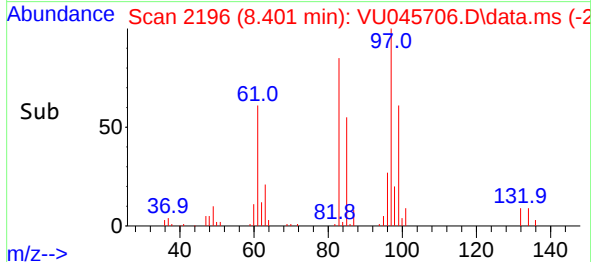


Tgt Ion: 97 Resp: 30409

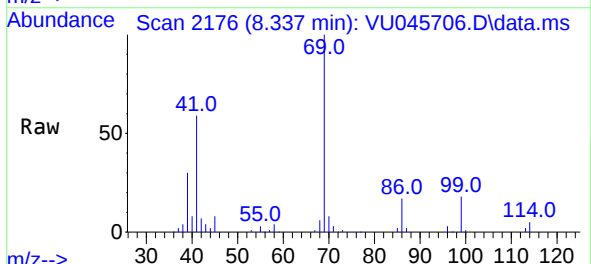
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.3	105.5
85	55.0	45.5	68.3
99	60.7	49.7	74.5

Manual Integrations
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Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

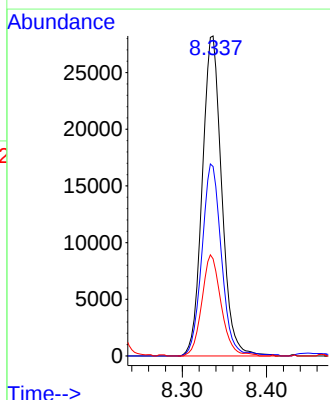
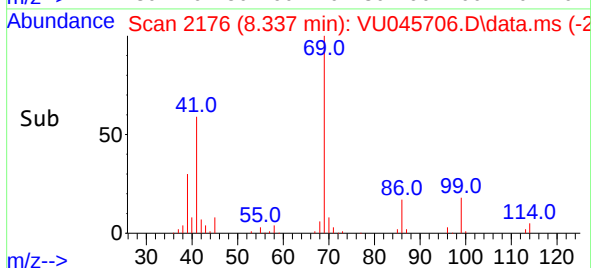


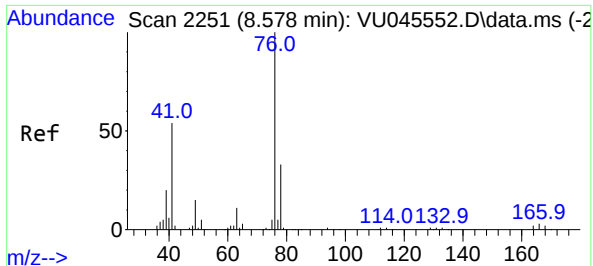
#56
Ethyl methacrylate
Concen: 18.128 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion: 69 Resp: 45406

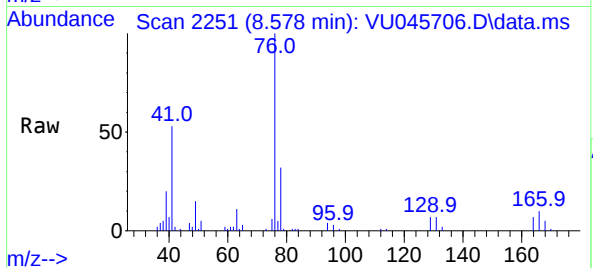
Ion	Ratio	Lower	Upper
69	100		
41	60.4	51.0	76.4
39	31.4	26.6	39.8





#57
1,3-Dichloropropane
Concen: 19.254 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

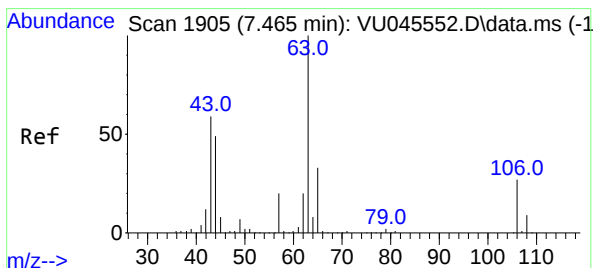
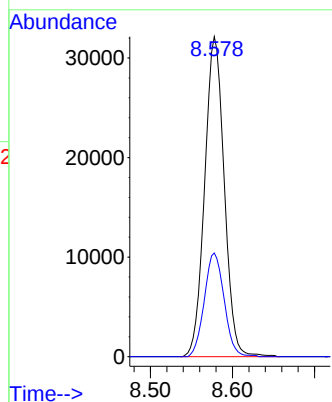
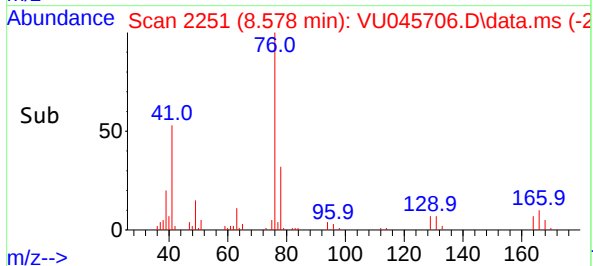
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



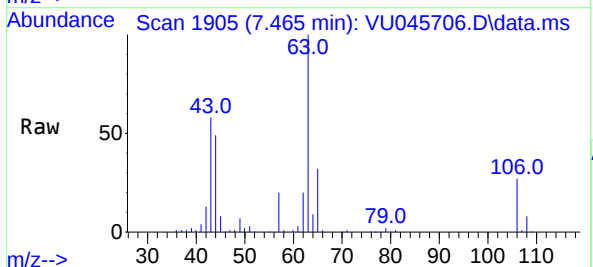
Tgt Ion: 76 Resp: 53192
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.8

Manual Integrations
APPROVED

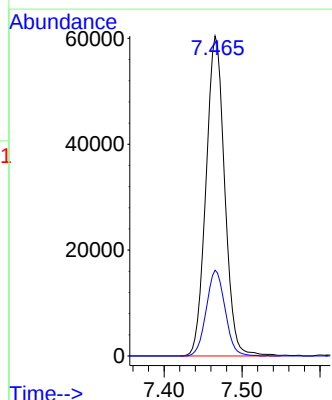
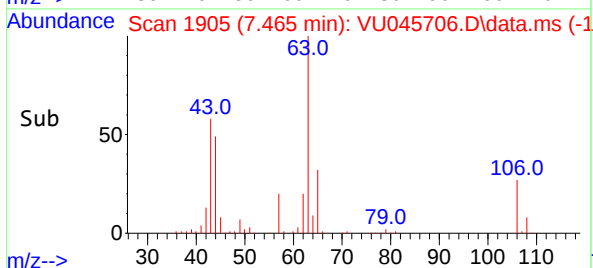
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

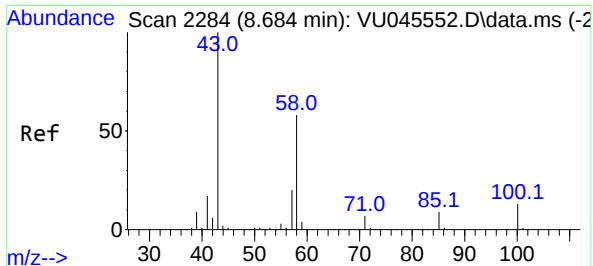


#58
2-Chloroethyl Vinyl ether
Concen: 71.401 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion: 63 Resp: 100827
Ion Ratio Lower Upper
63 100
106 26.9 21.0 31.4





#59

2-Hexanone

Concen: 91.832 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

VU1110WBSD02

Tgt Ion: 43 Resp: 178979

Ion Ratio Lower Upper

43 100

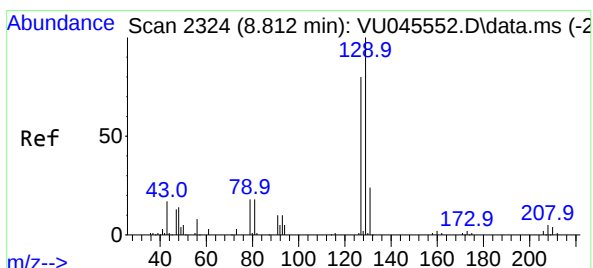
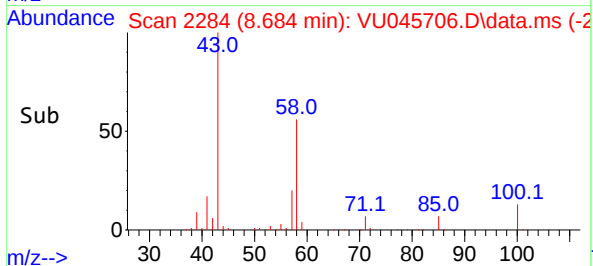
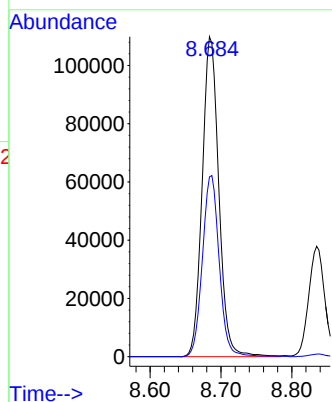
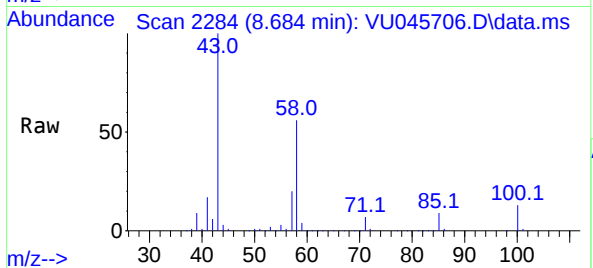
58 57.3 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#60

Dibromochloromethane

Concen: 19.051 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU045706.D

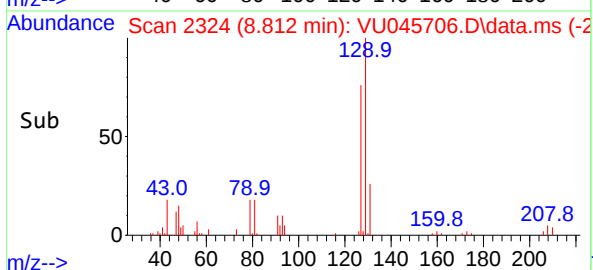
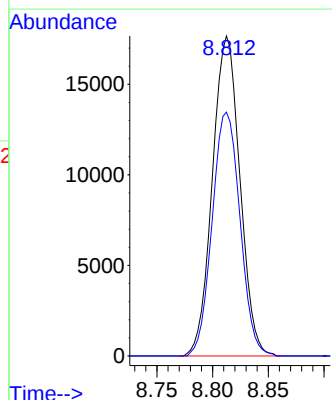
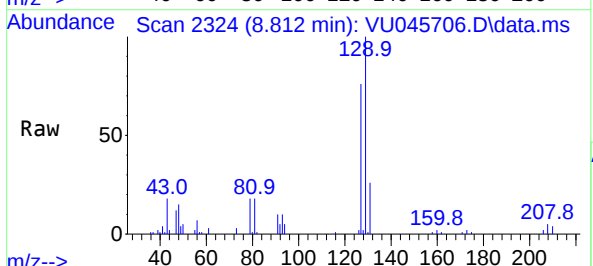
Acq: 10 Nov 2021 23:04

