

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045726.D
 Acq On : 11 Nov 2021 06:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 13:11:54 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	5.375	168	110760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	201080	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	197678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	104468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	85452	51.516	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.040%			
35) Dibromofluoromethane	5.292	113	65789	49.005	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.000%			
50) Toluene-d8	7.899	98	248754	49.830	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.660%			
62) 4-Bromofluorobenzene	10.636	95	96673	48.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	68064	47.396	ug/l	100
3) Chloromethane	1.520	50	74107	45.102	ug/l	98
4) Vinyl Chloride	1.604	62	80184	50.097	ug/l	99
5) Bromomethane	1.848	94	50000	56.006	ug/l	100
6) Chloroethane	1.932	64	48722	46.644	ug/l	96
7) Trichlorofluoromethane	2.138	101	105565	49.876	ug/l	99
8) Diethyl Ether	2.375	74	42670	50.929	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	59022	47.756	ug/l	97
10) Methyl Iodide	2.723	142	60641	37.494	ug/l	92
11) Tert butyl alcohol	3.173	59	74233	226.098	ug/l	99
12) 1,1-Dichloroethene	2.581	96	58358	47.891	ug/l	99
13) Acrolein	2.488	56	11431	240.258	ug/l	91
14) Allyl chloride	2.925	41	101773	46.775	ug/l	98
15) Acrylonitrile	3.311	53	223124	254.538	ug/l	99
16) Acetone	2.623	43	174639	206.823	ug/l	99
17) Carbon Disulfide	2.793	76	148642	43.550	ug/l	99
18) Methyl Acetate	2.948	43	142597	49.582	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	224557	51.195	ug/l	98
20) Methylene Chloride	3.047	84	72344	49.308	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	63175	49.834	ug/l	97
22) Diisopropyl ether	3.993	45	222774	52.144	ug/l	98
23) Vinyl Acetate	3.957	43	848838	258.332	ug/l	100
24) 1,1-Dichloroethane	3.871	63	131267	51.561	ug/l	99
25) 2-Butanone	4.700	43	282922	241.579	ug/l	100
26) 2,2-Dichloropropane	4.668	77	73779	34.972	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	76649	51.478	ug/l	96
28) Bromochloromethane	4.977	49	57041	46.997	ug/l	97
29) Tetrahydrofuran	5.047	42	179388	250.415	ug/l	99
30) Chloroform	5.089	83	130942	52.005	ug/l	99
31) Cyclohexane	5.391	56	111871	46.222	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	110484	51.456	ug/l	98
36) 1,1-Dichloropropene	5.530	75	91813	46.827	ug/l	99
37) Ethyl Acetate	4.803	43	107610	47.779	ug/l	98
38) Carbon Tetrachloride	5.526	117	96673	48.906	ug/l	98
39) Methylcyclohexane	6.764	83	106822	44.410	ug/l	97
40) Benzene	5.777	78	278477	47.973	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	60851	51.125	ug/l	97
42) 1,2-Dichloroethane	5.797	62	103062	49.153	ug/l	99
43) Isopropyl Acetate	5.912	43	163413	47.436	ug/l	98
44) Trichloroethene	6.546	130	68841	49.544	ug/l	98
45) 1,2-Dichloropropane	6.793	63	77100	50.196	ug/l	100
46) Dibromomethane	6.919	93	52969	49.771	ug/l	99
47) Bromodichloromethane	7.108	83	104187	51.594	ug/l	97
48) Methyl methacrylate	6.960	41	76822	48.450	ug/l	97
49) 1,4-Dioxane	6.960	88	34318	841.621	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	565183	248.709	ug/l	99
52) Toluene	7.970	92	177837	50.040	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	104863	45.184	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	116309	47.184	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	74891	50.846	ug/l	99
56) Ethyl methacrylate	8.333	69	116605	44.421	ug/l	97
57) 1,3-Dichloropropane	8.578	76	131519	49.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	268040	197.669	ug/l	99
59) 2-Hexanone	8.684	43	425021	216.002	ug/l	99
60) Dibromochloromethane	8.812	129	77623	50.611	ug/l	97
61) 1,2-Dibromoethane	8.925	107	77822	49.263	ug/l	99
64) Tetrachloroethene	8.555	164	61071	53.827	ug/l	98
65) Chlorobenzene	9.449	112	184928	47.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	66952	48.346	ug/l	98
67) Ethyl Benzene	9.571	91	341368	49.093	ug/l	99
68) m/p-Xylenes	9.697	106	261760	99.816	ug/l	100
69) o-Xylene	10.102	106	126721	49.703	ug/l	99
70) Styrene	10.115	104	218968	50.767	ug/l	98
71) Bromoform	10.292	173	57086	43.951	ug/l #	98
73) Isopropylbenzene	10.488	105	336920	49.359	ug/l	100
74) N-amyl acetate	10.320	43	143351	46.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	128343	47.457	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	111842m	35.303	ug/l	
77) Bromobenzene	10.783	156	79069	47.710	ug/l	97
78) n-propylbenzene	10.909	91	411064	48.386	ug/l	100
79) 2-Chlorotoluene	10.986	91	244121	48.638	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	289393	48.525	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	32624	34.708	ug/l	99
82) 4-Chlorotoluene	11.099	91	282051	47.916	ug/l	99
83) tert-Butylbenzene	11.423	119	274927	48.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	292992	49.431	ug/l	99
85) sec-Butylbenzene	11.645	105	359252	47.648	ug/l	100
86) p-Isopropyltoluene	11.796	119	300601	47.710	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	153659	45.953	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	156980	46.418	ug/l	99
89) n-Butylbenzene	12.211	91	273457	45.056	ug/l	100
90) Hexachloroethane	12.478	117	48421	42.602	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	154232	47.409	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	28439	44.567	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	99430	44.203	ug/l	99
94) Hexachlorobutadiene	14.024	225	38966	40.131	ug/l	98
95) Naphthalene	14.089	128	375617	44.533	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	103602	46.370	ug/l	99

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VSTDCCC050EC

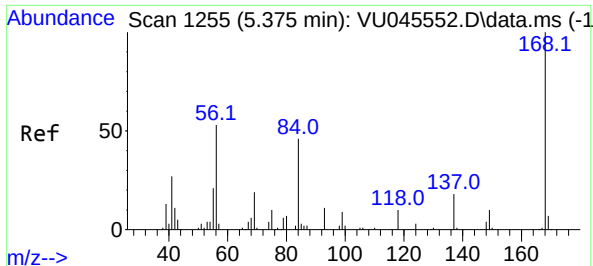
Manual Integrations
APPROVED

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

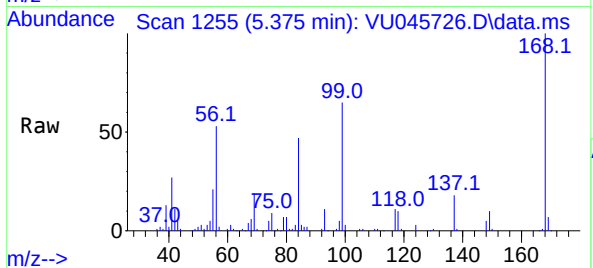
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045726.D
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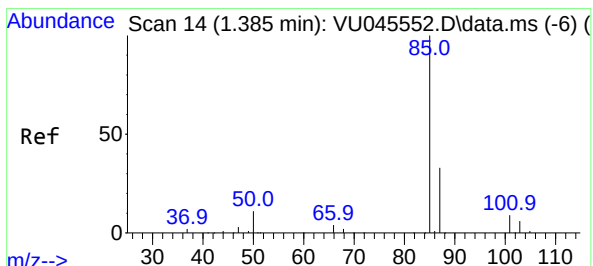
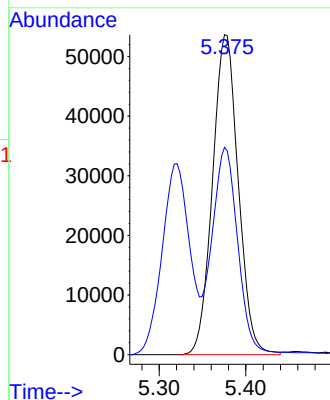
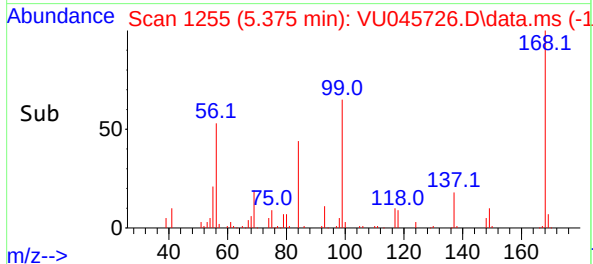
Instrument :
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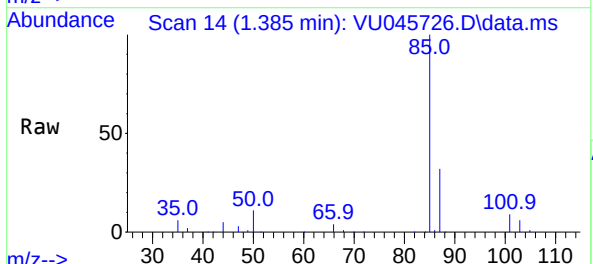
Tgt Ion:168 Resp: 110760
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.6

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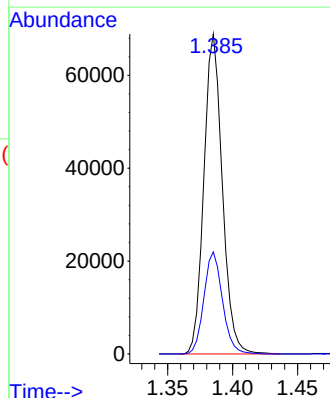
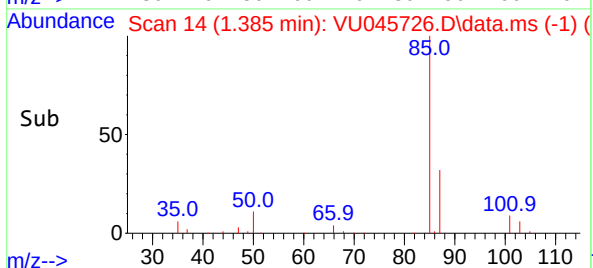
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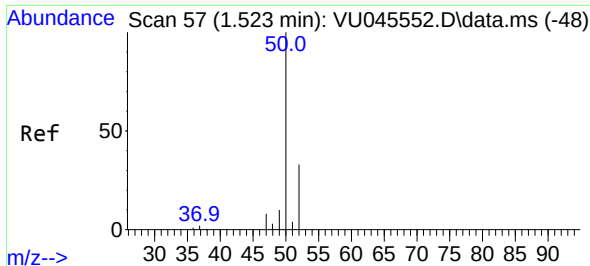


#2
Dichlorodifluoromethane
Concen: 47.396 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 85 Resp: 68064
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.7





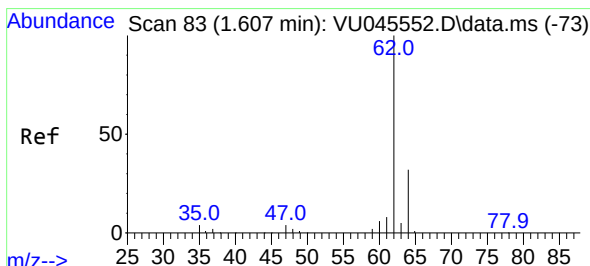
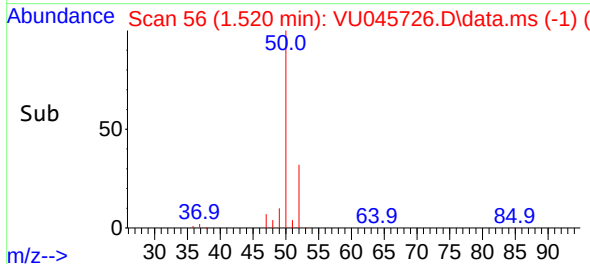
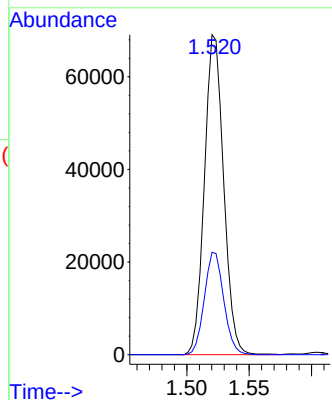
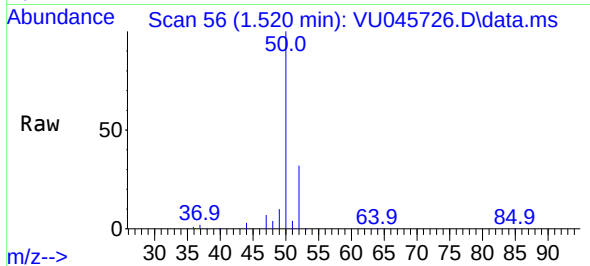
#3
Chloromethane
Concen: 45.102 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

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Tgt Ion: 50 Resp: 7410
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0

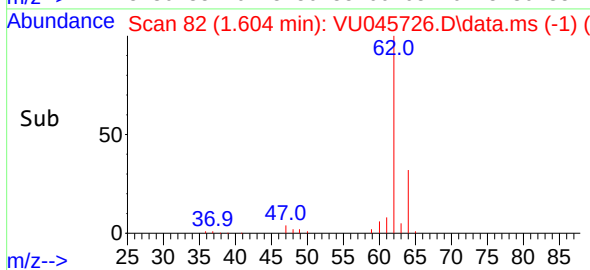
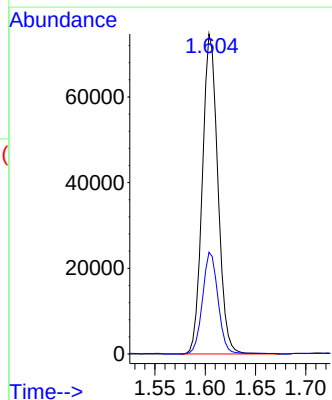
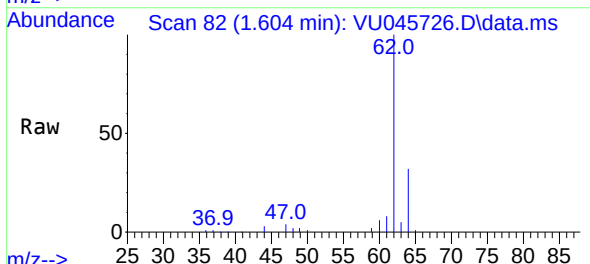
Manual Integrations
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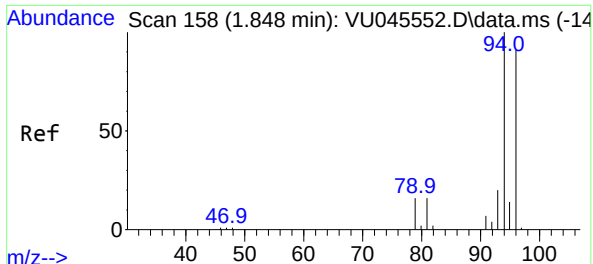
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#4
Vinyl Chloride
Concen: 50.097 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

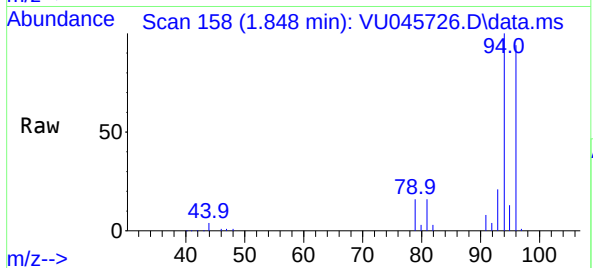
Tgt Ion: 62 Resp: 80184
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 56.006 ug/l
RT: 1.848 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