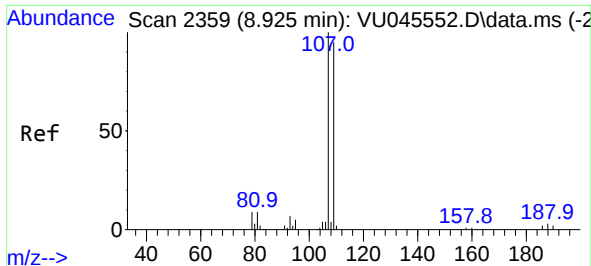
Tgt Ion:129 Resp: 30428

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3





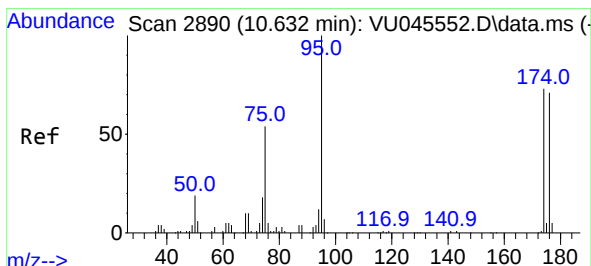
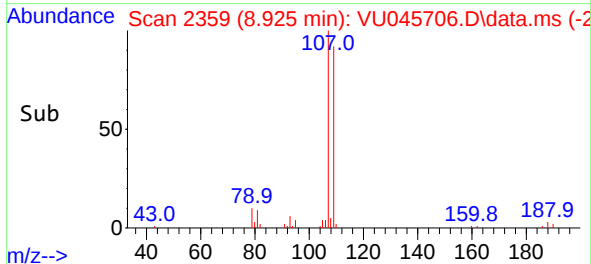
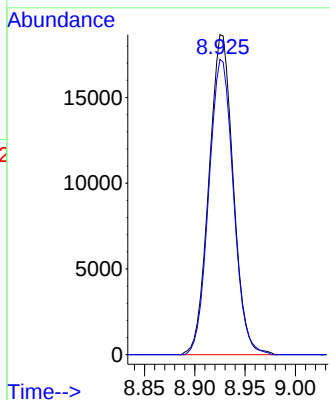
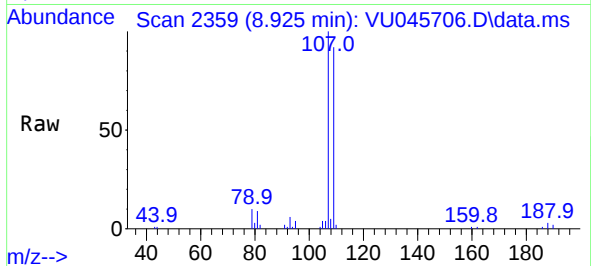
#61
1,2-Dibromoethane
Concen: 19.069 ug/l
RT: 8.925 min Scan# 21370
Delta R.T. 0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion:107 Resp: 31370
Ion Ratio Lower Upper
107 100
109 93.1 75.8 113.8

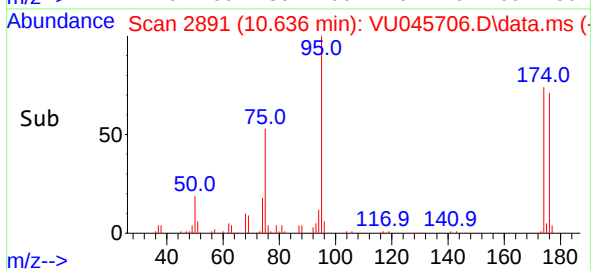
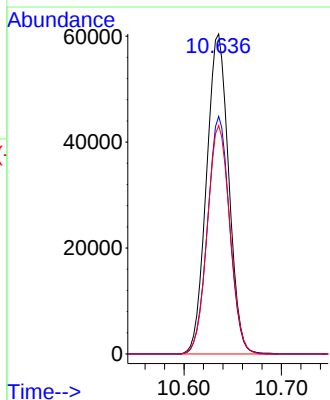
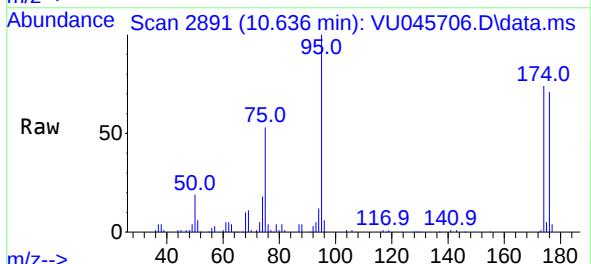
Manual Integrations
APPROVED

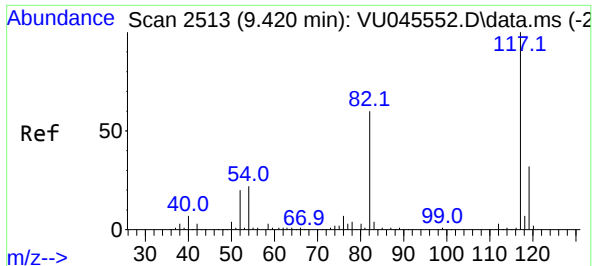
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#62
4-Bromofluorobenzene
Concen: 45.922 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

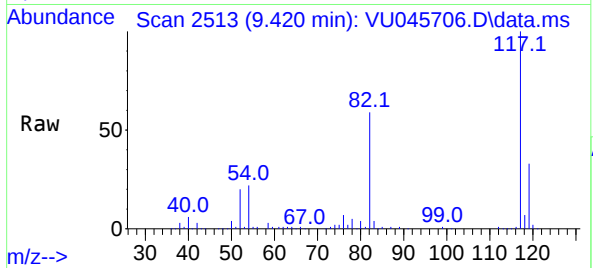
Tgt Ion: 95 Resp: 95731
Ion Ratio Lower Upper
95 100
174 73.6 0.0 141.8
176 72.4 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

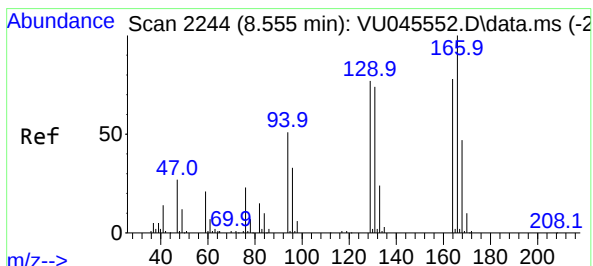
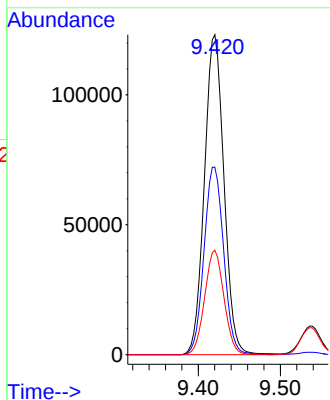
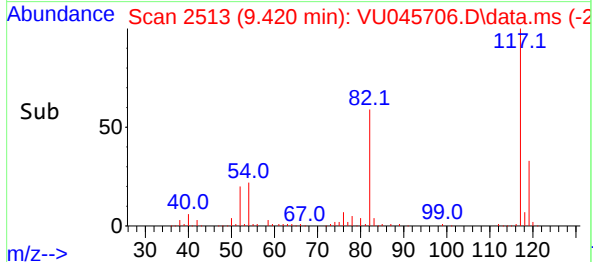
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



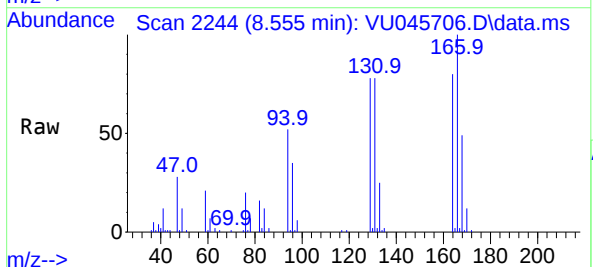
Tgt Ion:117 Resp: 20413
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 32.6 25.8 38.8

Manual Integrations
APPROVED

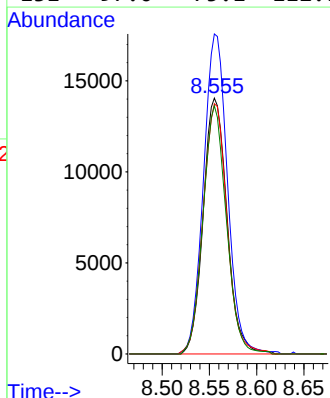
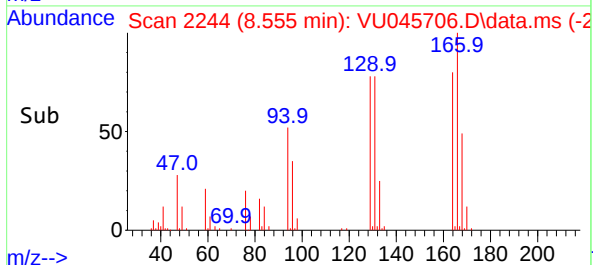
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

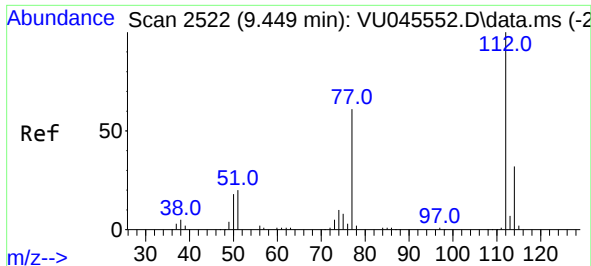


#64
Tetrachloroethene
Concen: 21.007 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion:164 Resp: 24612
Ion Ratio Lower Upper
164 100
166 125.1 102.2 153.4
129 97.8 78.2 117.4
131 97.0 75.1 112.7





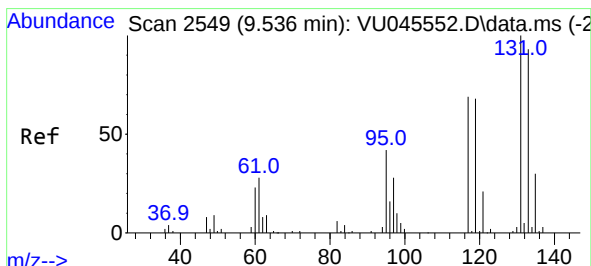
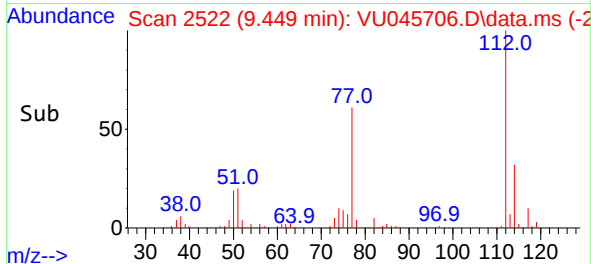
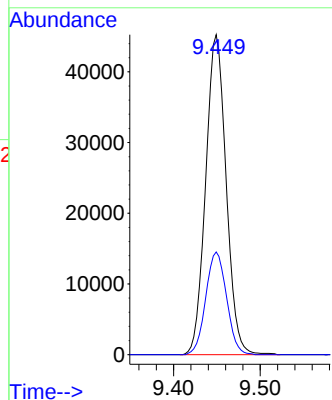
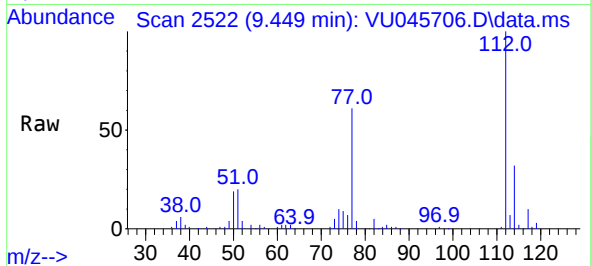
#65
Chlorobenzene
Concen: 18.536 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion:112 Resp: 7432
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

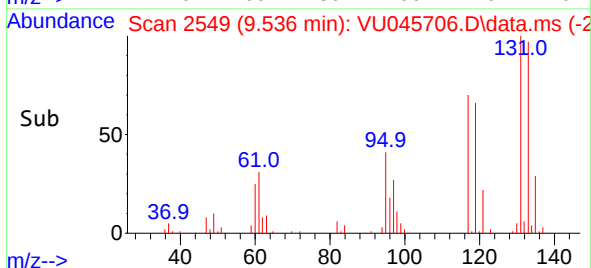
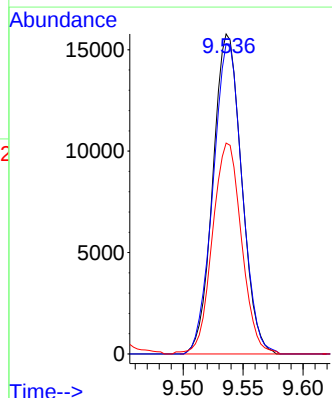
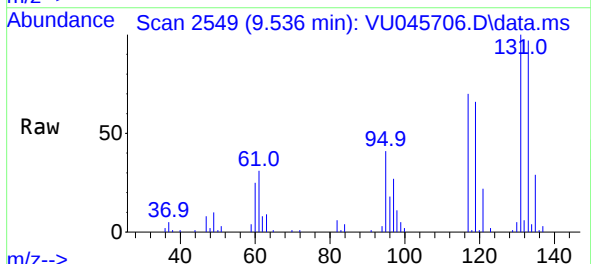
Manual Integrations
APPROVED

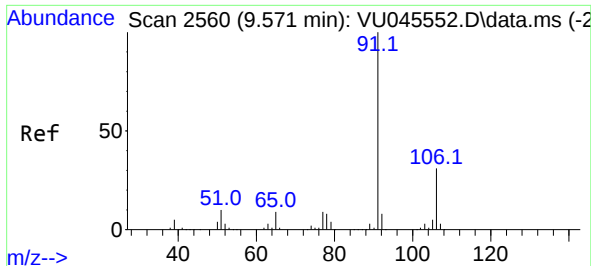
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 18.319 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Tgt Ion:131 Resp: 26197
Ion Ratio Lower Upper
131 100
133 98.7 47.9 143.6
119 66.9 34.5 103.6





#67

Ethyl Benzene

Concen: 18.740 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

VU1110WBSD02

Tgt Ion: 91 Resp: 134564

Ion Ratio Lower Upper

91 100

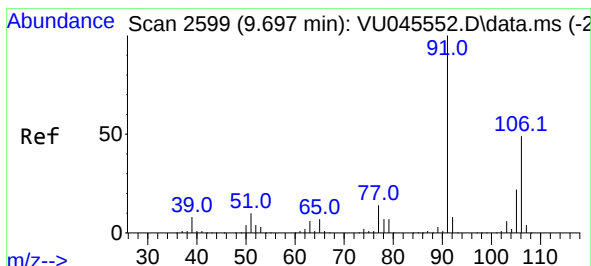
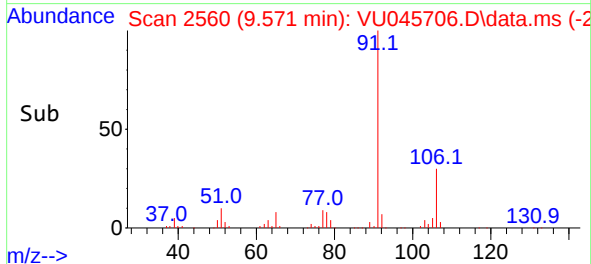
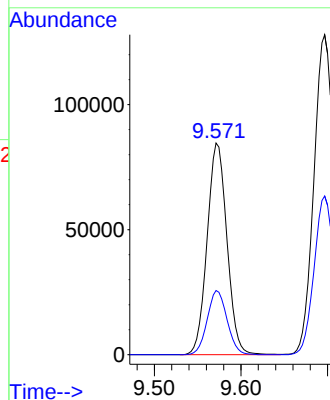
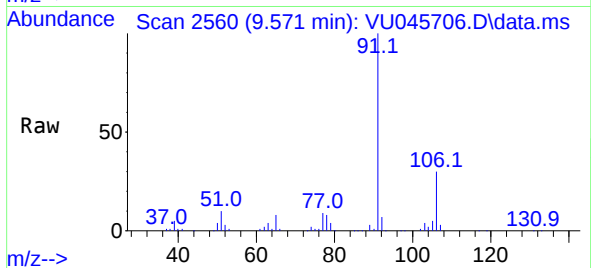
106 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#68

m/p-Xylenes

Concen: 38.222 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045706.D

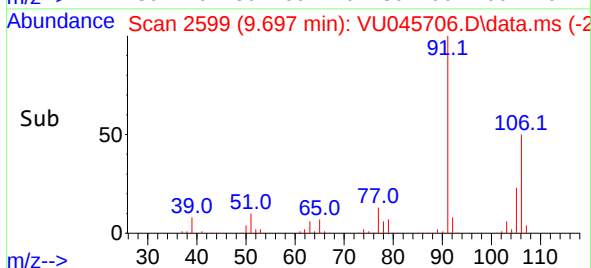
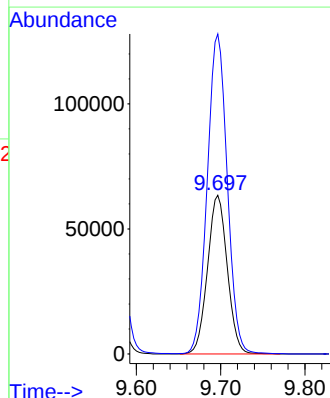
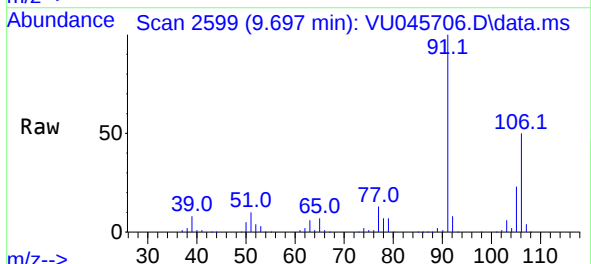
Acq: 10 Nov 2021 23:04

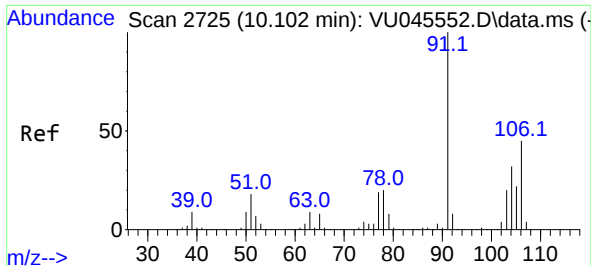
Tgt Ion:106 Resp: 103506

Ion Ratio Lower Upper

106 100

91 203.9 164.7 247.1





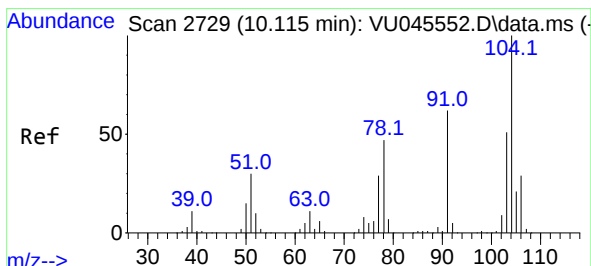
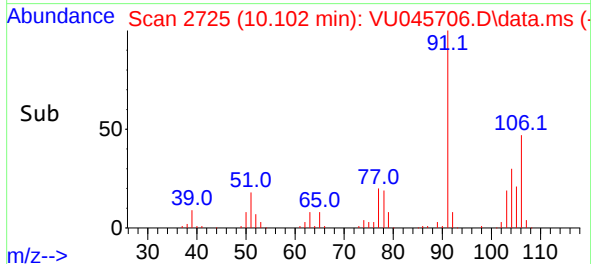
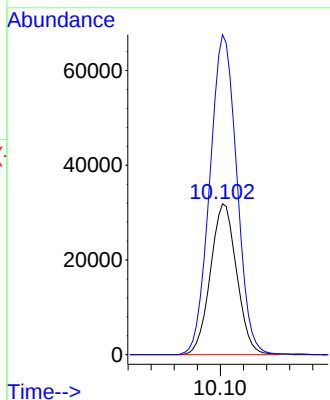
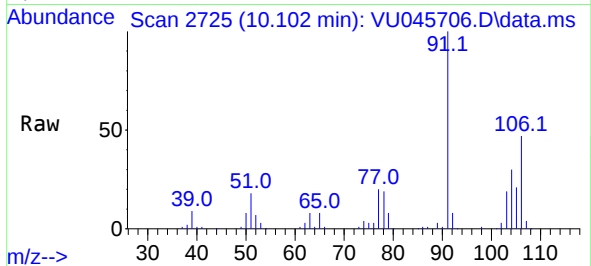
#69
o-Xylene
Concen: 19.072 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion:106 Resp: 5021
Ion Ratio Lower Upper
106 100
91 218.5 108.7 326.3

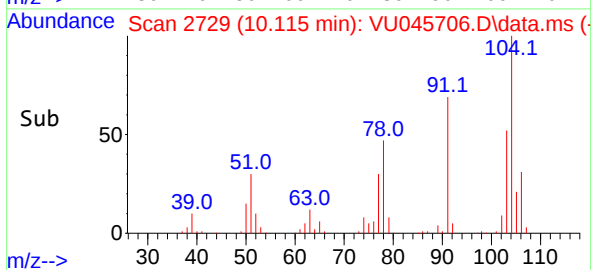
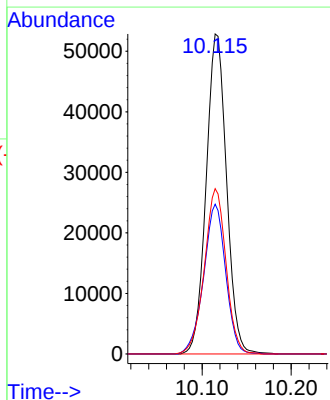
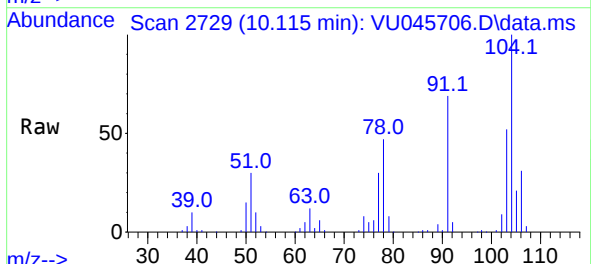
Manual Integrations
APPROVED

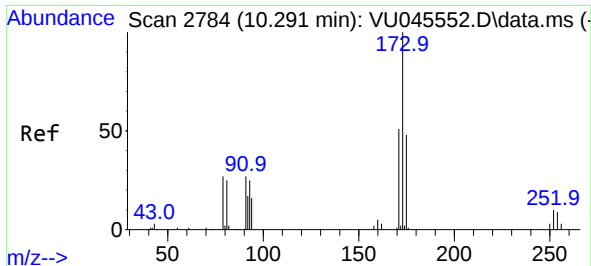
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#70
Styrene
Concen: 18.864 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