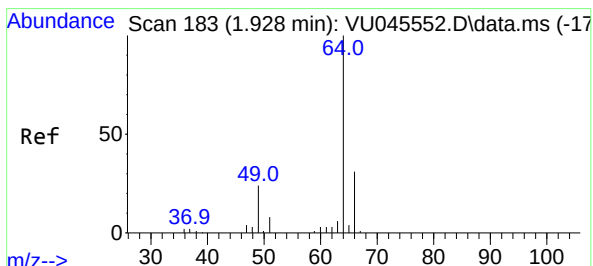
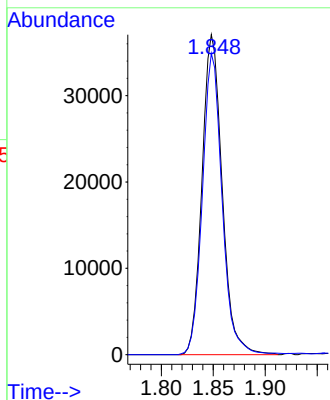
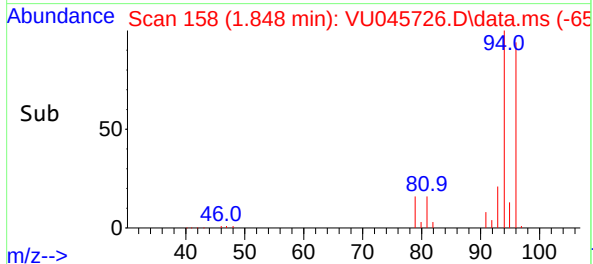
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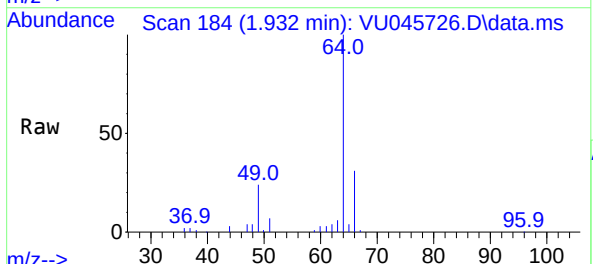
Tgt Ion: 94 Resp: 50000
Ion Ratio Lower Upper
94 100
96 94.2 75.4 113.2

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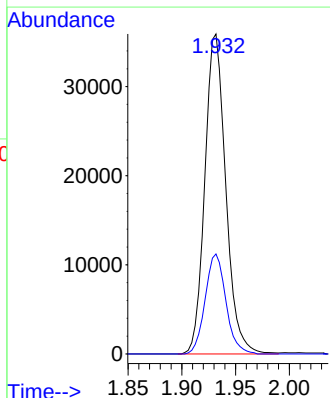
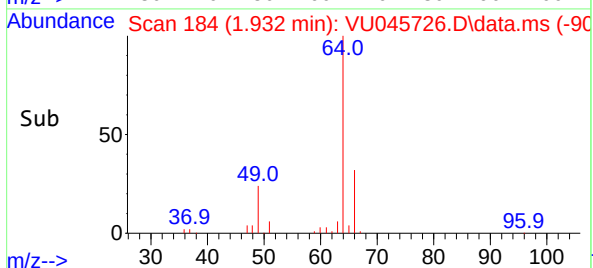
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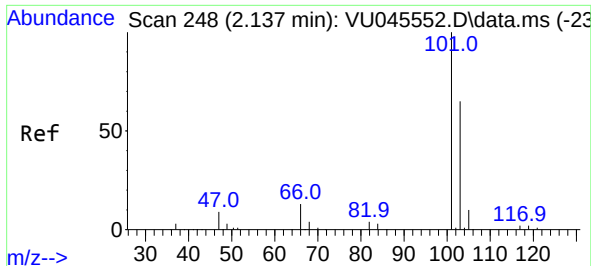


#6
Chloroethane
Concen: 46.644 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 64 Resp: 48722
Ion Ratio Lower Upper
64 100
66 31.2 26.7 40.1





#7
Trichlorofluoromethane
Concen: 49.876 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

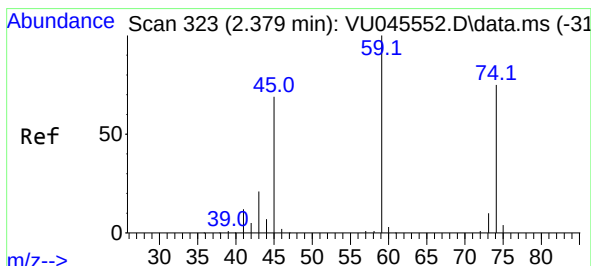
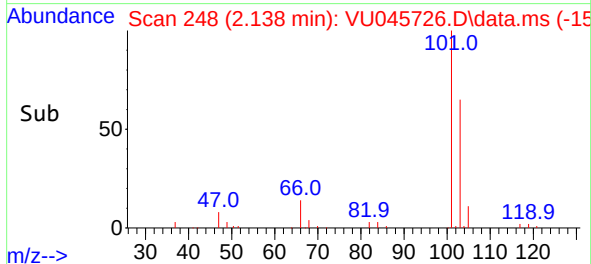
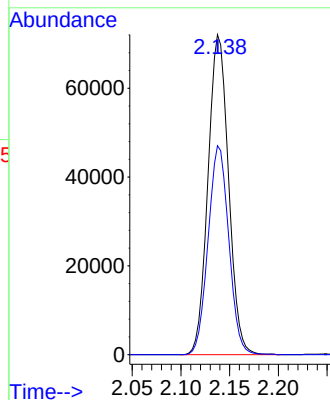
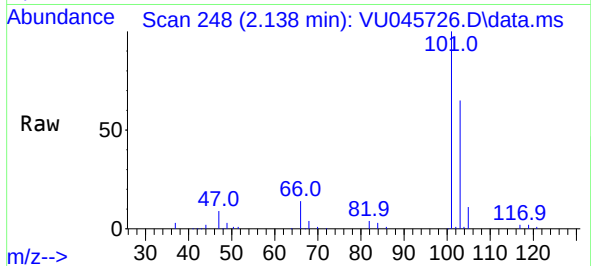
VSTDCCC050EC

Tgt Ion:101 Resp: 10556
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

Manual Integrations

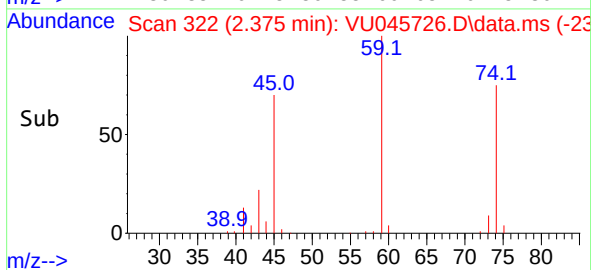
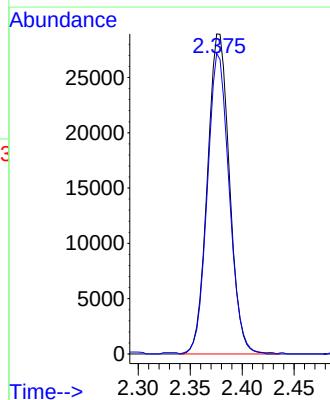
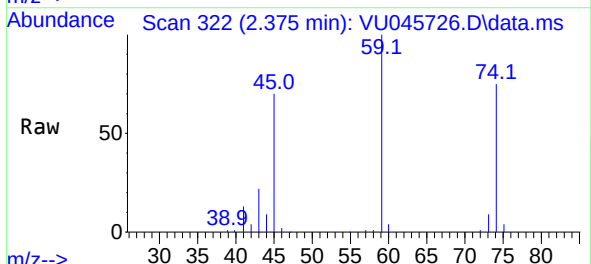
APPROVED

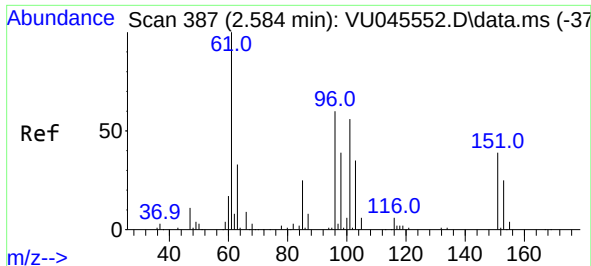
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#8
Diethyl Ether
Concen: 50.929 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045726.D
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Tgt Ion: 74 Resp: 42670
Ion Ratio Lower Upper
74 100
45 93.1 47.3 141.8





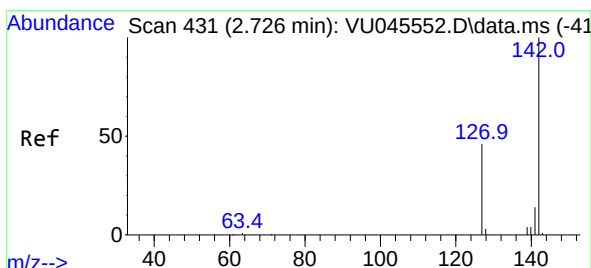
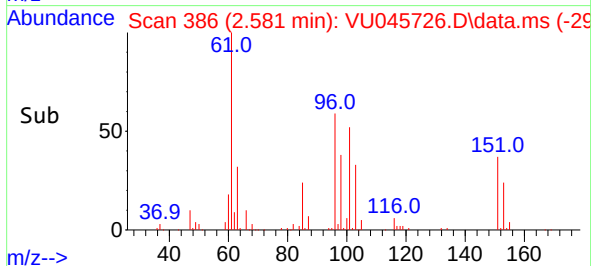
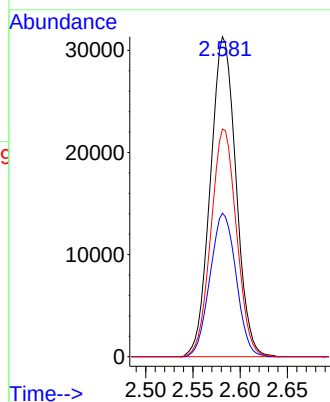
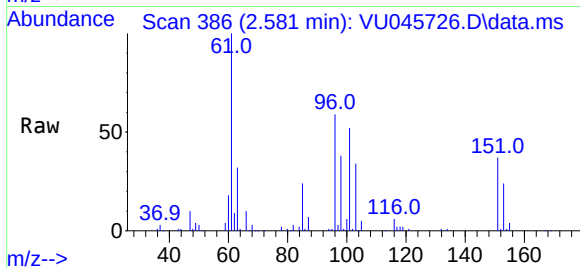
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.756 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045726.D
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Tgt Ion:101 Resp: 5902
Ion Ratio Lower Upper
101 100
85 45.6 35.0 52.4
151 71.2 54.6 82.0

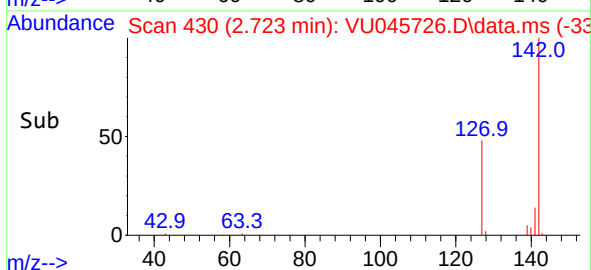
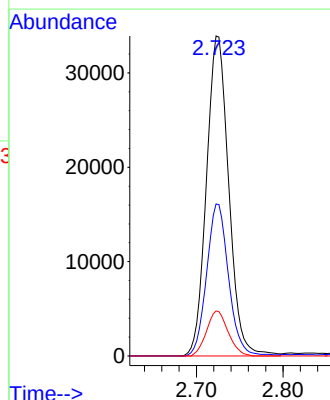
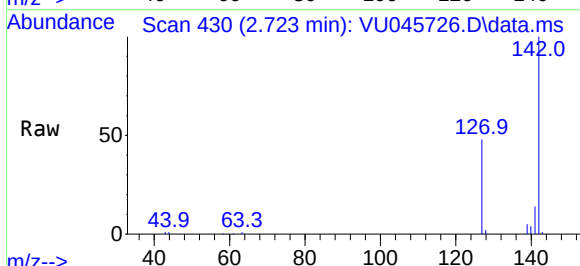
Manual Integrations
APPROVED

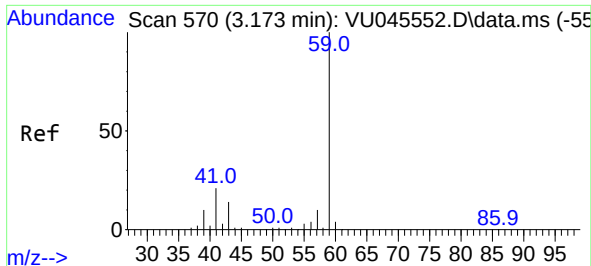
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 37.494 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion:142 Resp: 60641
Ion Ratio Lower Upper
142 100
127 46.7 32.2 48.2
141 13.6 11.3 16.9





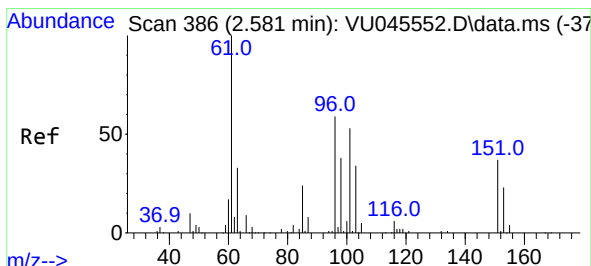
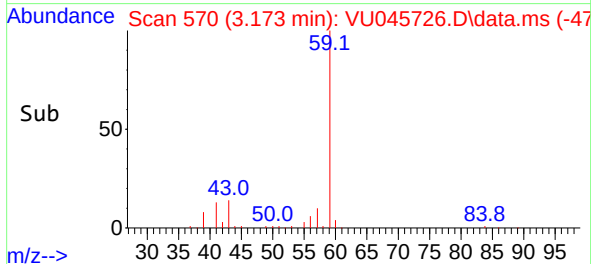
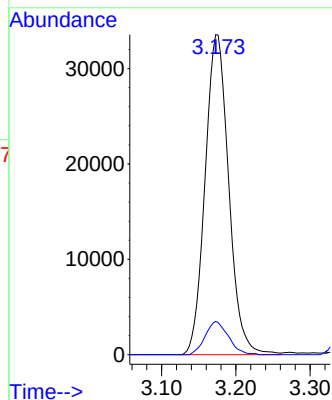
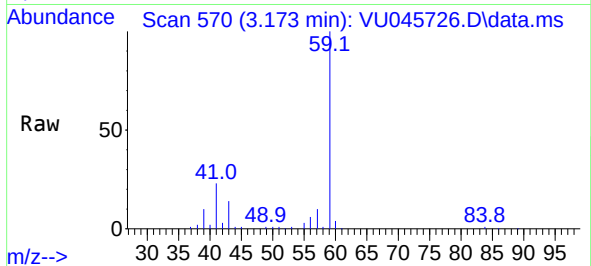
#11
Tert butyl alcohol
Concen: 226.098 ug/l
RT: 3.173 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7423
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

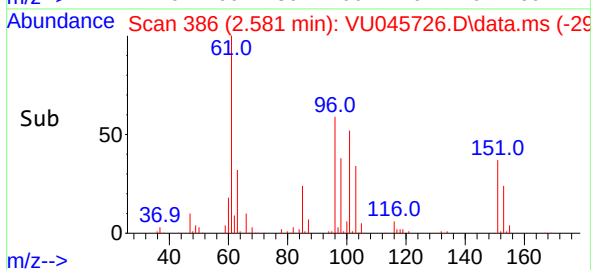
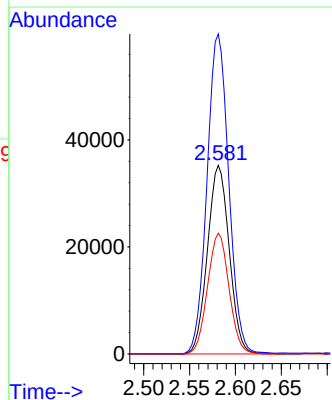
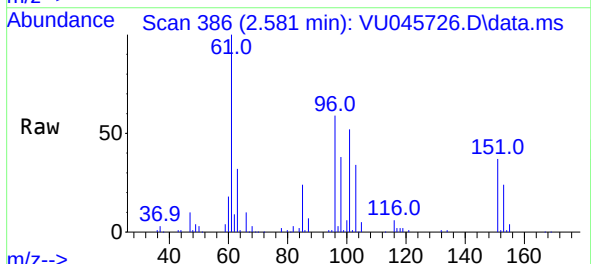
Manual Integrations
APPROVED

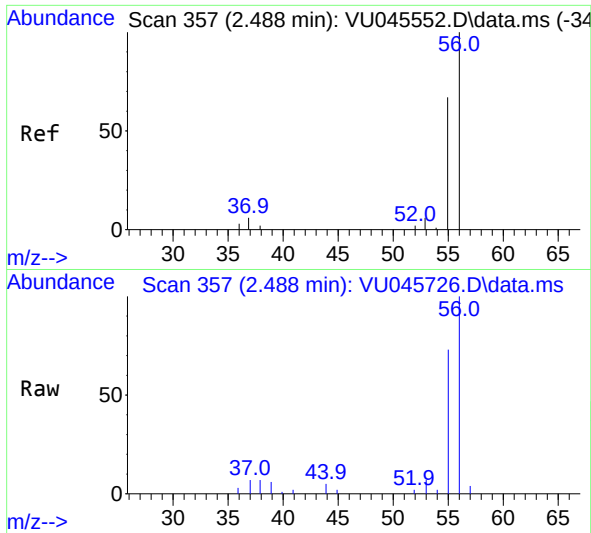
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#12
1,1-Dichloroethene
Concen: 47.891 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion: 96 Resp: 58358
Ion Ratio Lower Upper
96 100
61 169.6 137.1 205.7
98 64.0 51.5 77.3





#13

Acrolein

Concen: 240.258 ug/l

RT: 2.488 min Scan# 357

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 1143

Ion Ratio Lower Upper

56 100

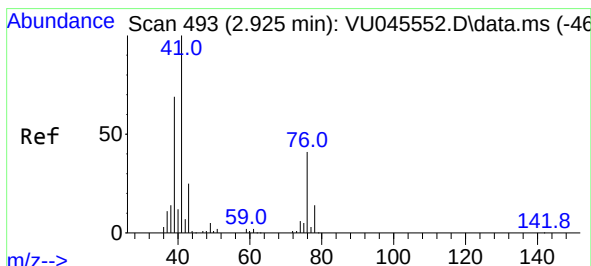
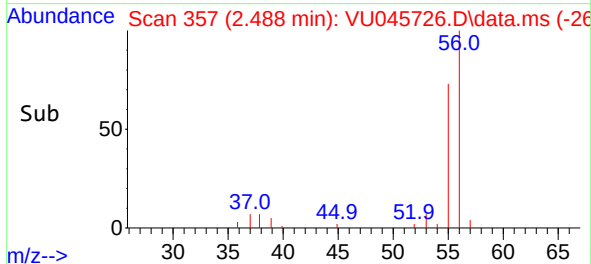
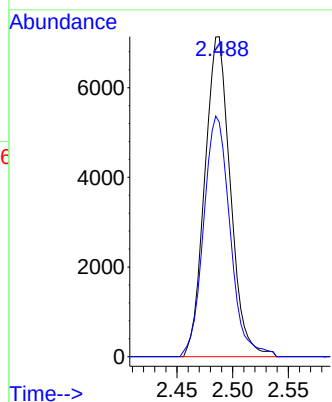
55 77.7 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#14

Allyl chloride

Concen: 46.775 ug/l

RT: 2.925 min Scan# 493

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

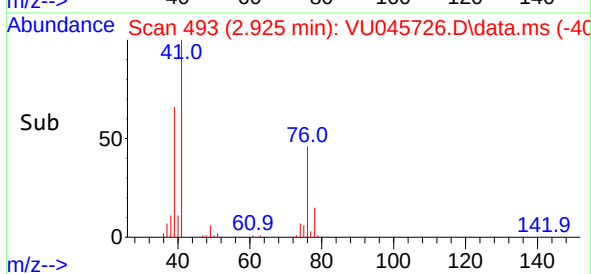
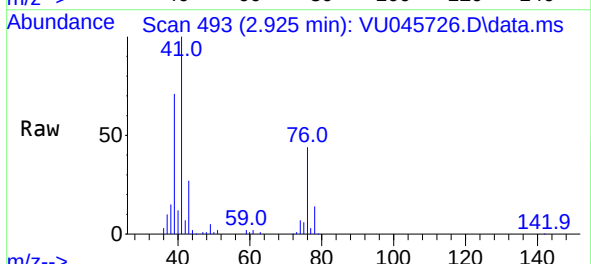
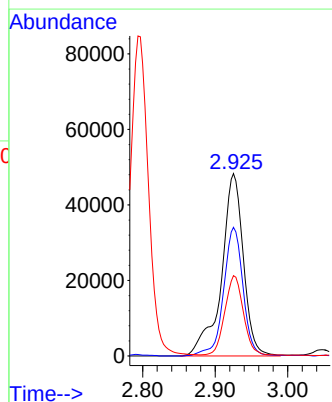
Tgt Ion: 41 Resp: 101773

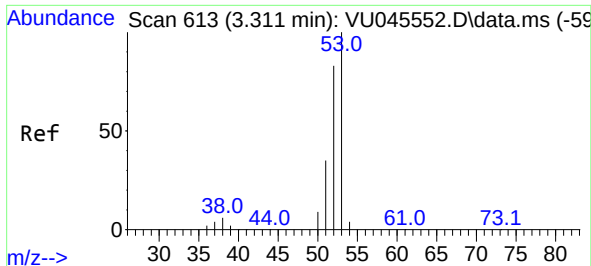
Ion Ratio Lower Upper

41 100

39 62.3 49.7 74.5

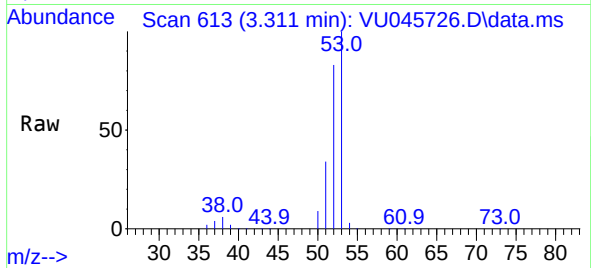
76 37.3 27.7 41.5





#15
Acrylonitrile
Concen: 254.538 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

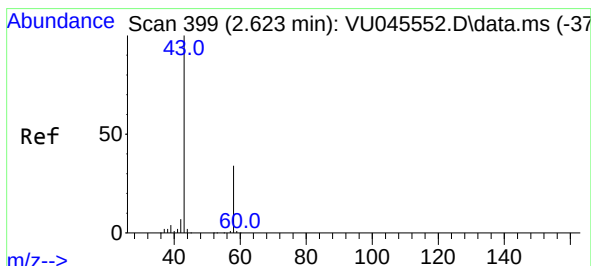
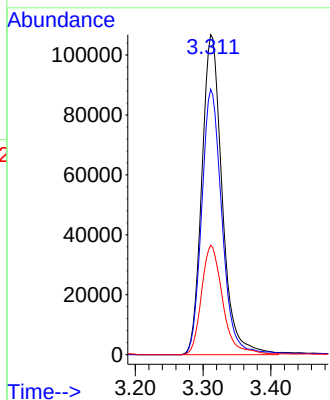
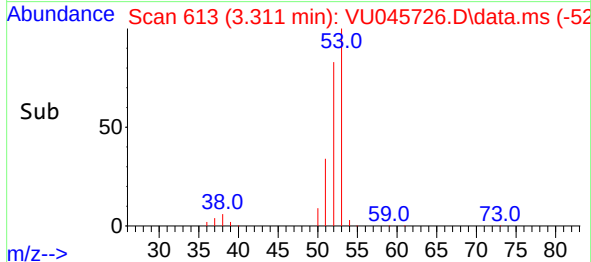
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



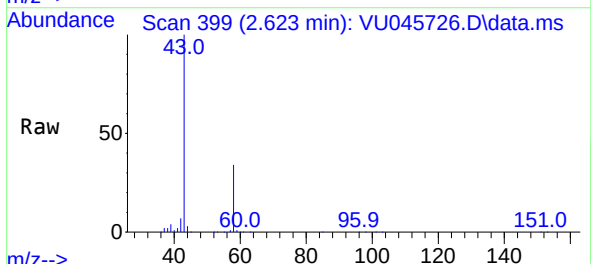
Tgt Ion: 53 Resp: 223124
Ion Ratio Lower Upper
53 100
52 82.8 66.6 100.0
51 35.9 28.4 42.6

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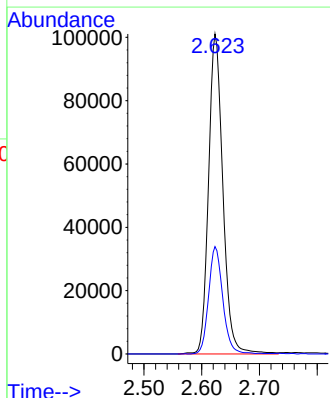
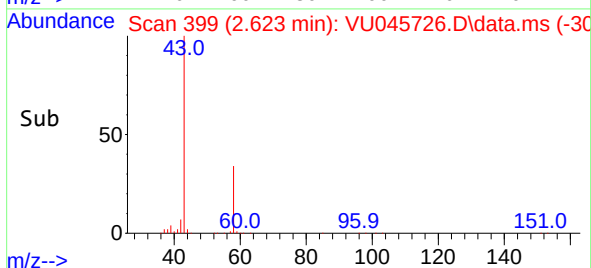
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

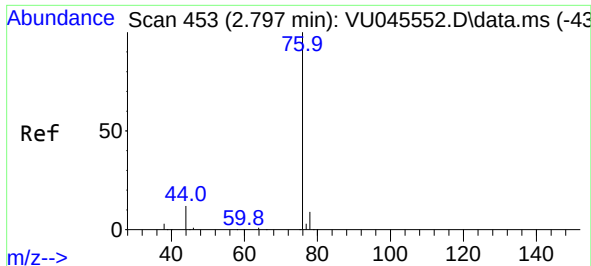


#16
Acetone
Concen: 206.823 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 43 Resp: 174639
Ion Ratio Lower Upper
43 100
58 33.5 26.2 39.2





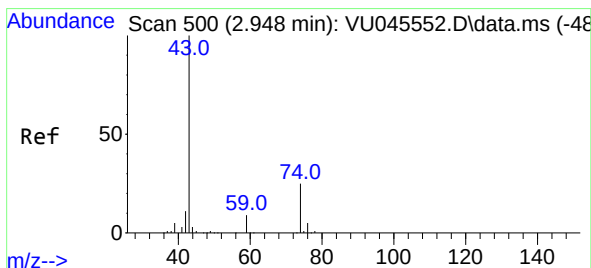
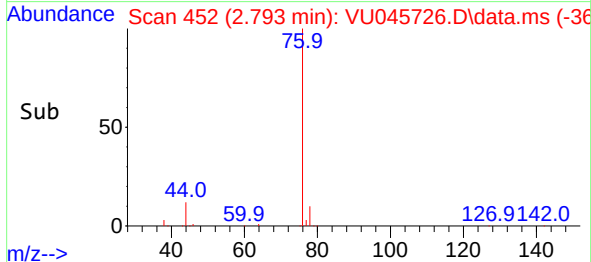
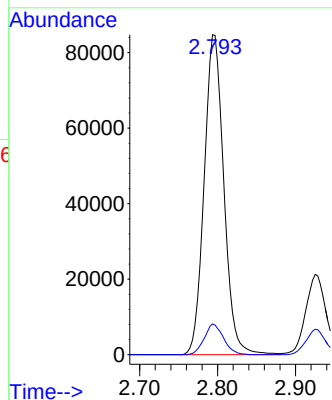
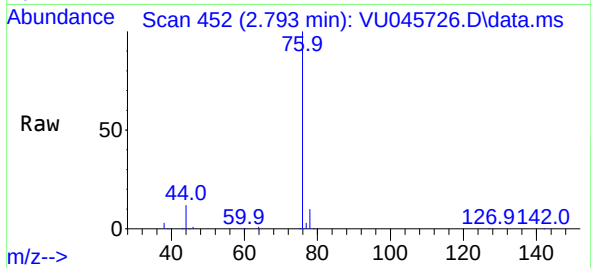
#17
Carbon Disulfide
Concen: 43.550 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 14864
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

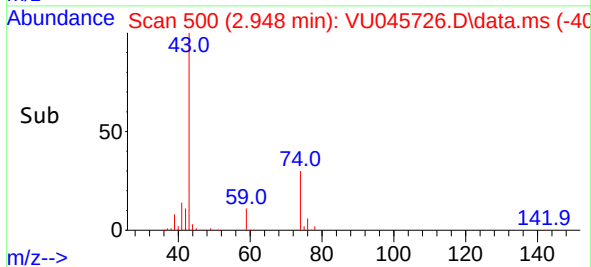
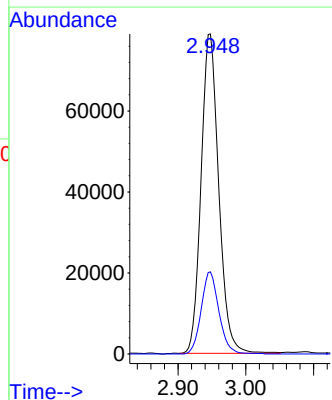
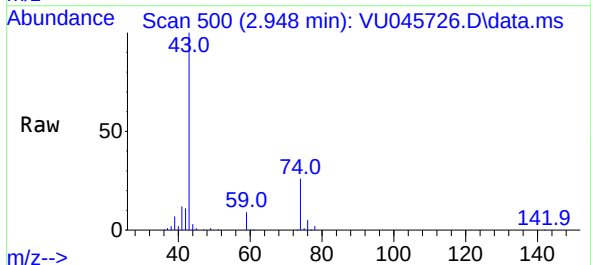
Manual Integrations
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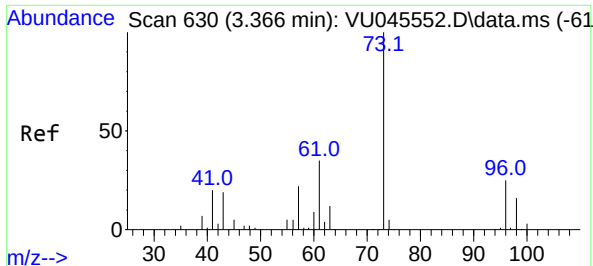
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 49.582 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

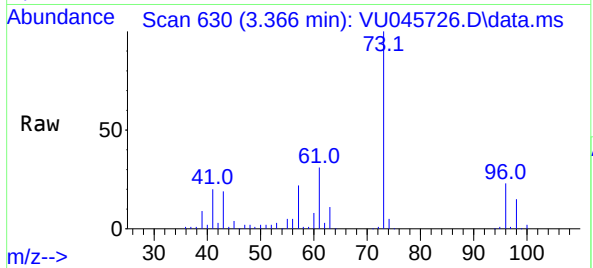
Tgt Ion: 43 Resp: 142597
Ion Ratio Lower Upper
43 100
74 25.8 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 51.195 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

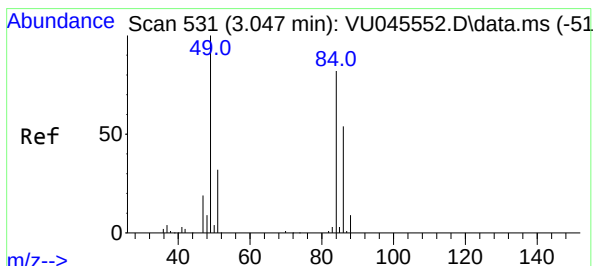
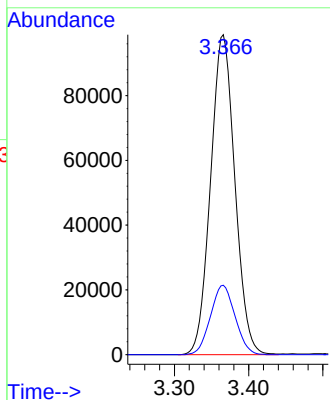
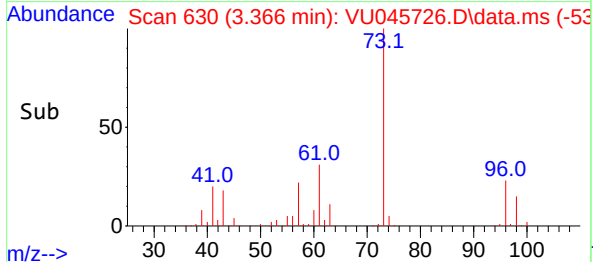
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 22455
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1