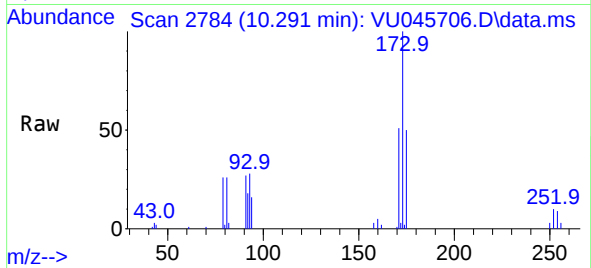
Tgt Ion:104 Resp: 84023
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.6
103 54.9 43.8 65.6





#71
Bromoform
Concen: 18.257 ug/l
RT: 10.291 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

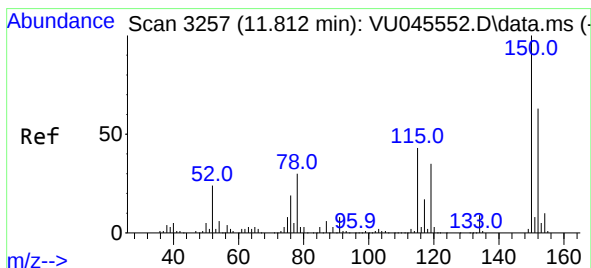
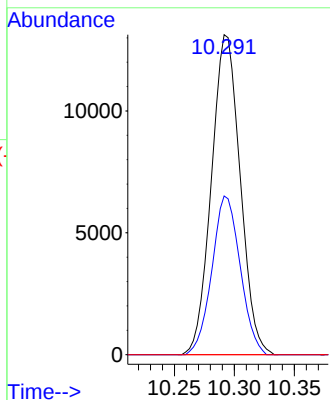
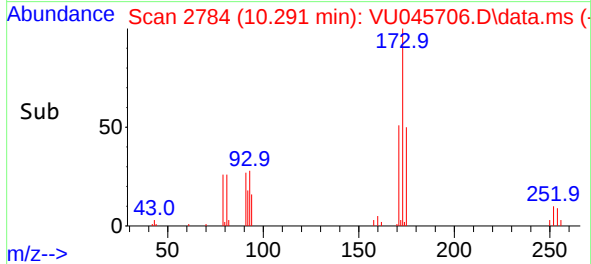
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



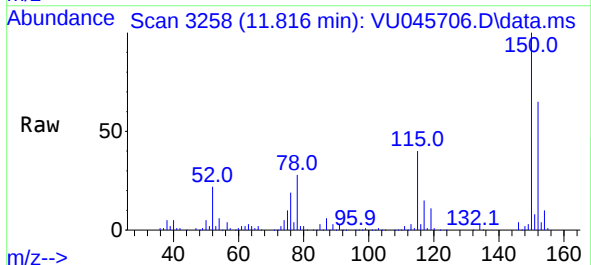
Tgt Ion:173 Resp: 2188
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

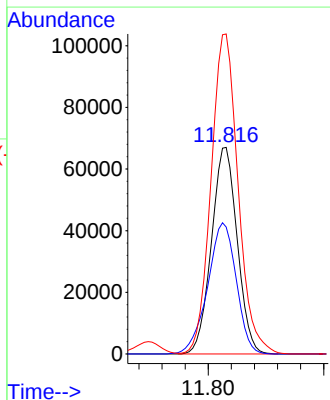
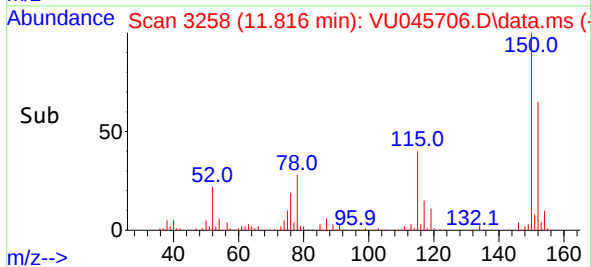
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

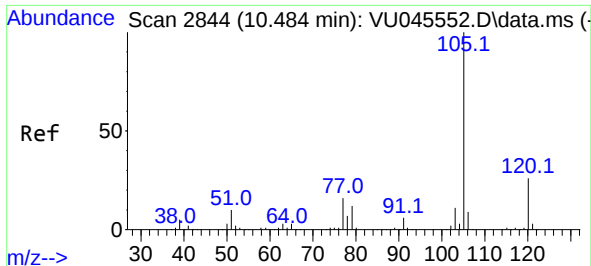


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion:152 Resp: 103698
Ion Ratio Lower Upper
152 100
115 70.5 42.7 128.1
150 162.9 0.0 346.8





#73
Isopropylbenzene
Concen: 19.427 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

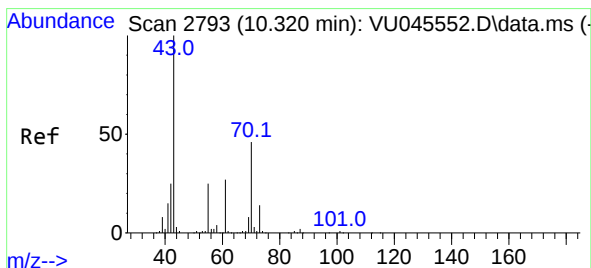
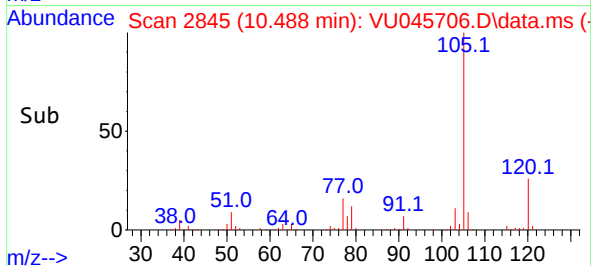
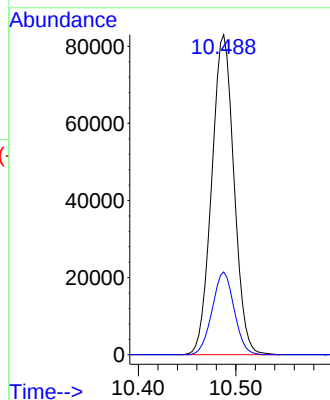
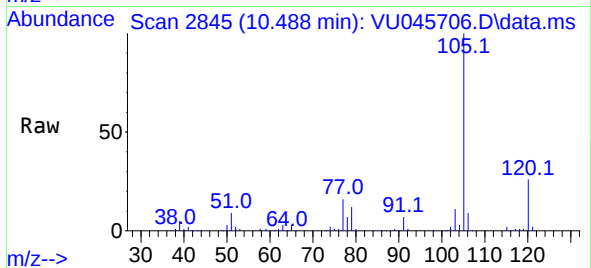
VU1110WBSD02

Tgt Ion:105 Resp: 13162
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

Manual Integrations

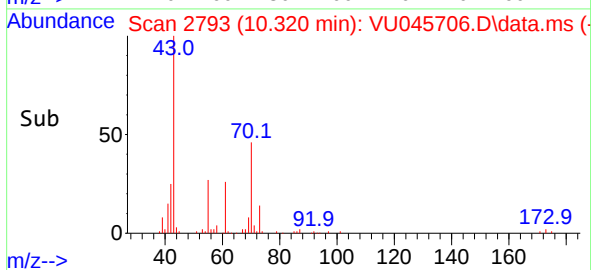
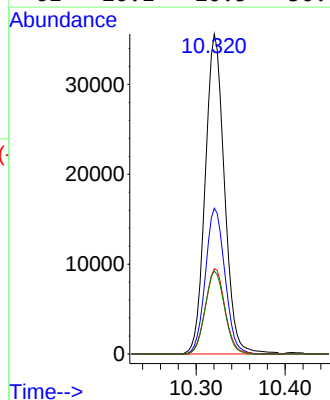
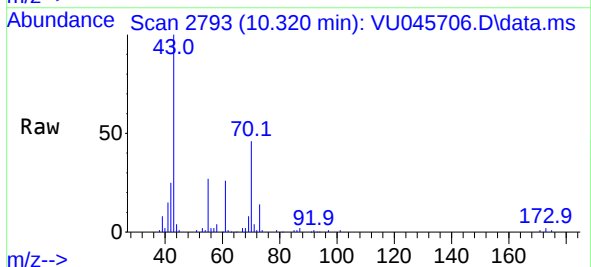
APPROVED

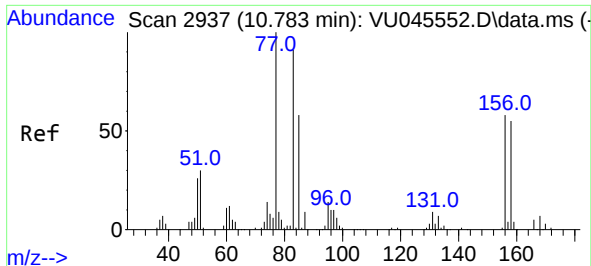
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#74
N-ethyl acetate
Concen: 17.436 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

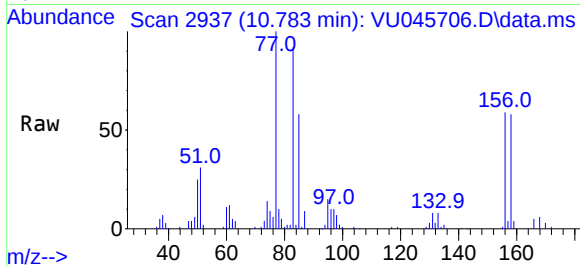
Tgt Ion: 43 Resp: 53296
Ion Ratio Lower Upper
43 100
70 46.2 36.9 55.3
55 27.1 20.6 31.0
61 26.1 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.391 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

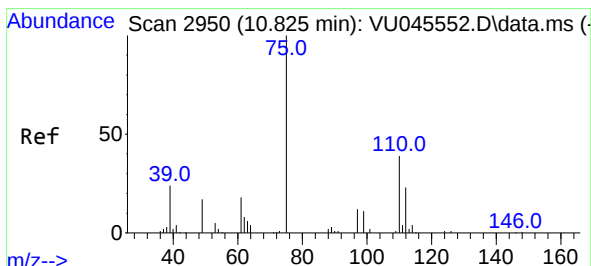
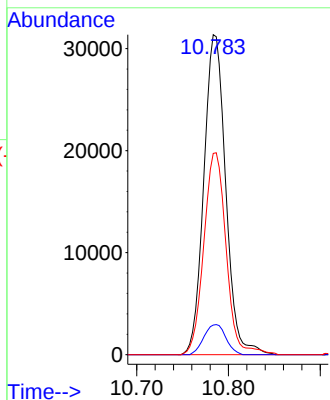
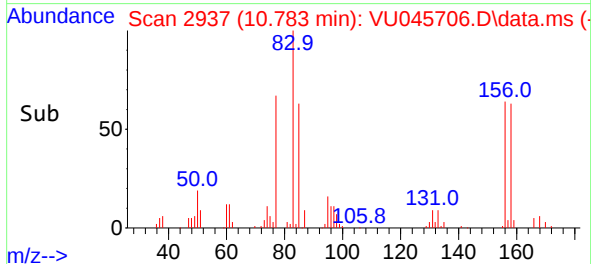
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