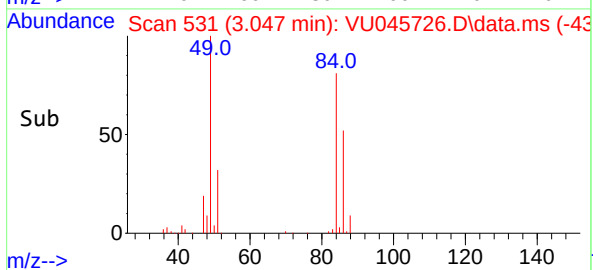
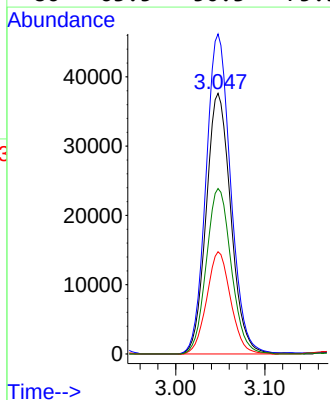
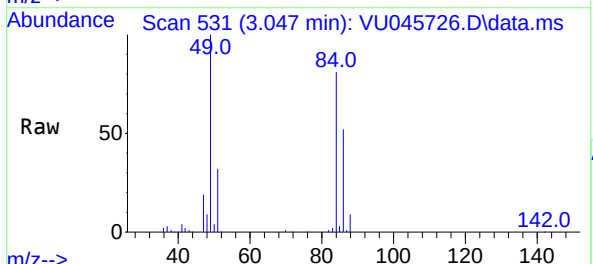
Manual Integrations
APPROVED

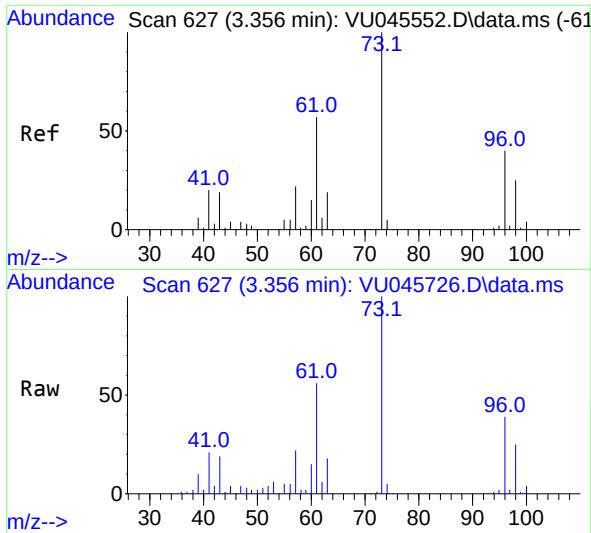
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#20
Methylene Chloride
Concen: 49.308 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion: 84 Resp: 72344
Ion Ratio Lower Upper
84 100
49 122.8 96.4 144.6
51 39.2 30.5 45.7
86 63.5 50.3 75.5





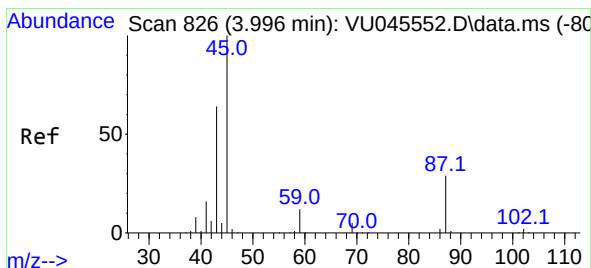
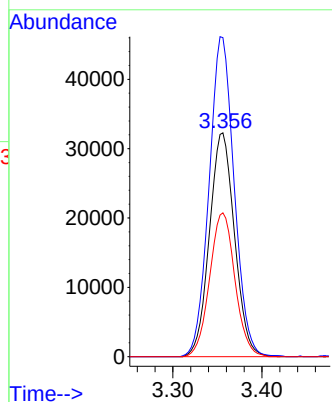
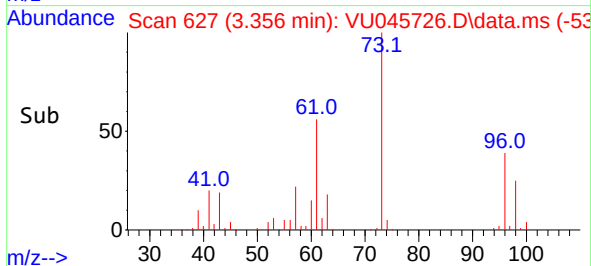
#21
trans-1,2-Dichloroethene
Concen: 49.834 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 6317
Ion Ratio Lower Upper
96 100
61 142.5 118.2 177.4
98 64.2 52.1 78.1

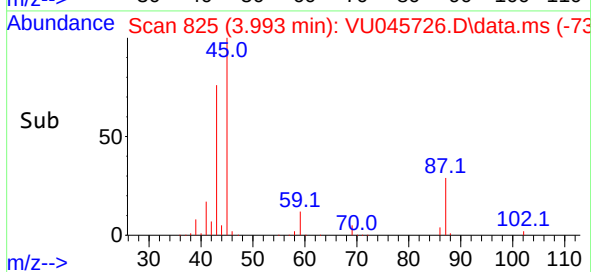
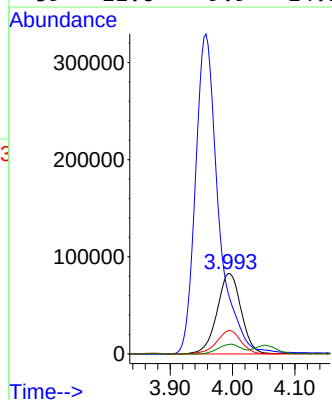
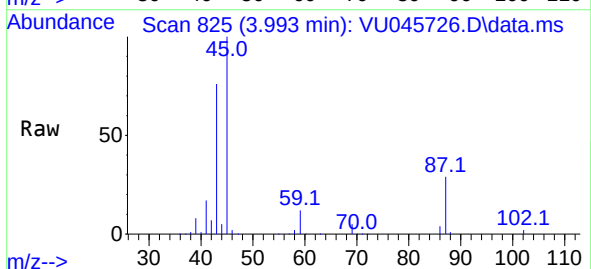
Manual Integrations
APPROVED

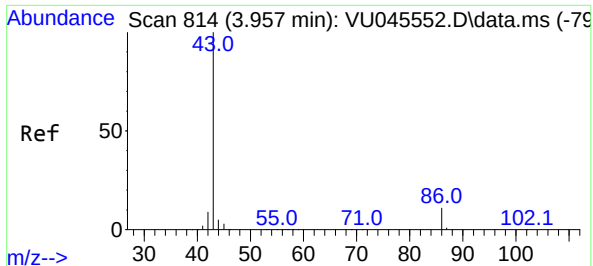
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#22
Diisopropyl ether
Concen: 52.144 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

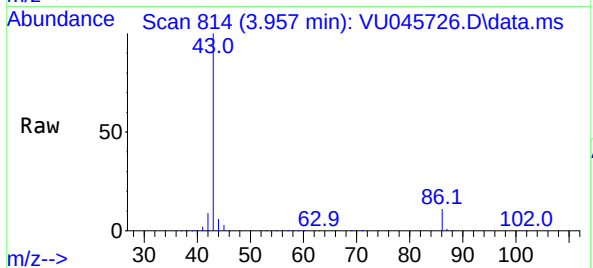
Tgt Ion: 45 Resp: 222774
Ion Ratio Lower Upper
45 100
43 73.9 60.0 90.0
87 28.9 22.3 33.5
59 11.6 9.9 14.9





#23
 Vinyl Acetate
 Concen: 258.332 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045726.D
 Acq: 11 Nov 2021 06:45

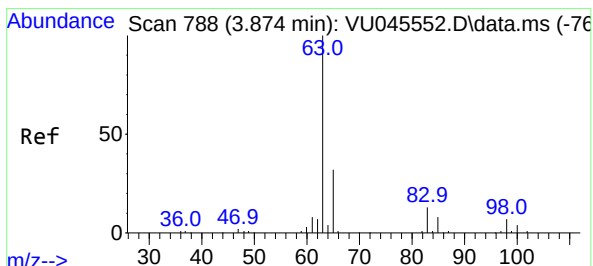
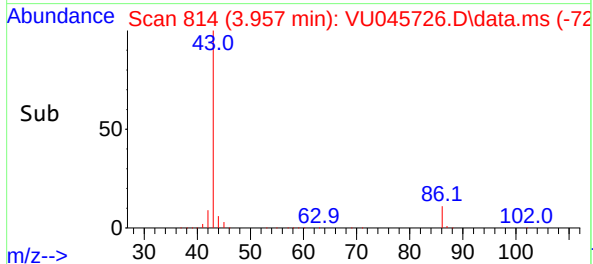
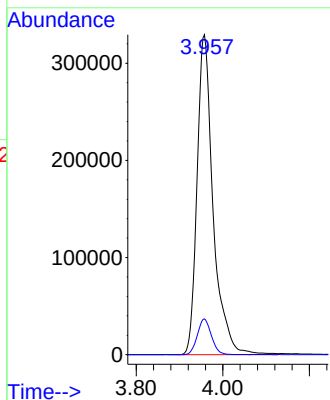
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 848838
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

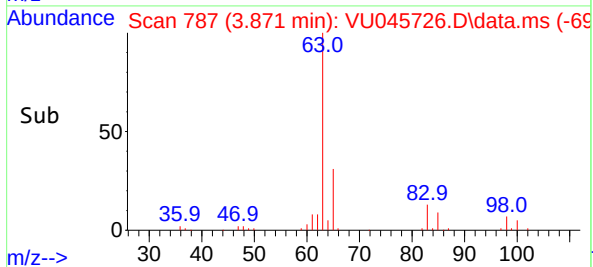
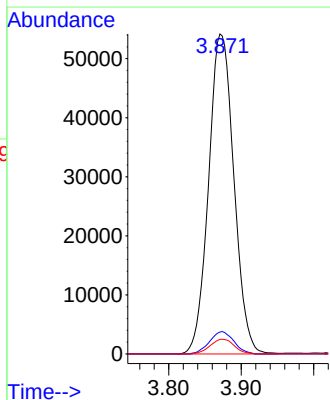
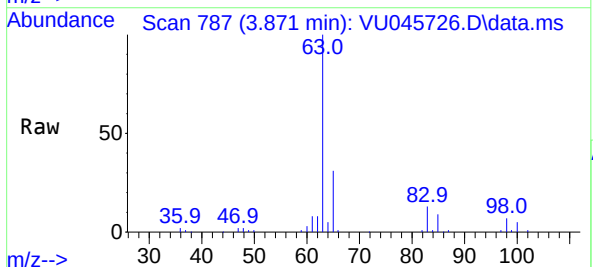
Manual Integrations
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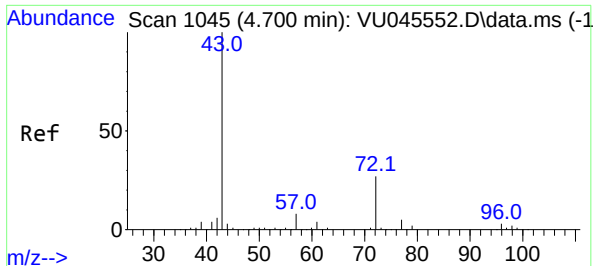
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#24
 1,1-Dichloroethane
 Concen: 51.561 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045726.D
 Acq: 11 Nov 2021 06:45

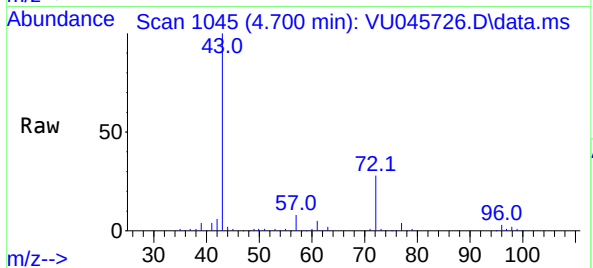
Tgt Ion: 63 Resp: 131267
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 241.579 ug/l
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

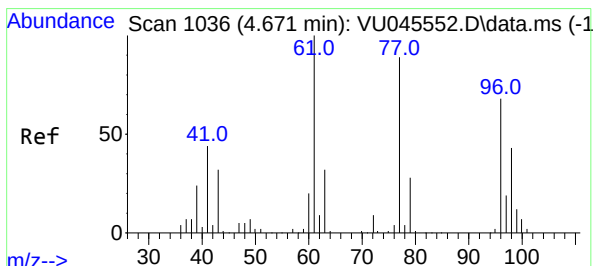
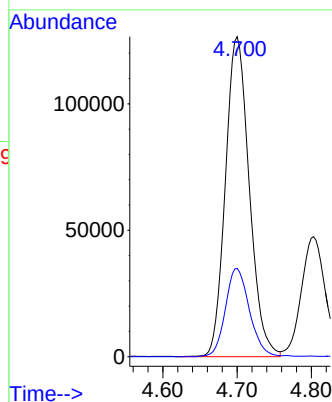
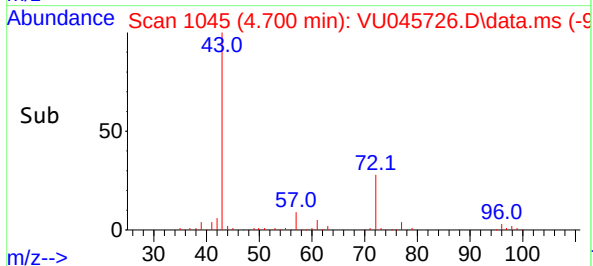
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



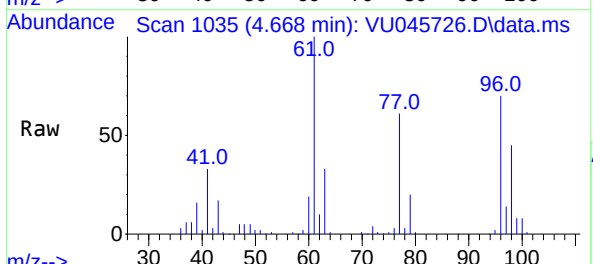
Tgt Ion: 43 Resp: 28292
Ion Ratio Lower Upper
43 100
72 27.6 22.0 33.0

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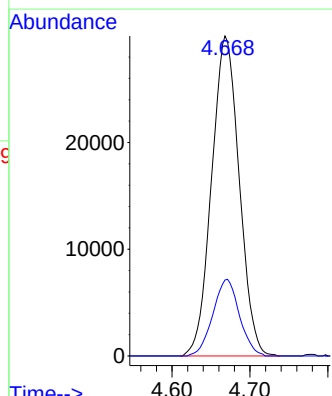
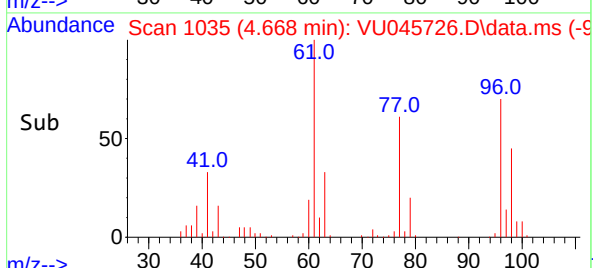
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

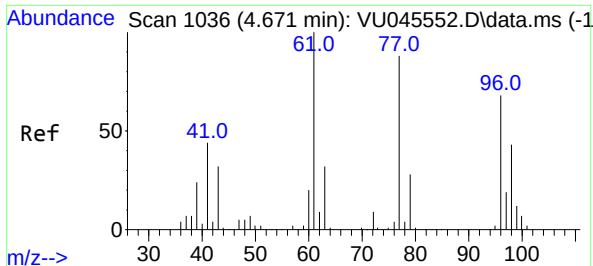


#26
2,2-Dichloropropane
Concen: 34.972 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 77 Resp: 73779
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 51.478 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

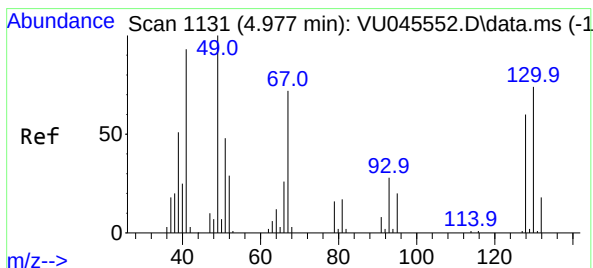
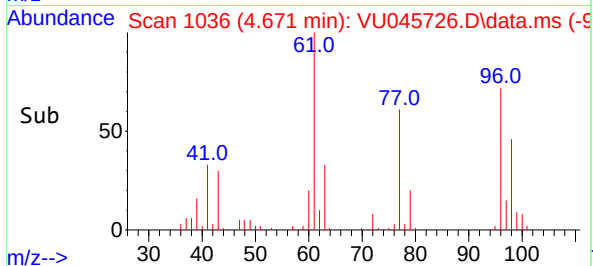
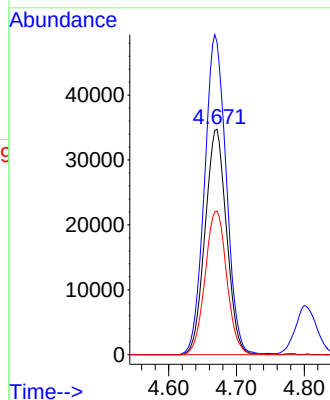
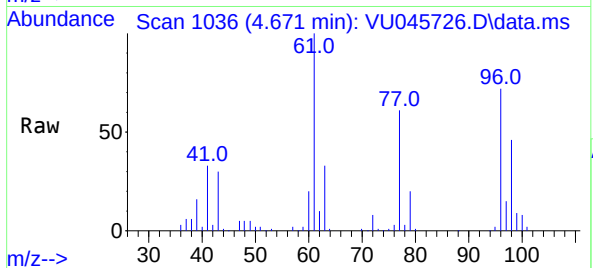
VSTDCCC050EC

Tgt Ion: 96 Resp: 76649
Ion Ratio Lower Upper
96 100
61 142.9 0.0 299.2
98 64.1 0.0 127.6

Manual Integrations

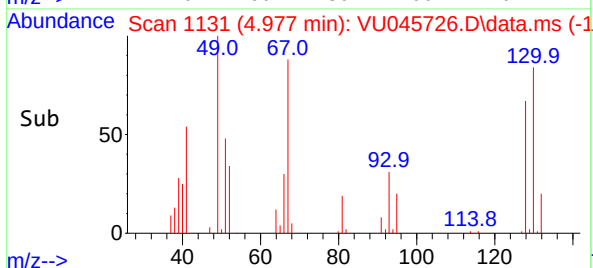
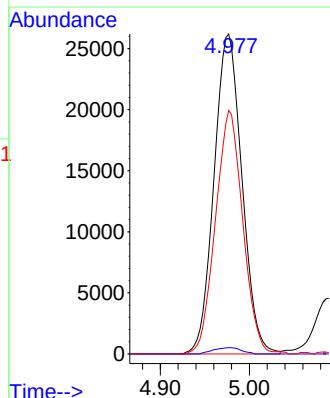
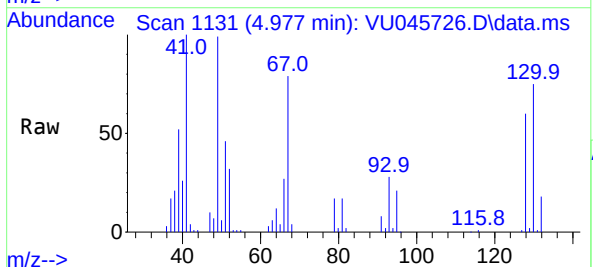
APPROVED

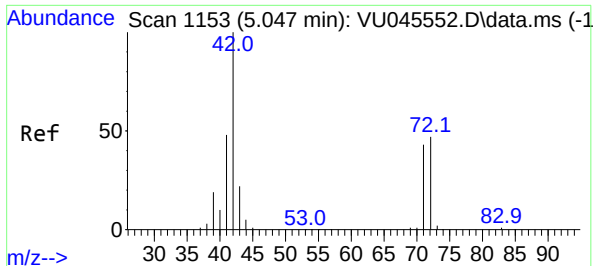
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#28
Bromochloromethane
Concen: 46.997 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

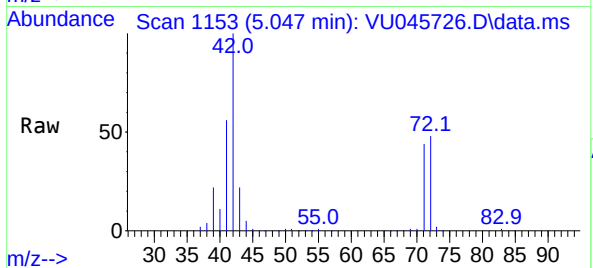
Tgt Ion: 49 Resp: 57041
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.4
130 74.4 57.5 86.3





#29
Tetrahydrofuran
Concen: 250.415 ug/l
RT: 5.047 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

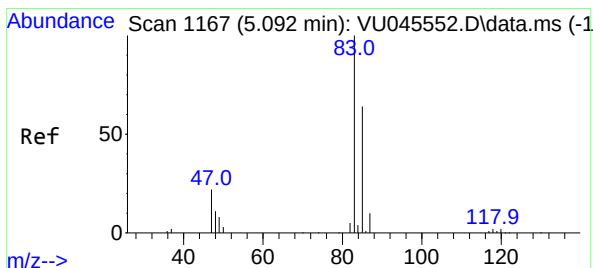
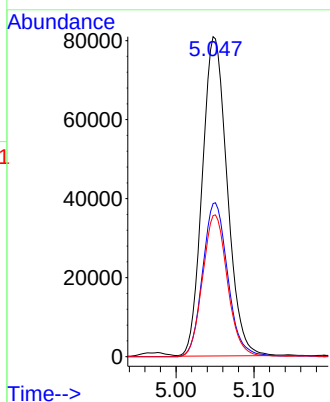
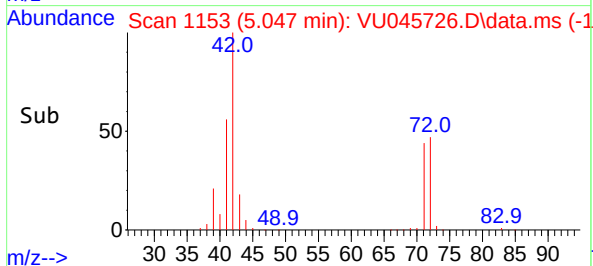
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



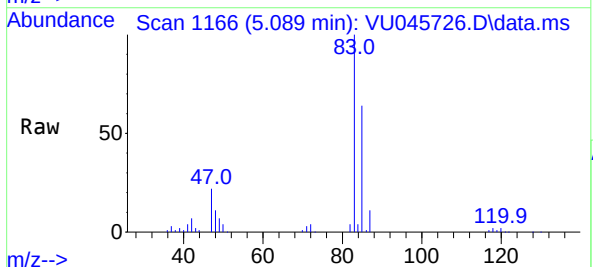
Tgt Ion: 42 Resp: 17938
Ion Ratio Lower Upper
42 100
72 48.6 38.2 57.4
71 44.4 35.4 53.2

Manual Integrations
APPROVED

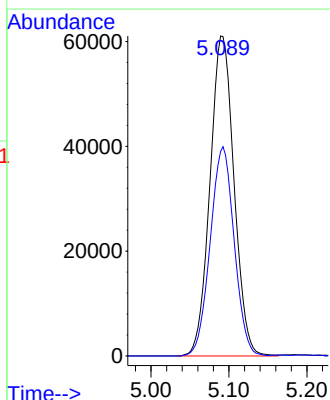
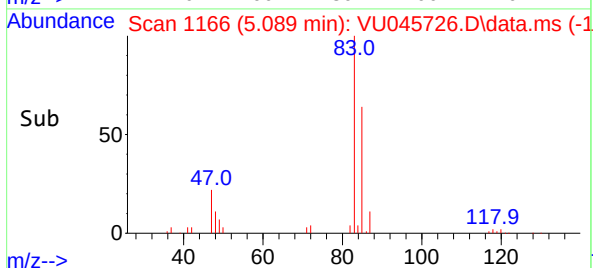
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

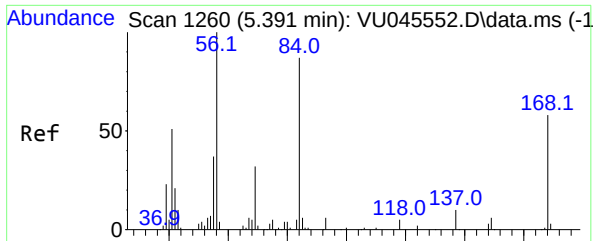


#30
Chloroform
Concen: 52.005 ug/l
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 83 Resp: 130942
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0





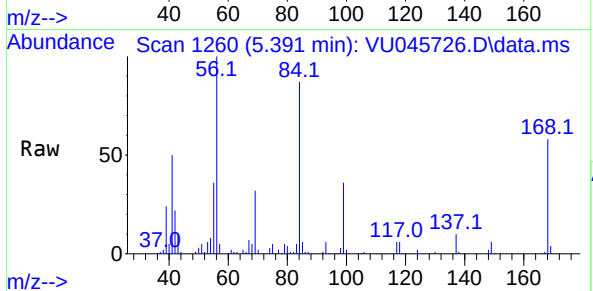
#31
Cyclohexane
Concen: 46.222 ug/l
RT: 5.391 min Scan# 11187
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



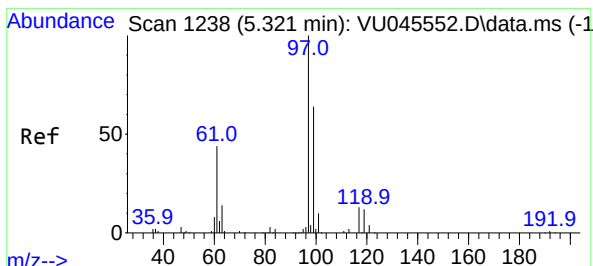
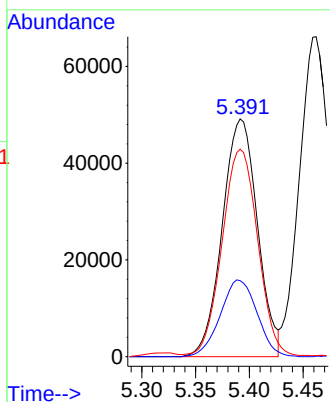
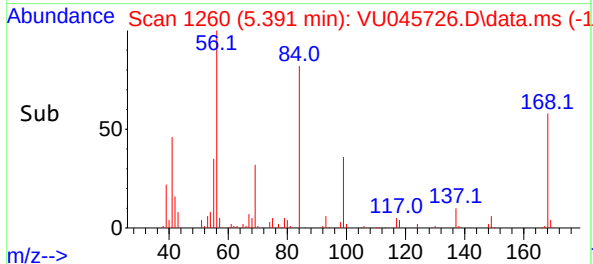
Tgt Ion: 56 Resp: 11187
Ion Ratio Lower Upper
56 100
69 32.0 26.4 39.6
84 86.4 68.4 102.6

Manual Integrations

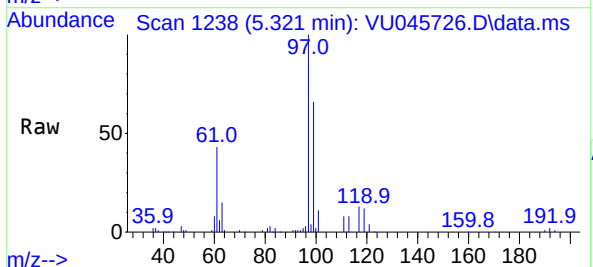
APPROVED

Reviewed By :John Carlone 11/11/2021

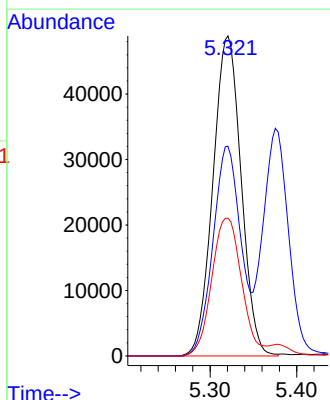
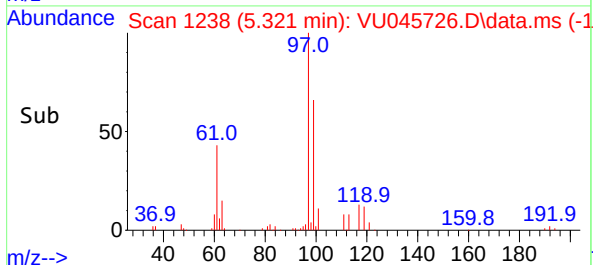
Supervised By :Mahesh Dadoda 11/15/2021

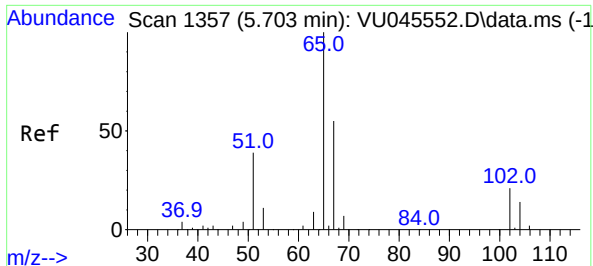


#32
1,1,1-Trichloroethane
Concen: 51.456 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 97 Resp: 110484
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 45.8 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 51.516 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 85452

Ion Ratio Lower Upper

65 100

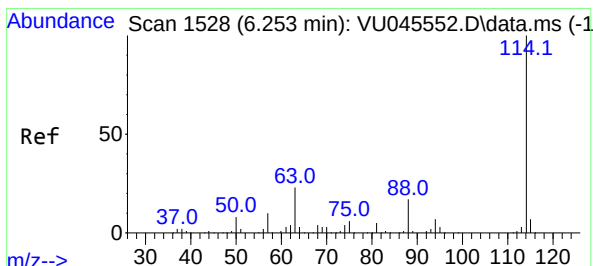
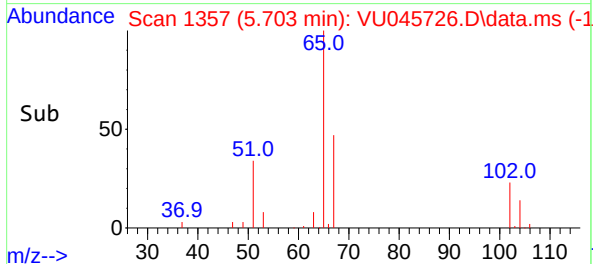
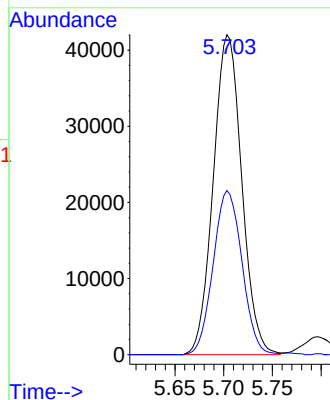
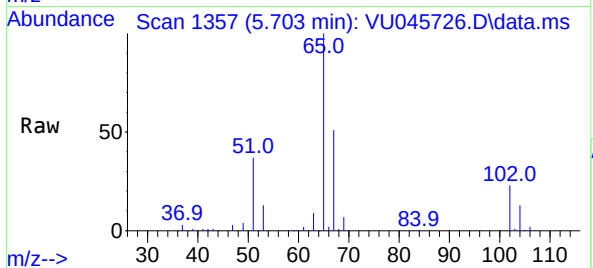
67 51.8 0.0 105.8

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: VU045726.D

Acq: 11 Nov 2021 06:45

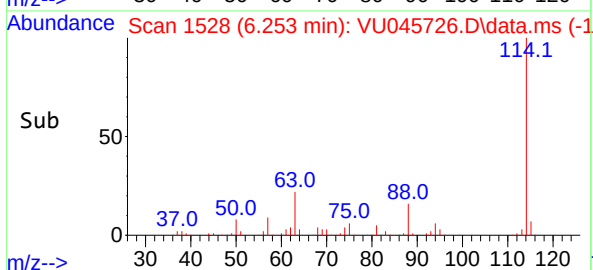
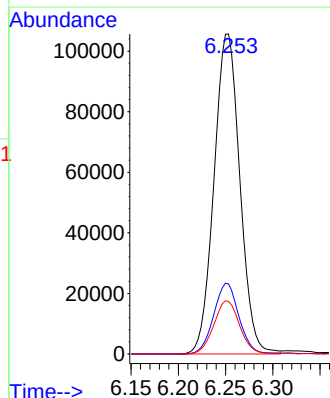
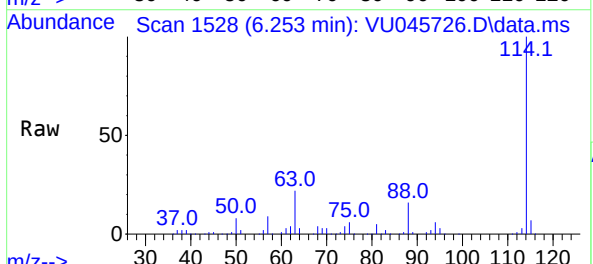
Tgt Ion:114 Resp: 201080