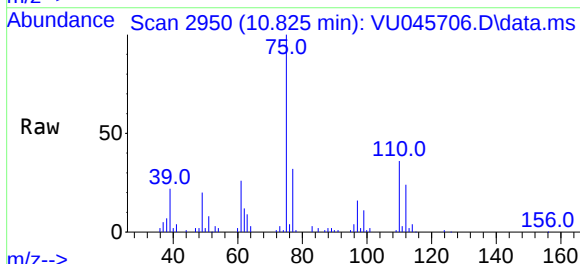
Tgt Ion: 83 Resp: 52054
Ion Ratio Lower Upper
83 100
131 9.4 4.4 13.2
85 64.4 31.9 95.9

Manual Integrations
APPROVED

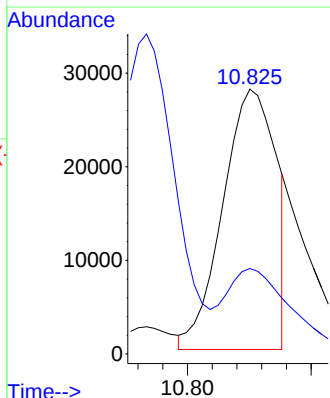
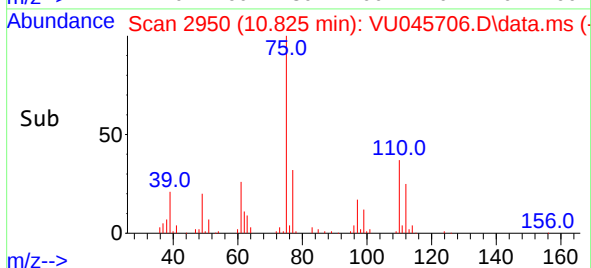
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

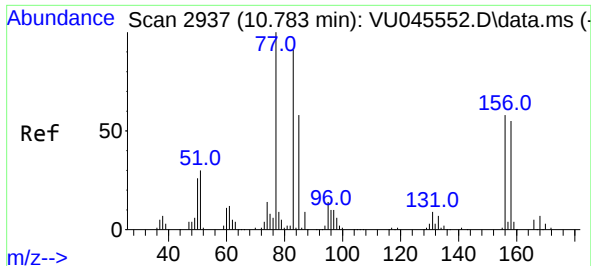


#76
1,2,3-Trichloropropane
Concen: 13.231 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



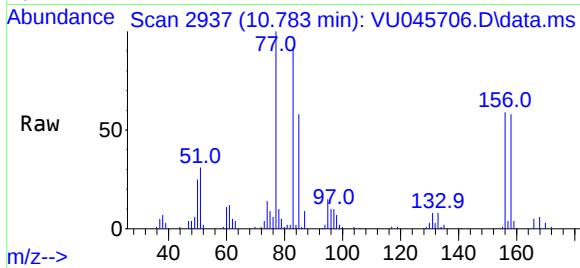
Tgt Ion: 75 Resp: 41609
Ion Ratio Lower Upper
75 100
77 41.3 17.1 51.3





#77
Bromobenzene
Concen: 19.708 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

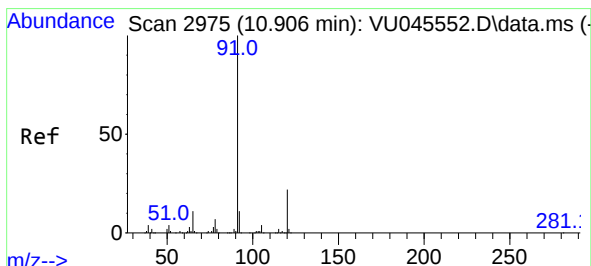
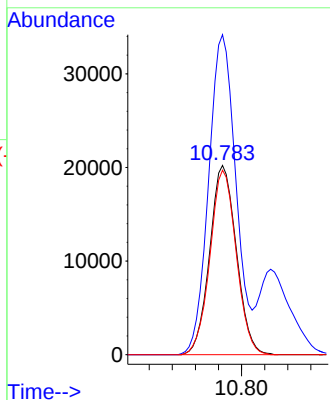
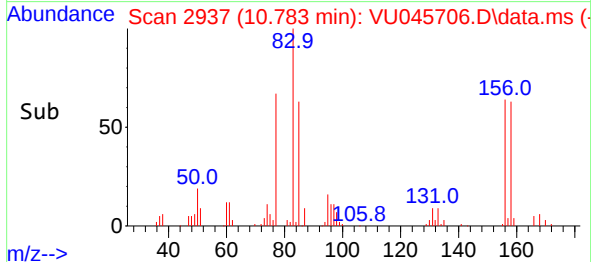
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



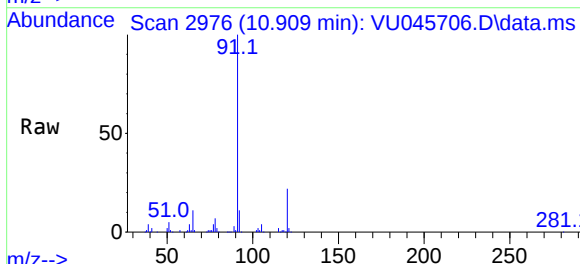
Tgt Ion:156 Resp: 32420
Ion Ratio Lower Upper
156 100
77 172.4 91.1 273.4
158 95.8 47.9 143.6

Manual Integrations
APPROVED

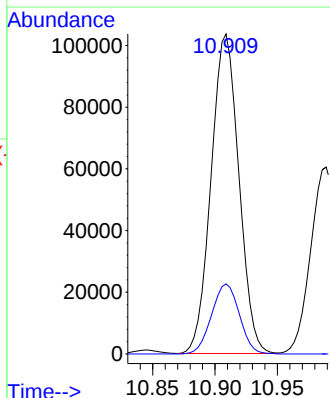
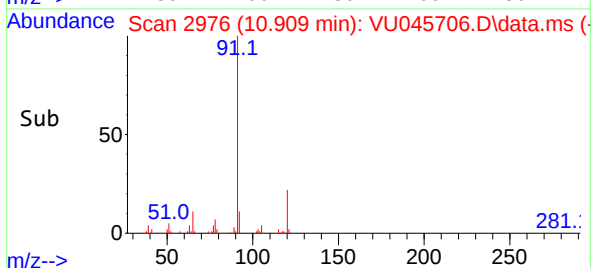
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

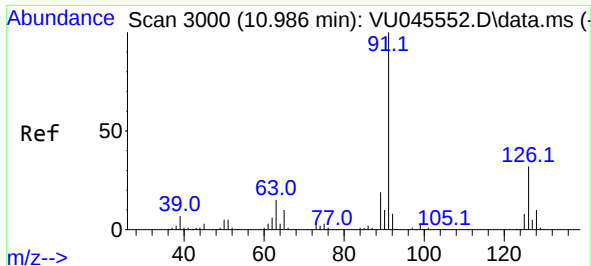


#78
n-propylbenzene
Concen: 19.071 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion: 91 Resp: 160821
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.7





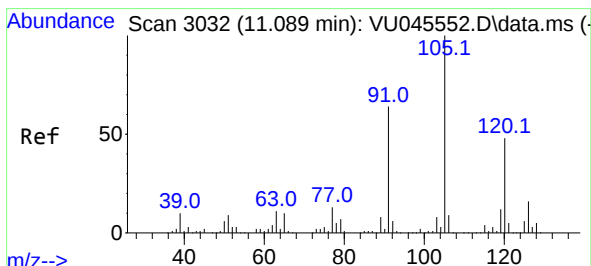
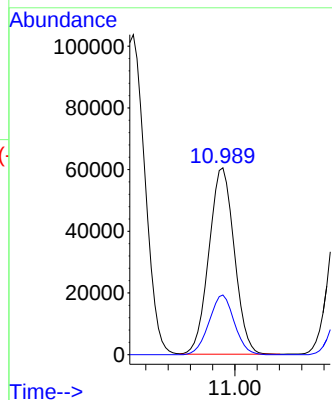
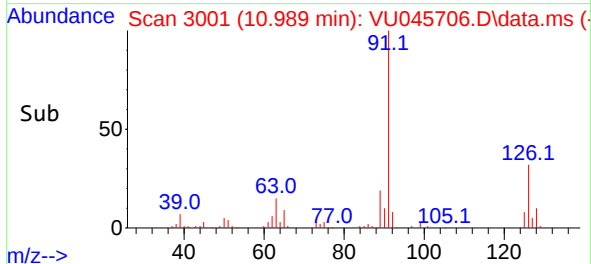
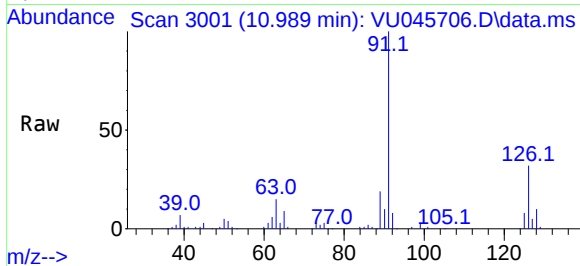
#79
2-Chlorotoluene
Concen: 19.172 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion: 91 Resp: 95519
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8

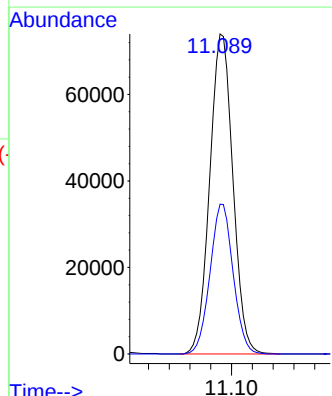
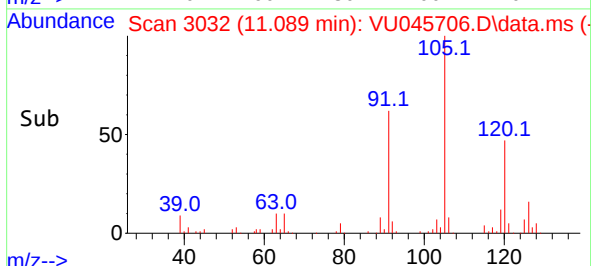
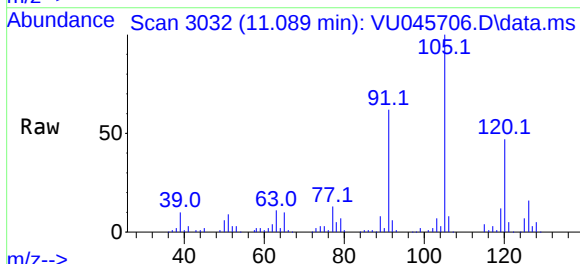
Manual Integrations
APPROVED

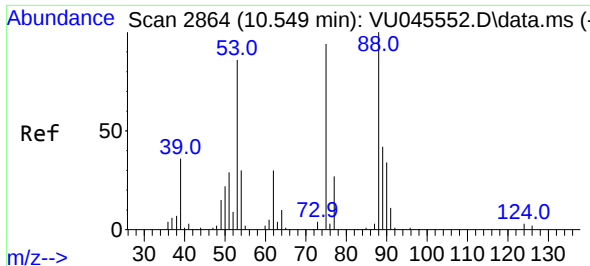
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.346 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

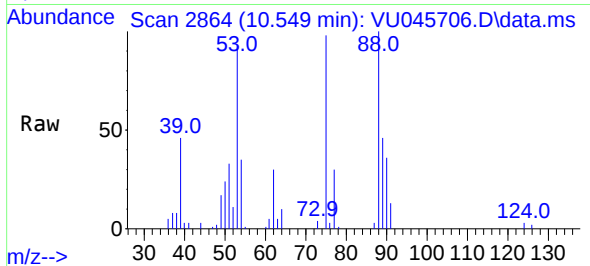
Tgt Ion:105 Resp: 114526
Ion Ratio Lower Upper
105 100
120 46.6 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.119 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