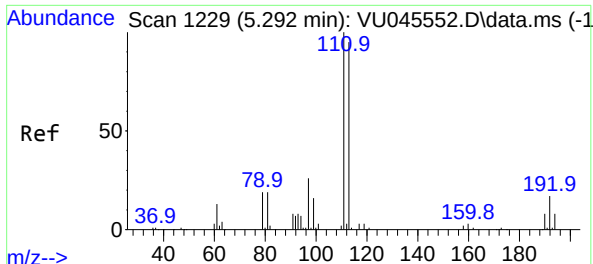
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.6

88 16.5 0.0 33.8





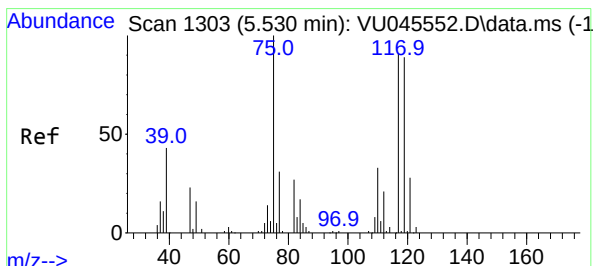
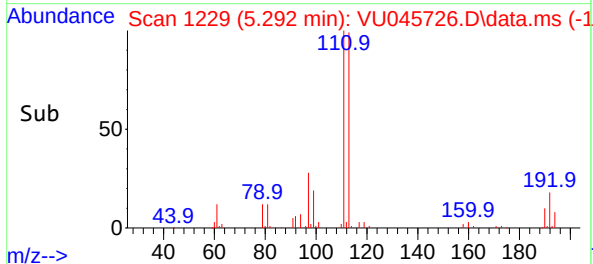
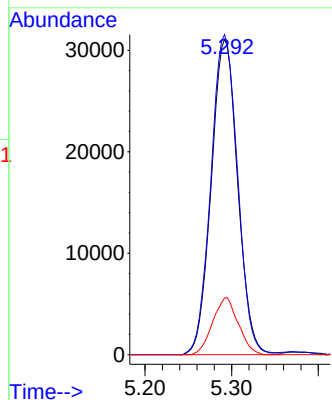
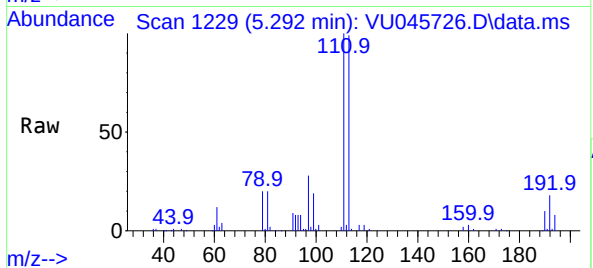
#35
Dibromofluoromethane
Concen: 49.005 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument : MSVOA_U
ClientSampleId : VSTDCCC050EC

Tgt Ion: 113 Resp: 65789
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 17.5 14.8 22.2

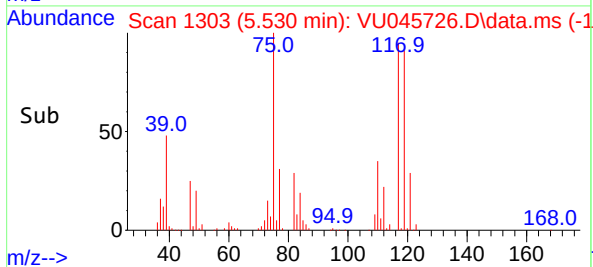
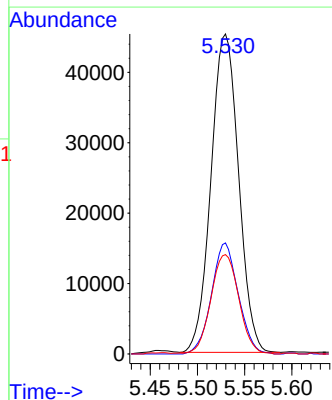
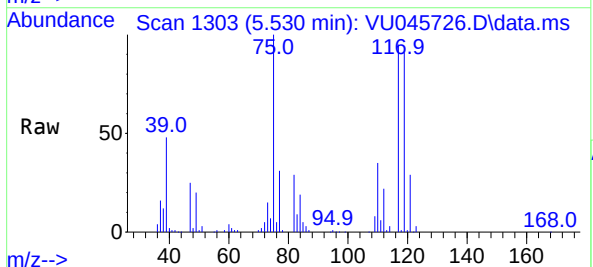
Manual Integrations
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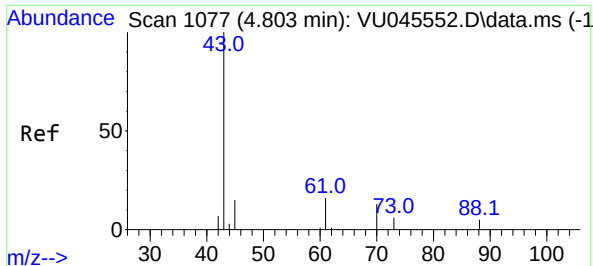
Reviewed By : John Carlone 11/11/2021
Supervised By : Mahesh Dadoda 11/15/2021



#36
1,1-Dichloropropene
Concen: 46.827 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion: 75 Resp: 91813
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.0
77 31.7 25.0 37.4





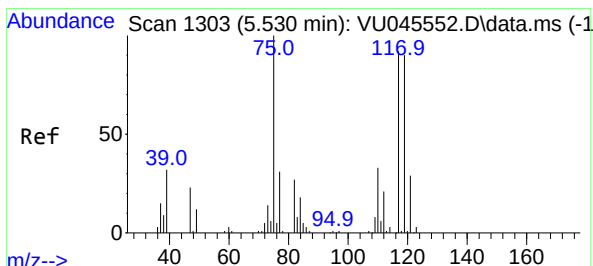
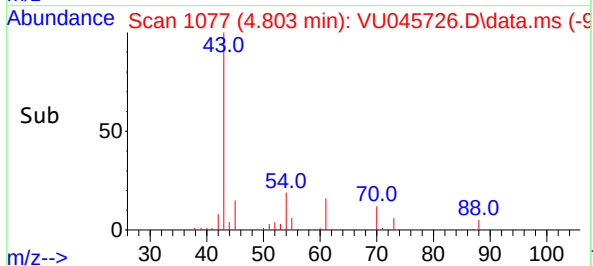
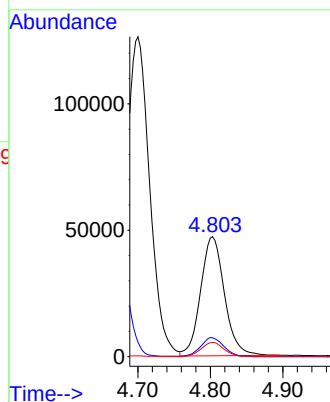
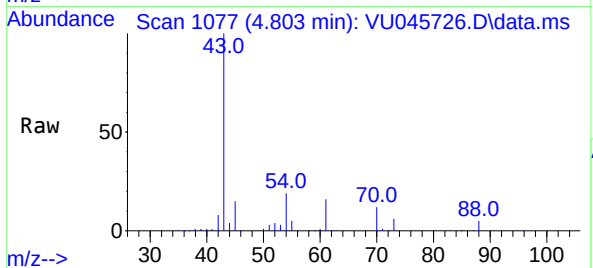
#37
Ethyl Acetate
Concen: 47.779 ug/l
RT: 4.803 min Scan# 107610
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 107610
Ion Ratio Lower Upper
43 100
61 15.7 11.6 17.4
70 11.5 9.1 13.7

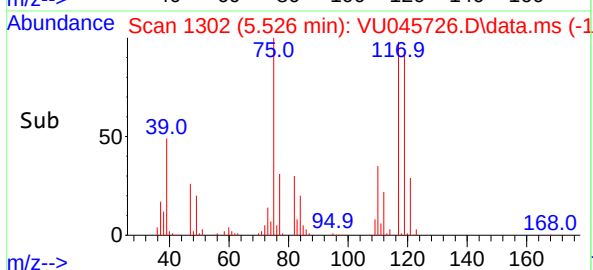
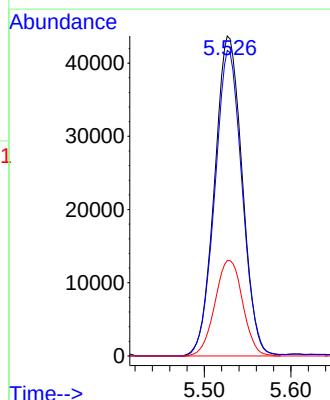
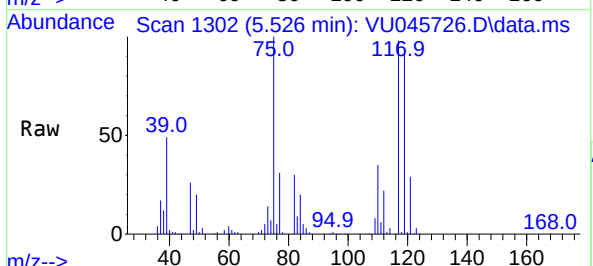
Manual Integrations
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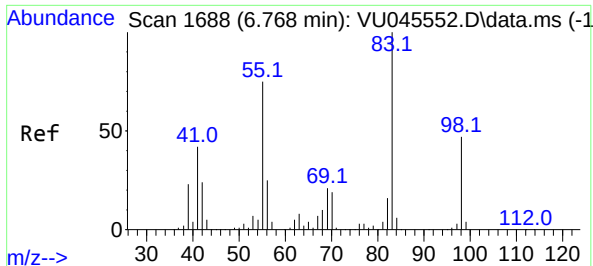
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#38
Carbon Tetrachloride
Concen: 48.906 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion:117 Resp: 96673
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
121 29.8 24.8 37.2





#39

Methylcyclohexane

Concen: 44.410 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 10682

Ion Ratio Lower Upper

83 100

55 77.3 63.6 95.4

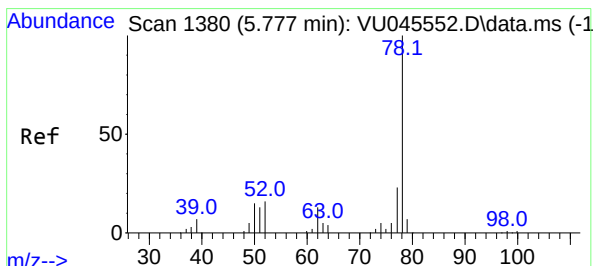
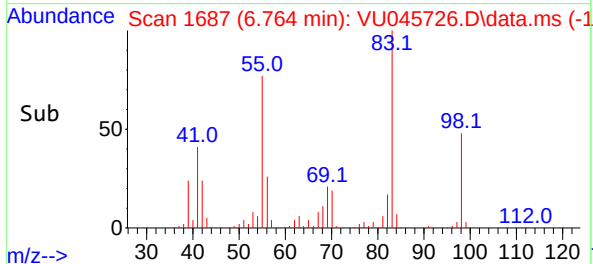
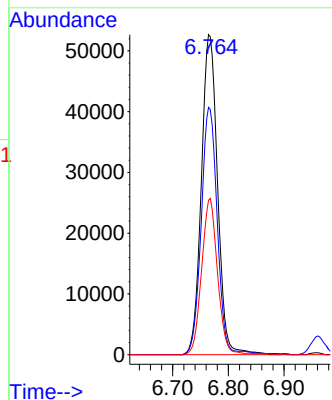
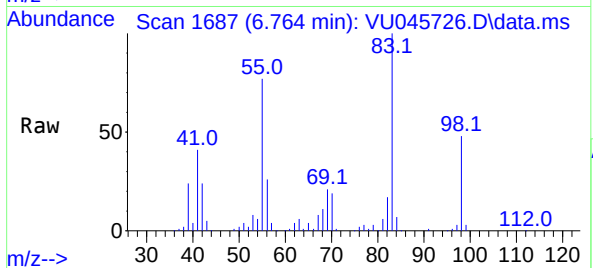
98 48.3 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 47.973 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045726.D

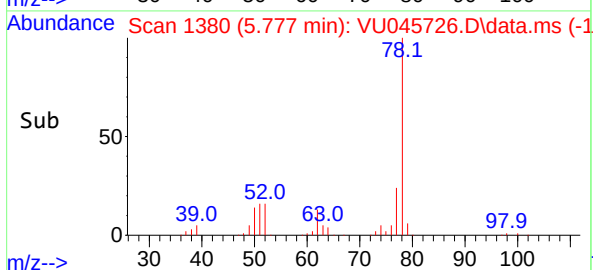
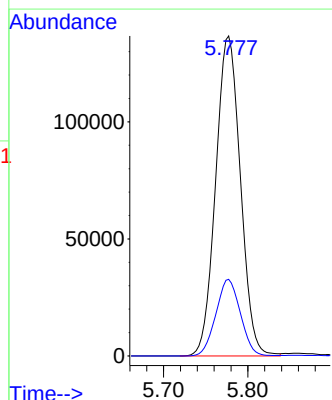
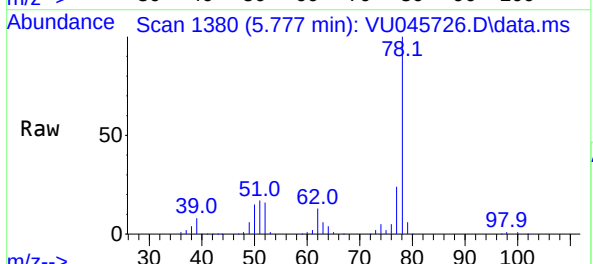
Acq: 11 Nov 2021 06:45

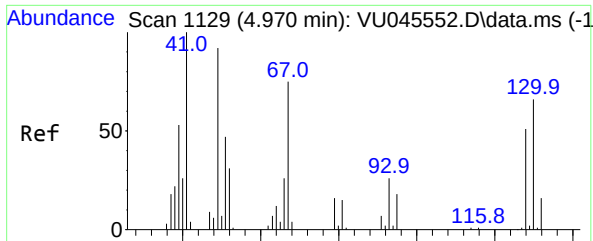
Tgt Ion: 78 Resp: 278477

Ion Ratio Lower Upper

78 100

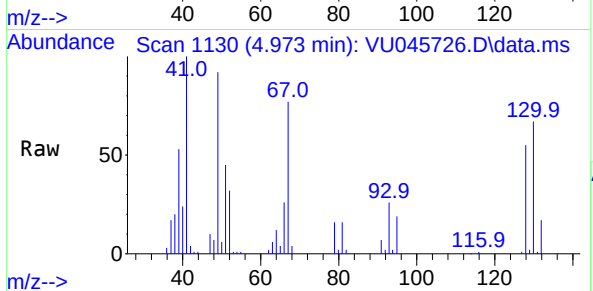
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 51.125 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

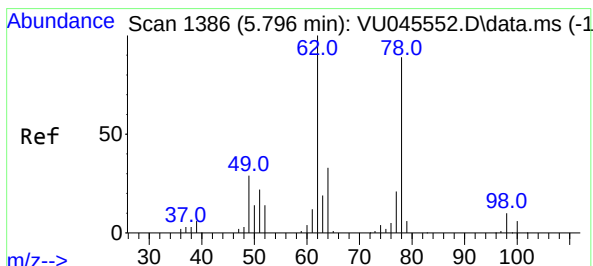
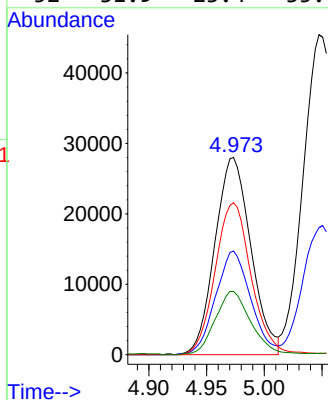
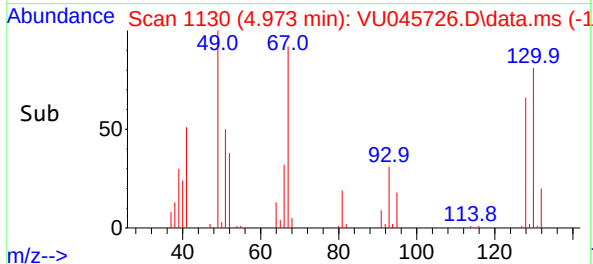
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6085
Ion Ratio Lower Upper
41 100
39 51.4 43.4 65.0
67 77.4 61.0 91.4
52 31.9 23.4 35.0

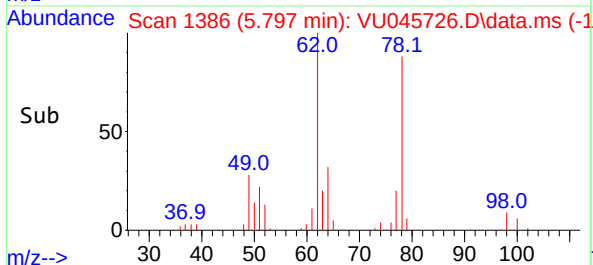
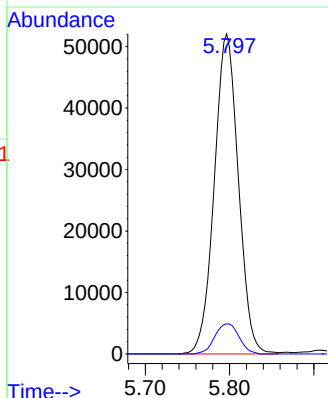
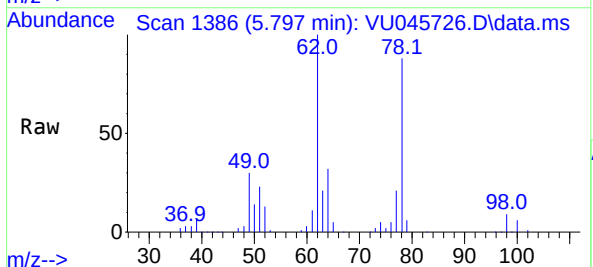
Manual Integrations
APPROVED

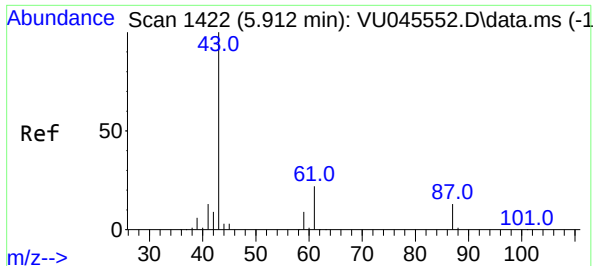
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#42
1,2-Dichloroethane
Concen: 49.153 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

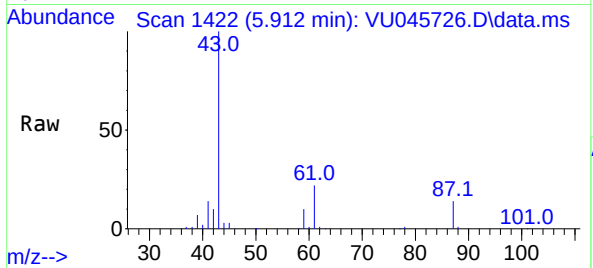
Tgt Ion: 62 Resp: 103062
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 47.436 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

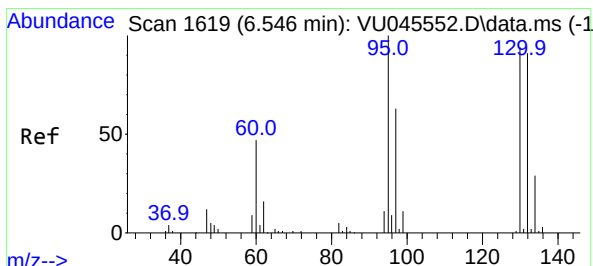
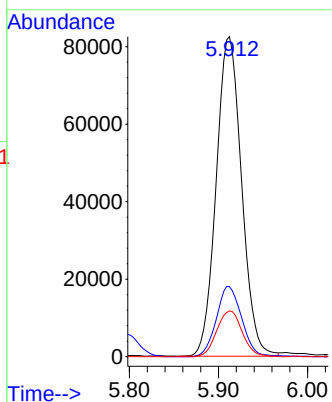
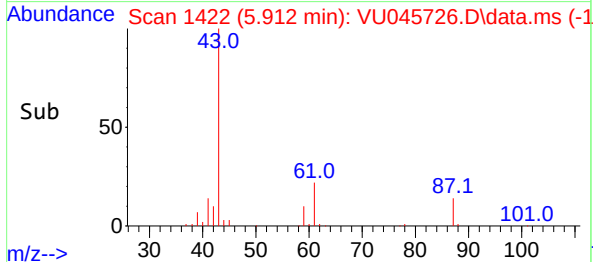
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



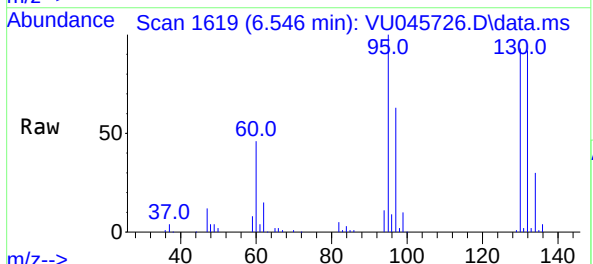
Tgt Ion: 43 Resp: 16341
Ion Ratio Lower Upper
43 100
61 22.0 16.9 25.3
87 14.3 11.0 16.4

Manual Integrations
APPROVED

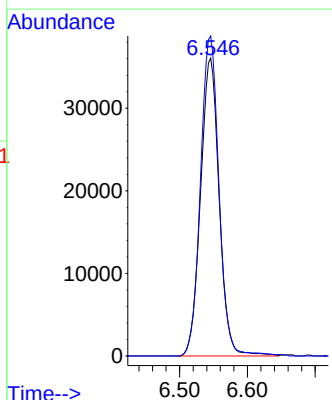
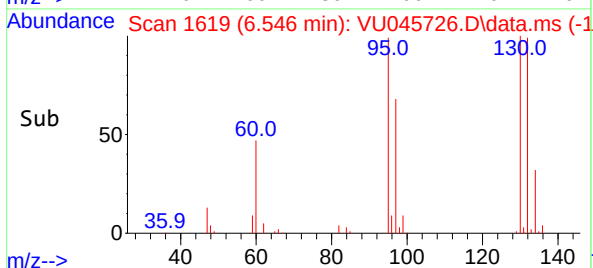
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

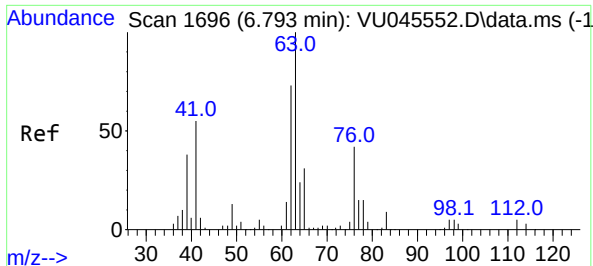


#44
Trichloroethene
Concen: 49.544 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion:130 Resp: 68841
Ion Ratio Lower Upper
130 100
95 107.4 0.0 211.4





#45

1,2-Dichloropropane

Concen: 50.196 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 77100

Ion Ratio Lower Upper

63 100

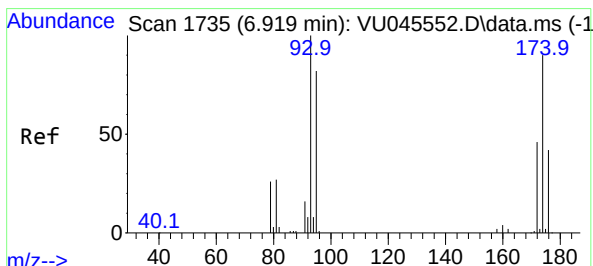
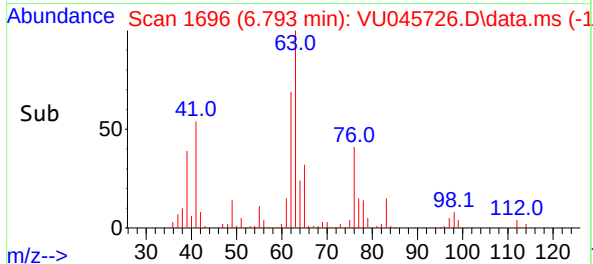
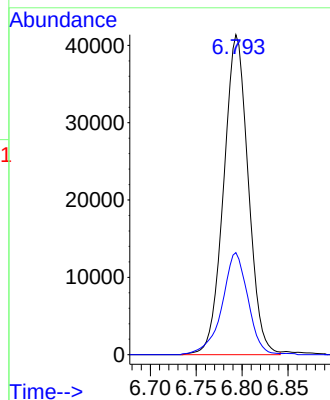
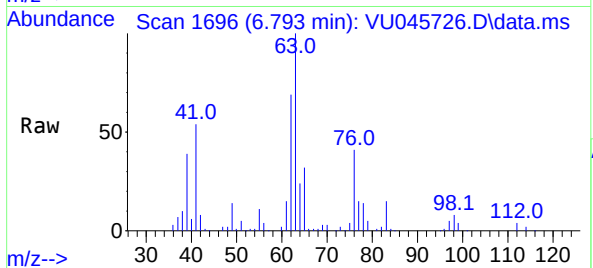
65 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 49.771 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

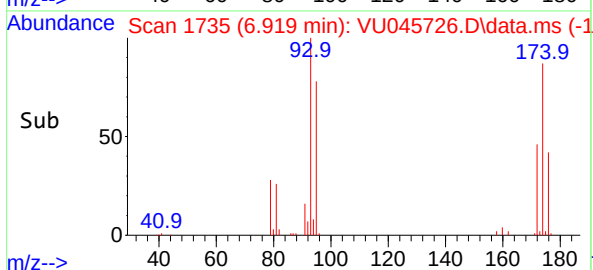
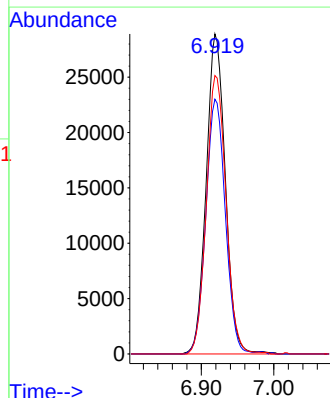
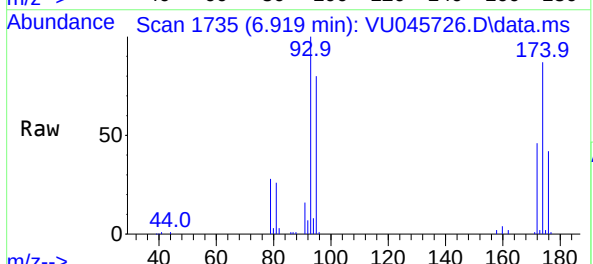
Tgt Ion: 93 Resp: 52969

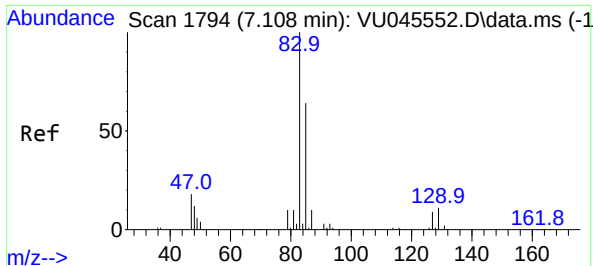
Ion Ratio Lower Upper

93 100

95 81.2 66.2 99.2

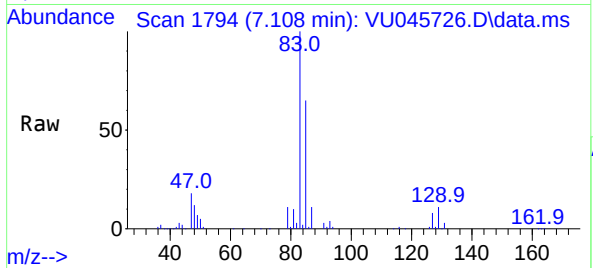
174 89.3 71.0 106.6





#47
Bromodichloromethane
Concen: 51.594 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

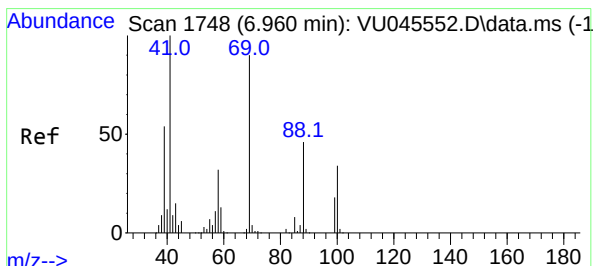
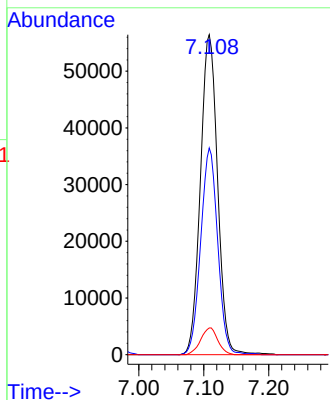
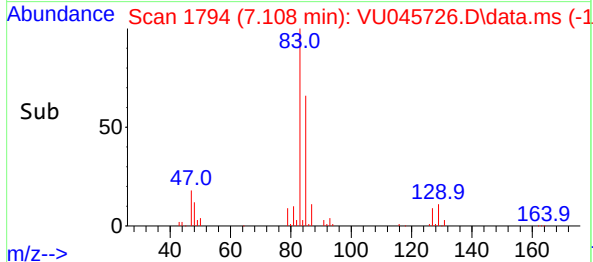
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



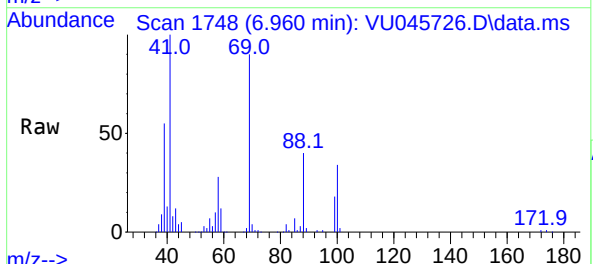
Tgt Ion: 83 Resp: 10418
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.4 6.2 9.2

Manual Integrations
APPROVED

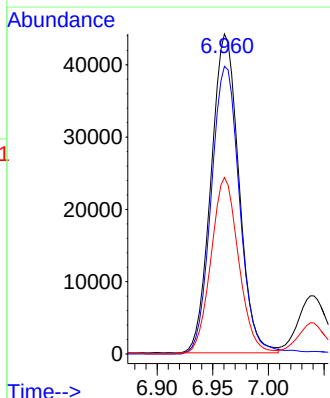
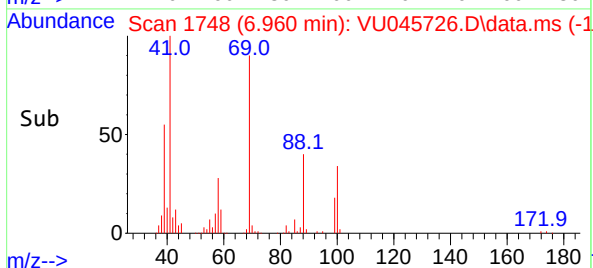
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

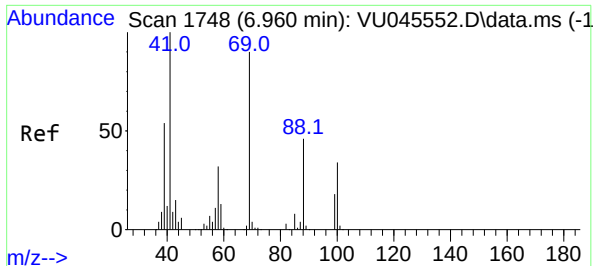


#48
Methyl methacrylate
Concen: 48.450 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



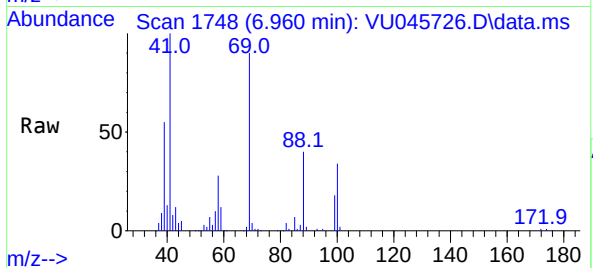
Tgt Ion: 41 Resp: 76822
Ion Ratio Lower Upper
41 100
69 92.1 70.2 105.2
39 55.2 43.9 65.9