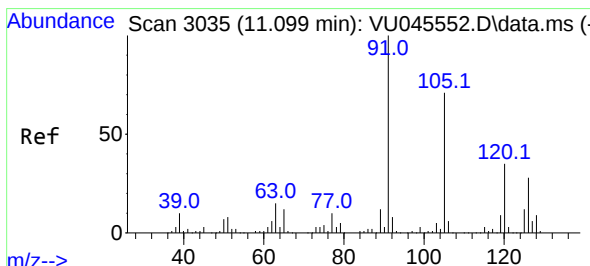
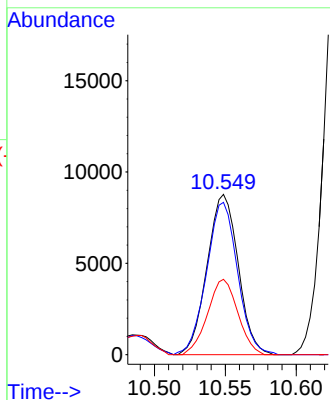
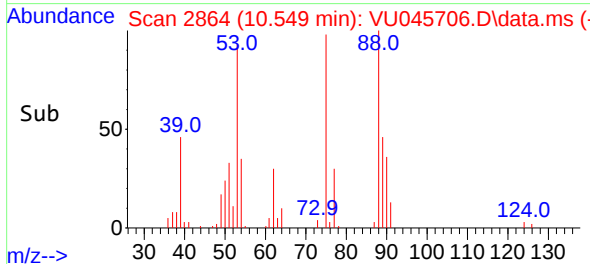
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



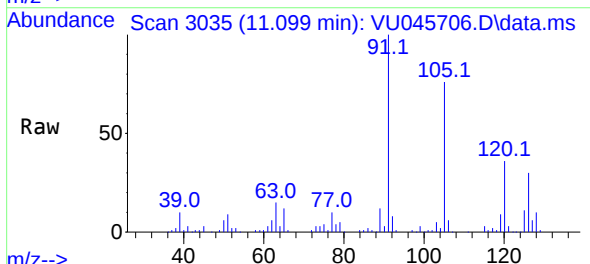
Tgt Ion: 75 Resp: 1340
Ion Ratio Lower Upper
75 100
53 95.0 76.2 114.4
89 45.7 34.0 51.0

Manual Integrations
APPROVED

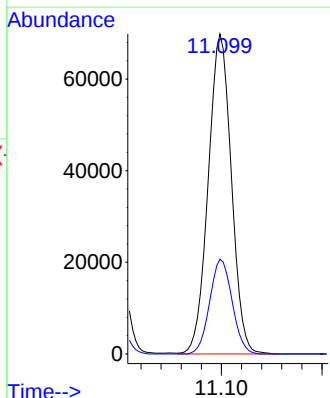
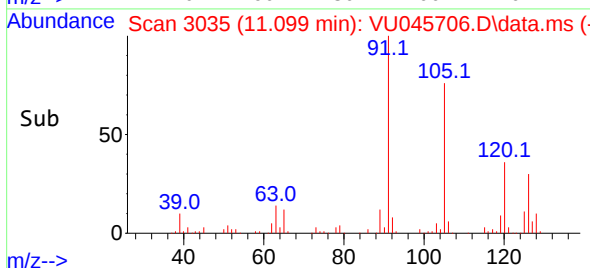
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

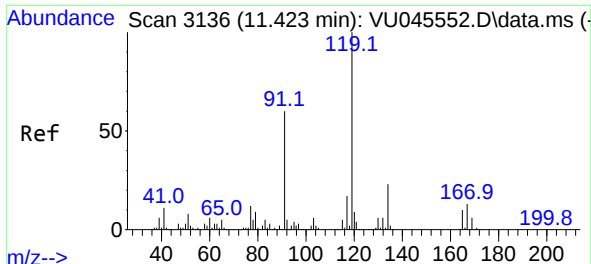


#82
4-Chlorotoluene
Concen: 19.091 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion: 91 Resp: 111545
Ion Ratio Lower Upper
91 100
126 28.7 13.8 41.4





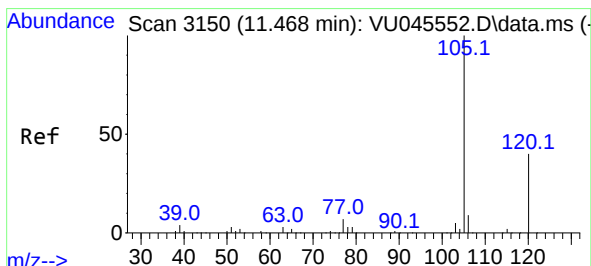
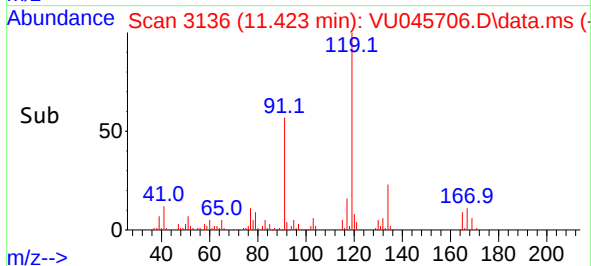
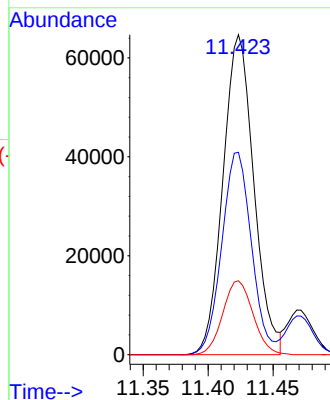
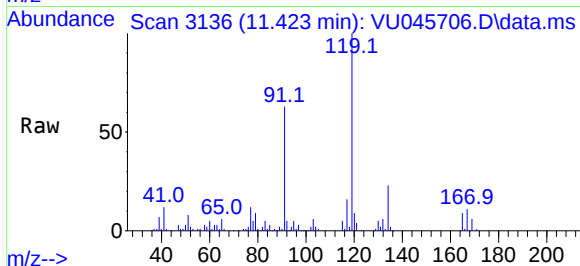
#83
tert-Butylbenzene
Concen: 18.969 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02

Tgt Ion:119 Resp: 107044
Ion Ratio Lower Upper
119 100
91 60.9 30.5 91.5
134 22.6 11.5 34.5

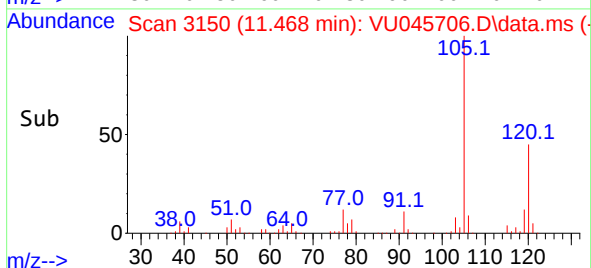
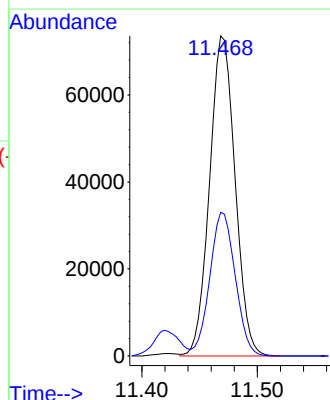
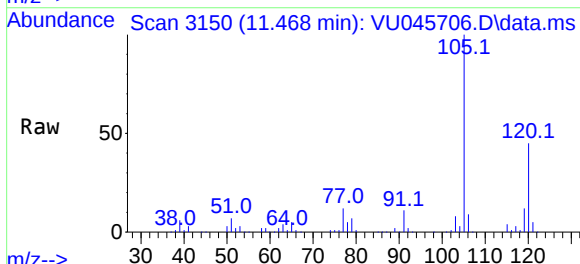
Manual Integrations
APPROVED

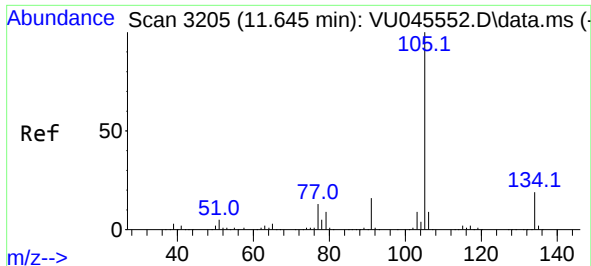
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#84
1,2,4-Trimethylbenzene
Concen: 19.211 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

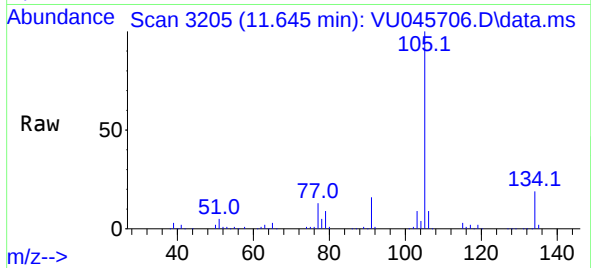
Tgt Ion:105 Resp: 113030
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 19.053 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU045706.D
 Acq: 10 Nov 2021 23:04

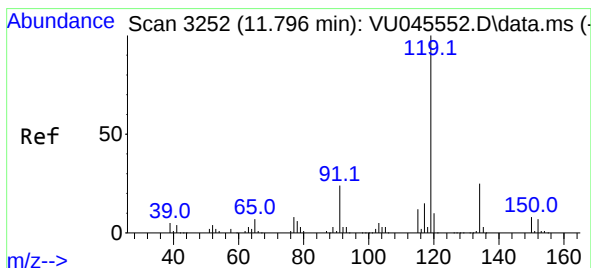
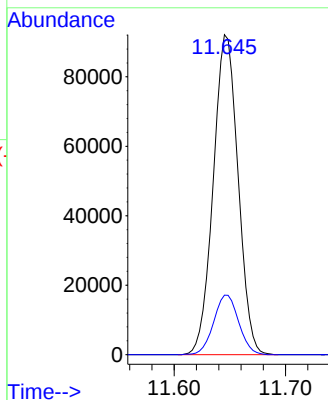
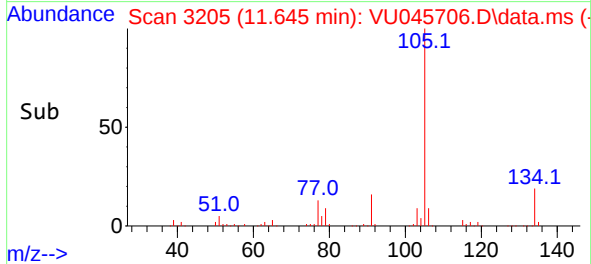
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1110WBSD02



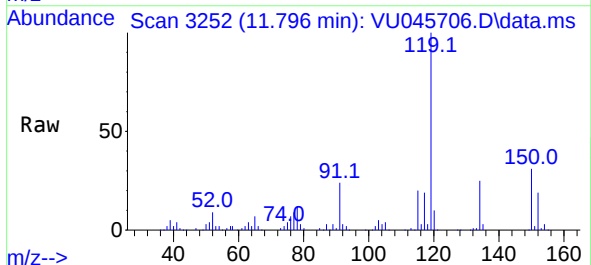
Tgt Ion:105 Resp: 142599
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

Manual Integrations
 APPROVED

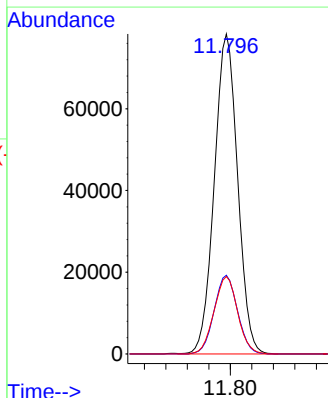
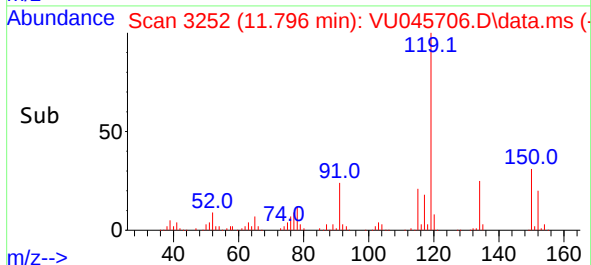
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021

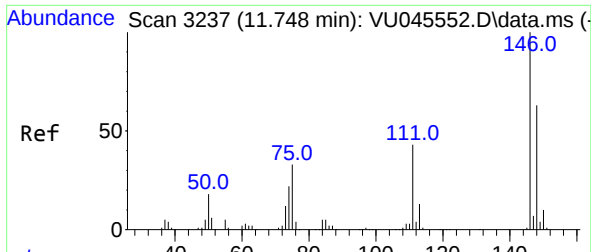


#86
 p-Isopropyltoluene
 Concen: 18.808 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045706.D
 Acq: 10 Nov 2021 23:04



Tgt Ion:119 Resp: 117627
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.7 38.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 18.315 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

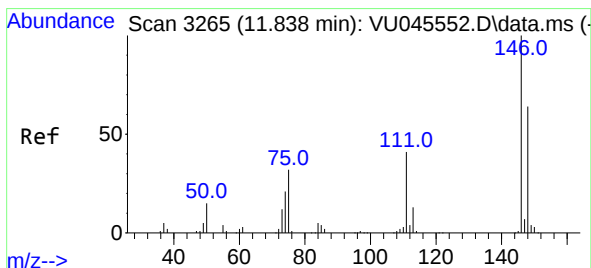
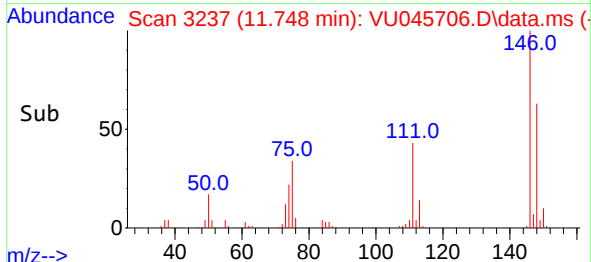
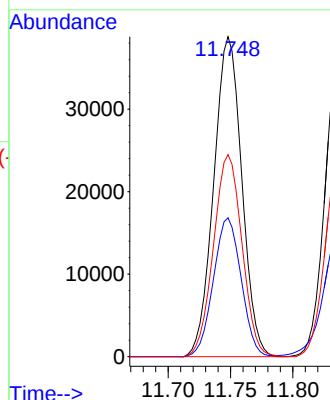
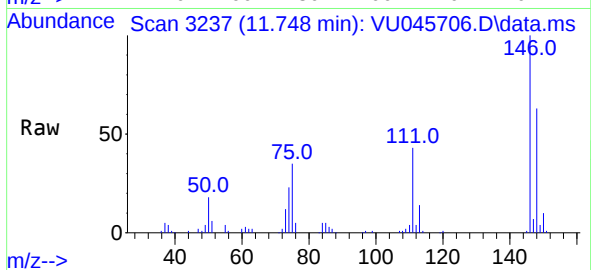
VU1110WBSD02

Tgt Ion:146 Resp: 60792
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.9
 148 64.1 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#88

1,4-Dichlorobenzene

Concen: 18.529 ug/l

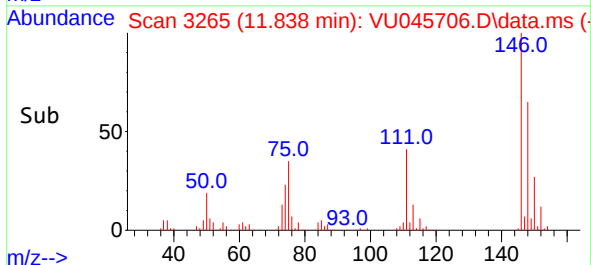
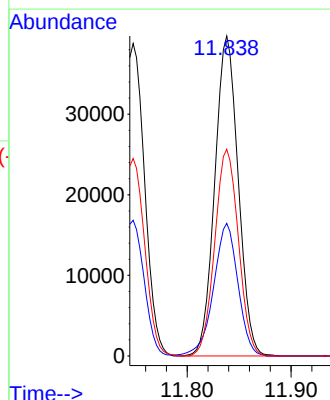
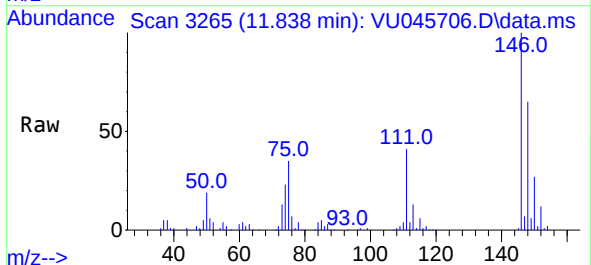
RT: 11.838 min Scan# 3265

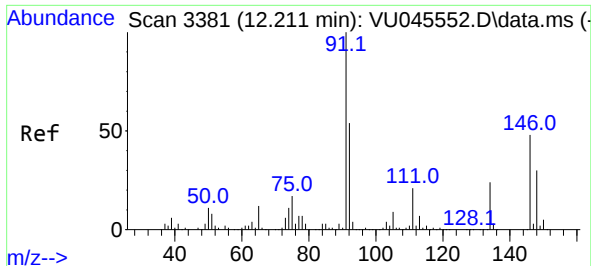
Delta R.T. 0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

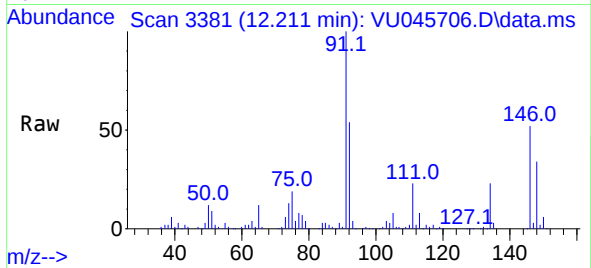
Tgt Ion:146 Resp: 62201
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.6 61.9
 148 65.3 31.9 95.7





#89
n-Butylbenzene
Concen: 17.445 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

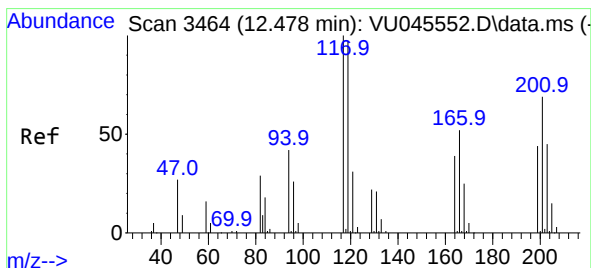
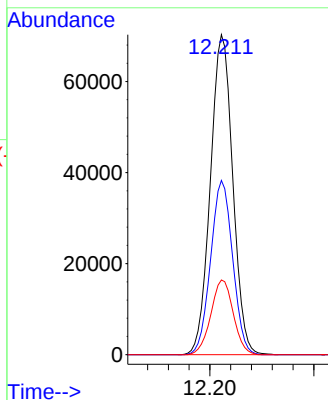
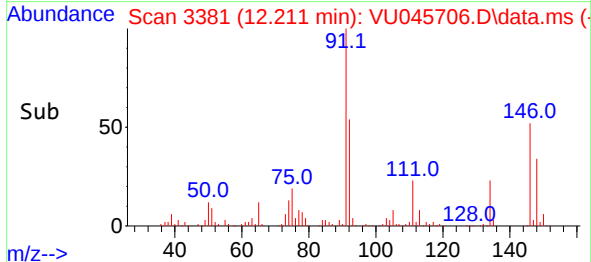
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



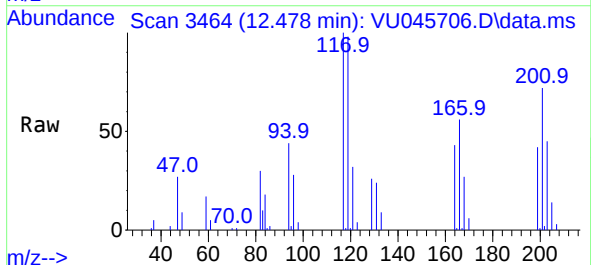
Tgt Ion: 91 Resp: 105100
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 23.4 11.8 35.4

Manual Integrations
APPROVED

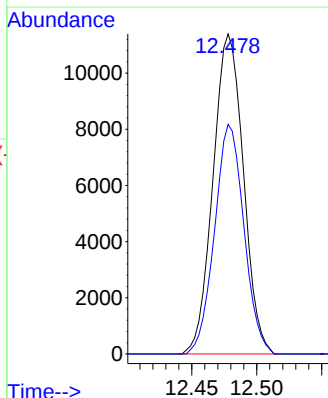
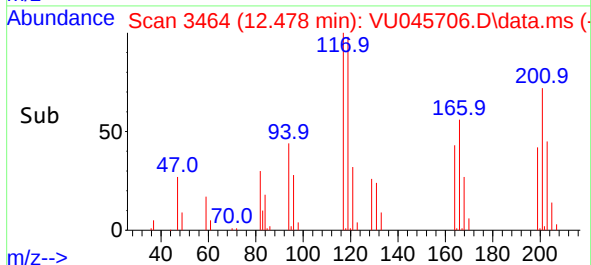
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

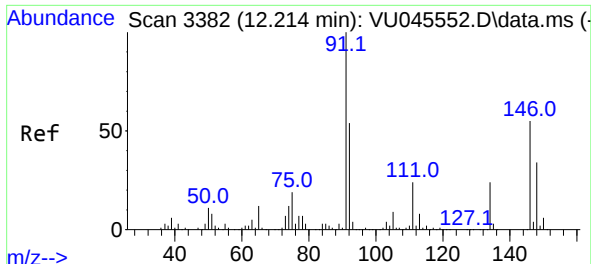


#90
Hexachloroethane
Concen: 16.406 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion:117 Resp: 18510
Ion Ratio Lower Upper
117 100
201 69.3 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 18.901 ug/l

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Instrument :

MSVOA_U

ClientSampleId :

VU1110WBSD02

Tgt Ion:146 Resp: 61030

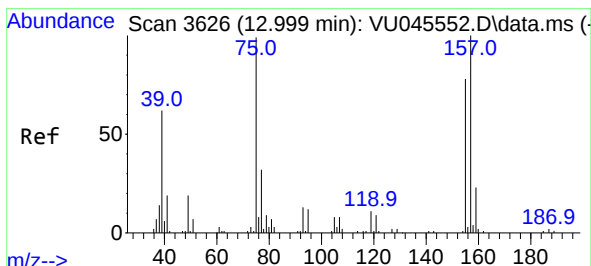
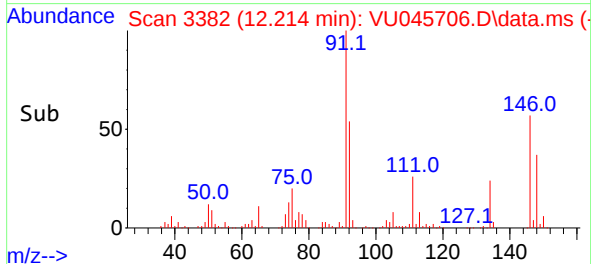
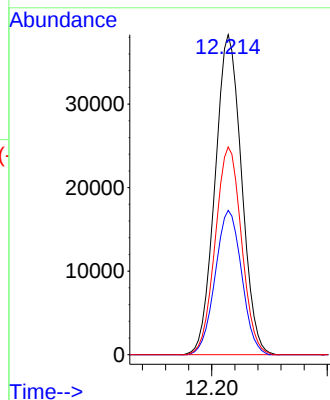
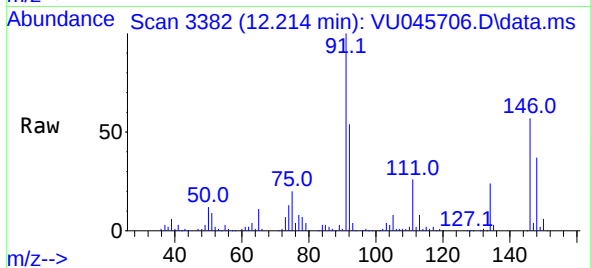
Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.9	65.5
148	64.3	32.1	96.3

Manual Integrations

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Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.998 ug/l

RT: 12.999 min Scan# 3626

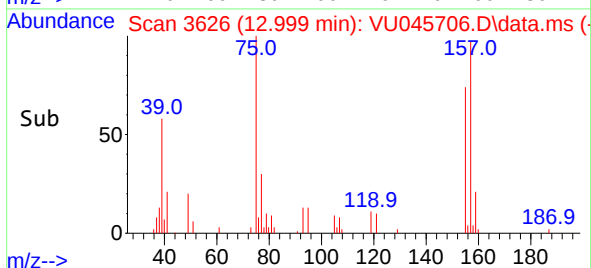
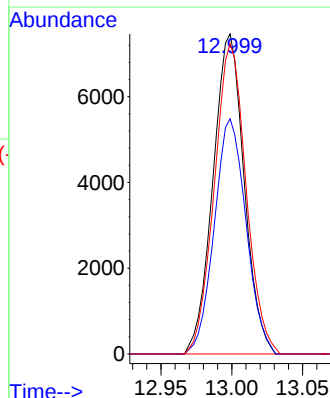
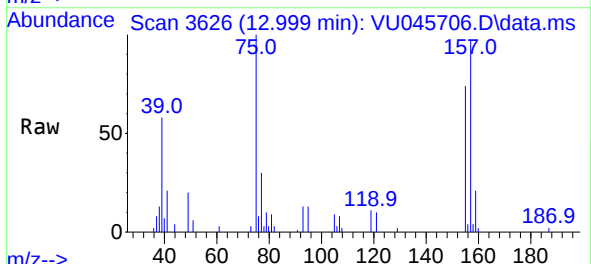
Delta R.T. -0.000 min

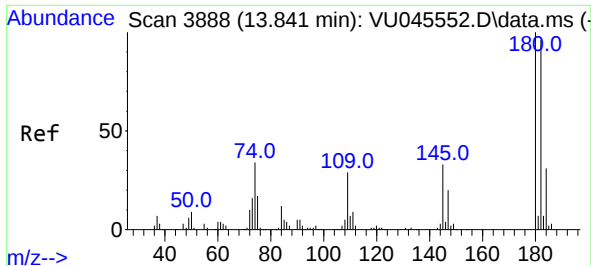
Lab File: VU045706.D

Acq: 10 Nov 2021 23:04

Tgt Ion: 75 Resp: 11400

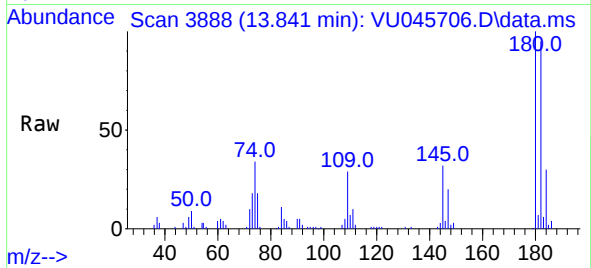
Ion	Ratio	Lower	Upper
75	100		
155	75.0	37.8	113.3
157	98.8	48.4	145.2





#93
1,2,4-Trichlorobenzene
Concen: 17.628 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

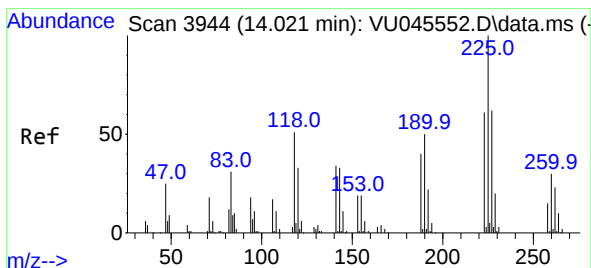
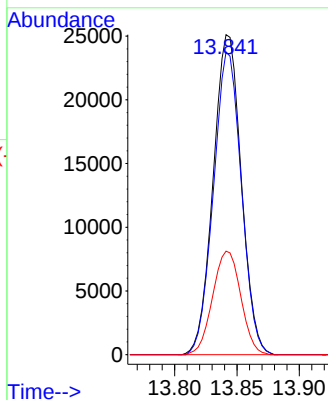
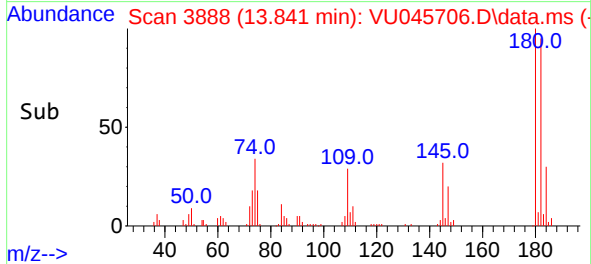
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



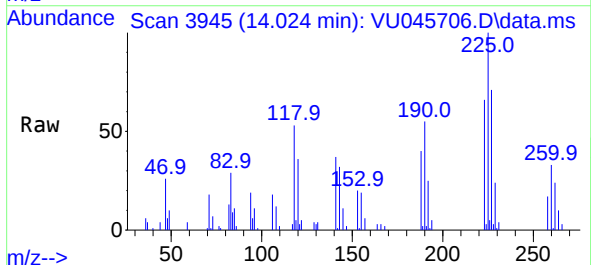
Tgt Ion:180 Resp: 39359
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.2
145 32.4 15.6 46.7

Manual Integrations
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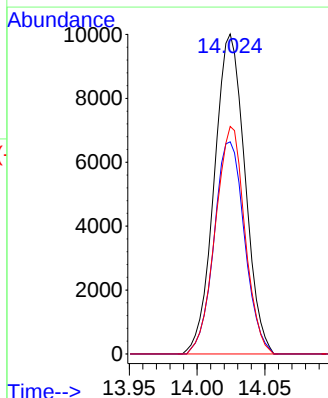
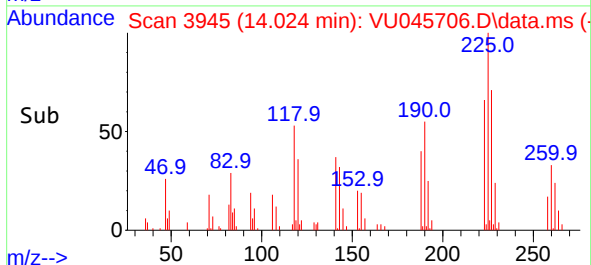
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

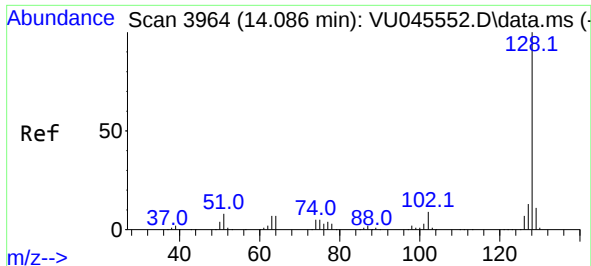


#94
Hexachlorobutadiene
Concen: 16.351 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



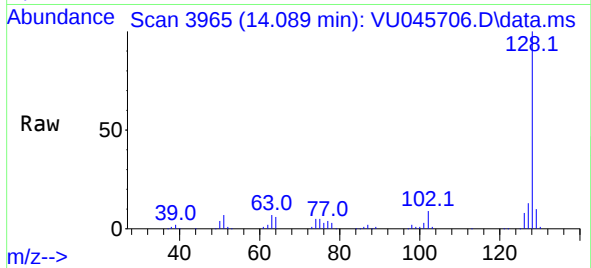
Tgt Ion:225 Resp: 15759
Ion Ratio Lower Upper
225 100
223 66.0 32.0 96.2
227 68.5 31.1 93.5





#95
Naphthalene
Concen: 17.497 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04

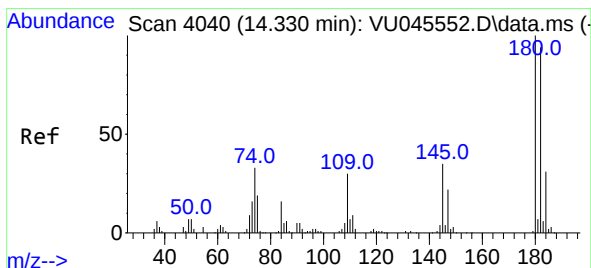
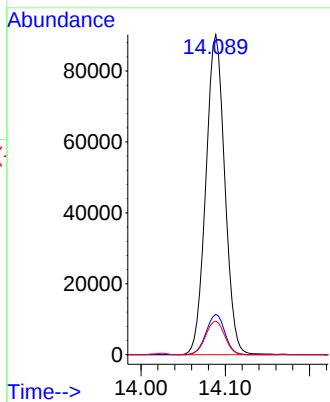
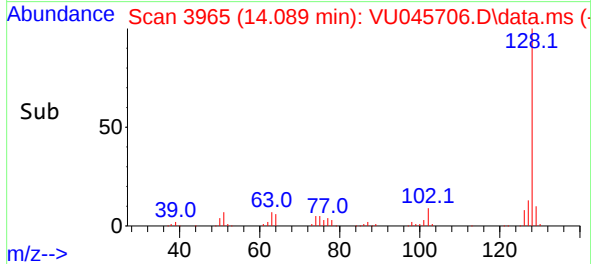
Instrument :
MSVOA_U
ClientSampleId :
VU1110WBSD02



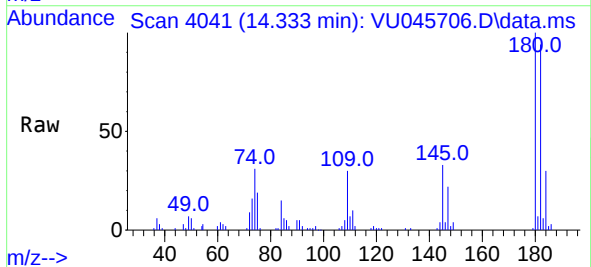
Tgt Ion:128 Resp: 14114
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.671 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045706.D
Acq: 10 Nov 2021 23:04



Tgt Ion:180 Resp: 41408
Ion Ratio Lower Upper
180 100
182 93.4 47.7 143.1
145 32.9 16.7 50.0