#49
1,4-Dioxane
Concen: 841.621 ug/l
RT: 6.960 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

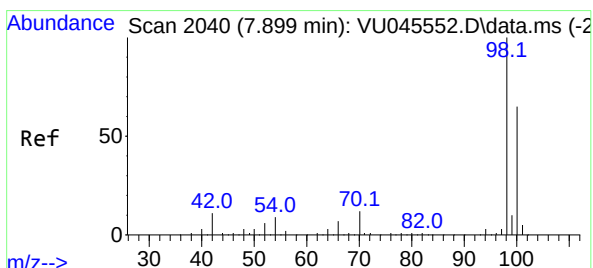
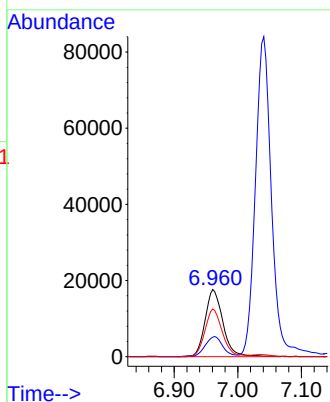
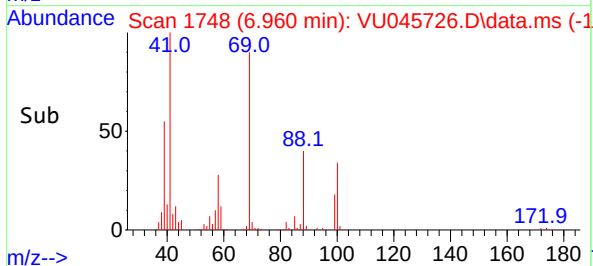
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



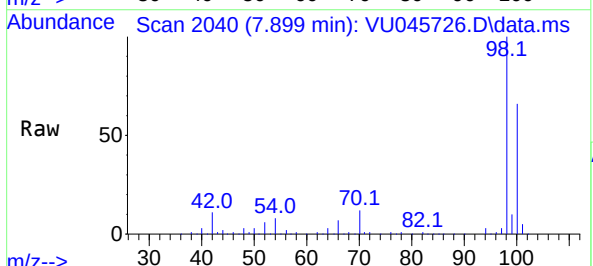
Tgt Ion: 88 Resp: 34318
Ion Ratio Lower Upper
88 100
43 29.6 0.0 0.0
58 69.3 58.7 88.1

Manual Integrations
APPROVED

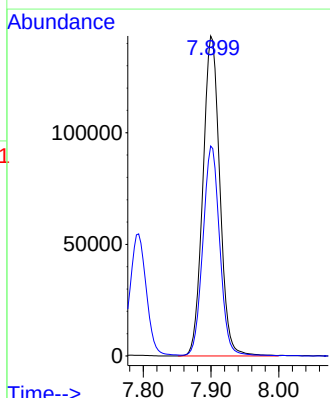
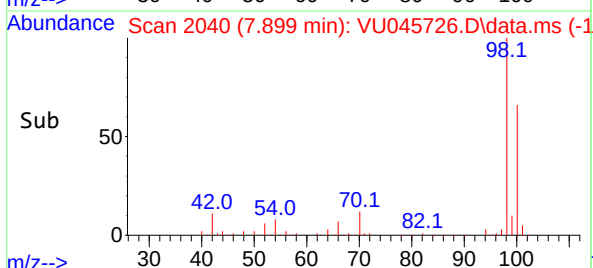
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

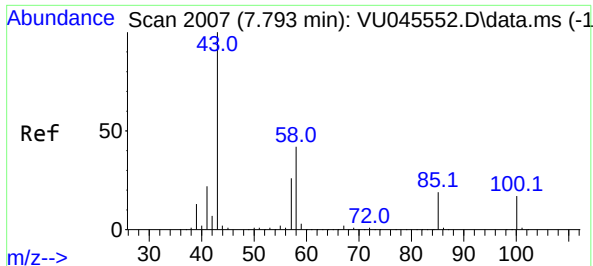


#50
Toluene-d8
Concen: 49.830 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 98 Resp: 248754
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 248.709 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

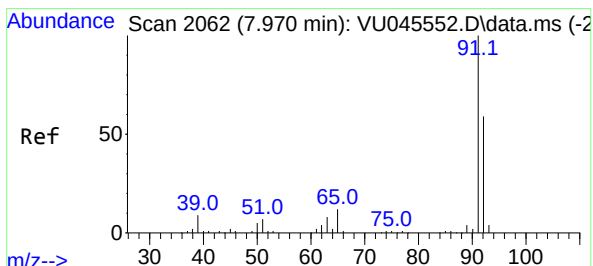
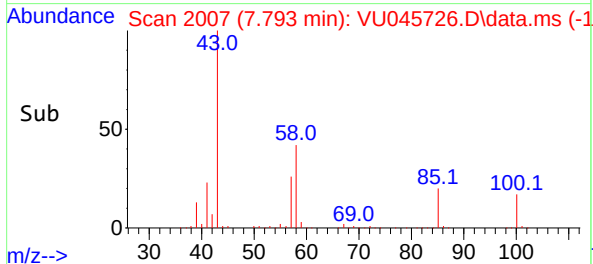
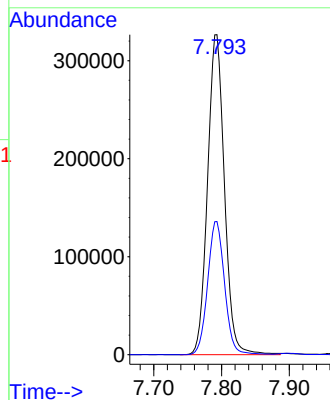
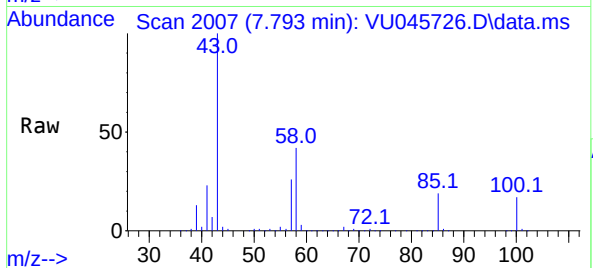
VSTDCCC050EC

Tgt Ion: 43 Resp: 56518
Ion Ratio Lower Upper
43 100
58 41.7 33.8 50.8

Manual Integrations

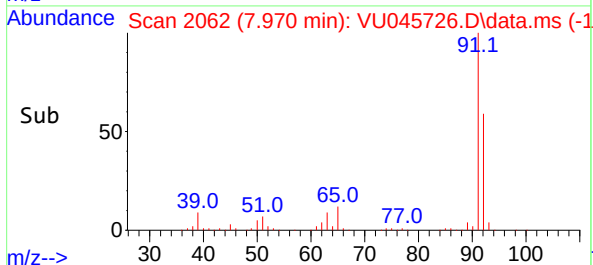
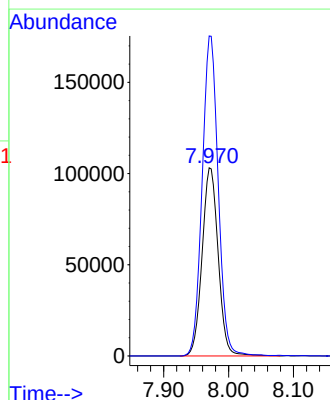
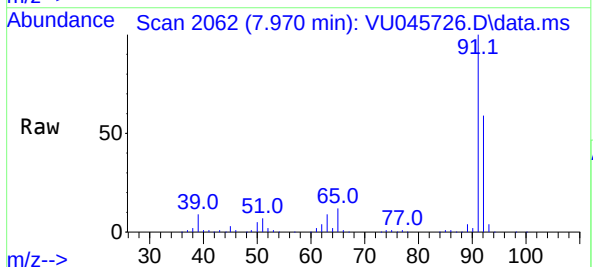
APPROVED

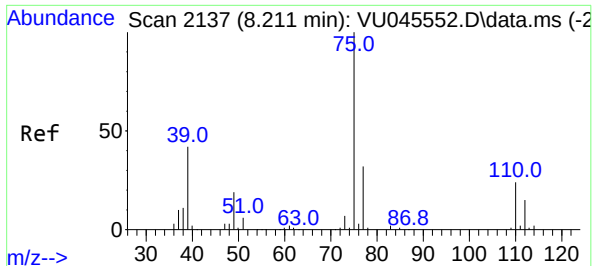
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#52
Toluene
Concen: 50.040 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion: 92 Resp: 177837
Ion Ratio Lower Upper
92 100
91 169.9 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 45.184 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10486

Ion Ratio Lower Upper

75 100

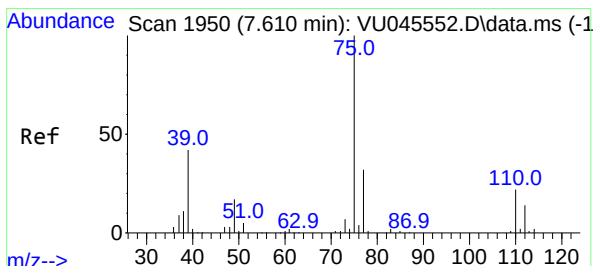
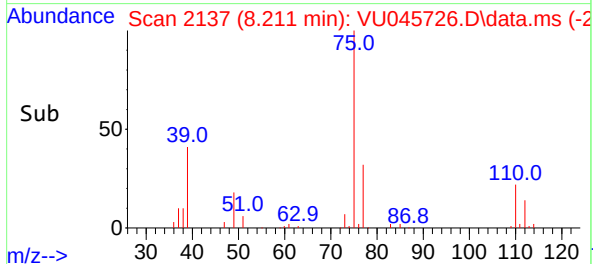
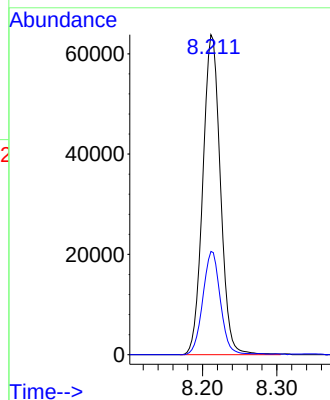
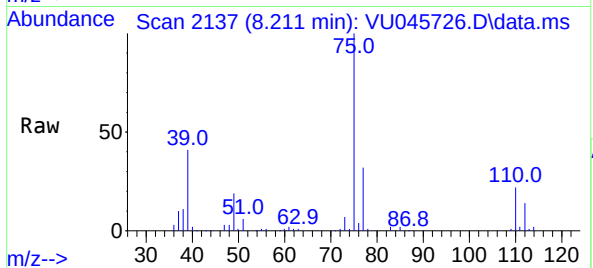
77 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#54

cis-1,3-Dichloropropene

Concen: 47.184 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

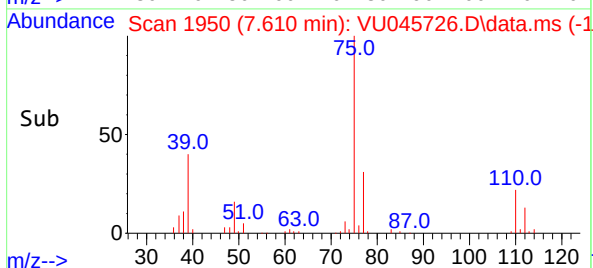
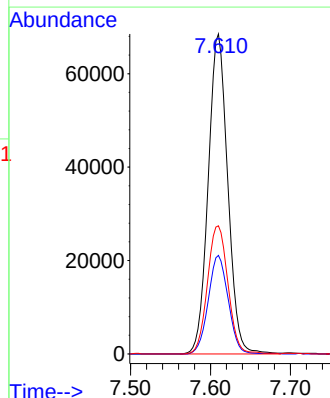
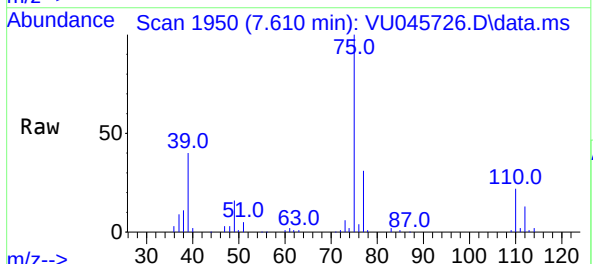
Tgt Ion: 75 Resp: 116309

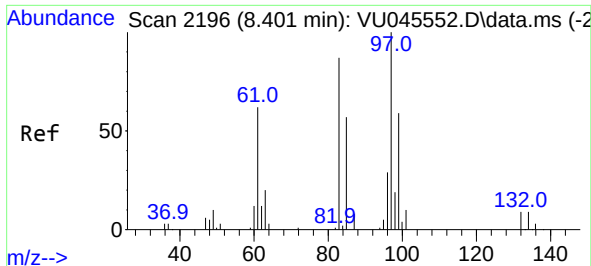
Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

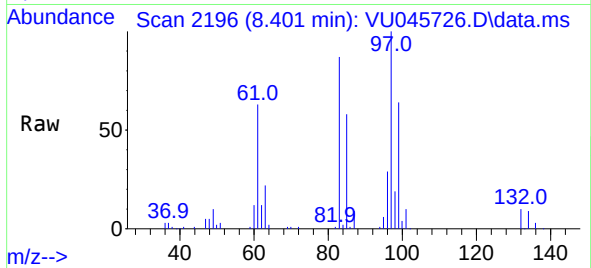
39 40.1 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 50.846 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

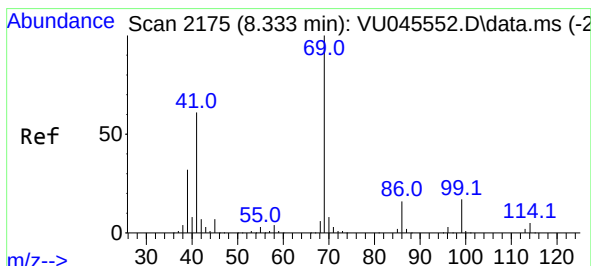
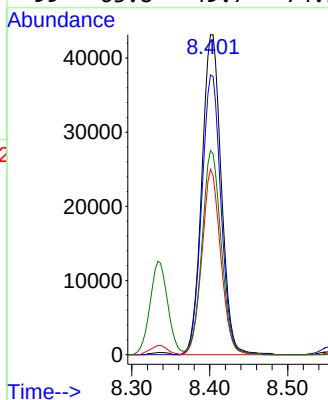
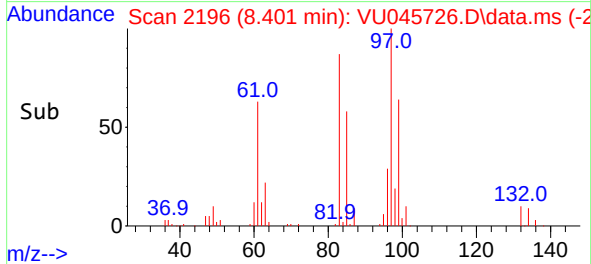
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



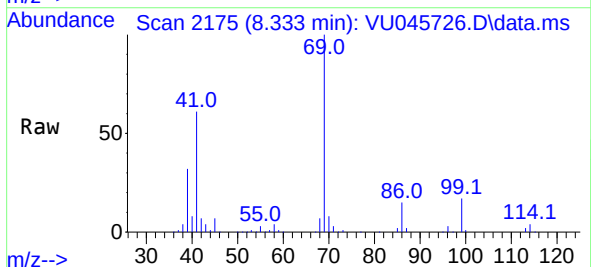
Tgt Ion: 97 Resp: 7489
Ion Ratio Lower Upper
97 100
83 87.4 70.3 105.5
85 58.0 45.5 68.3
99 63.8 49.7 74.5

Manual Integrations
APPROVED

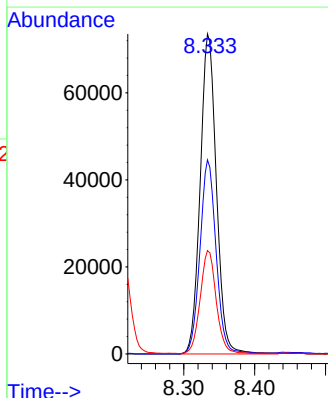
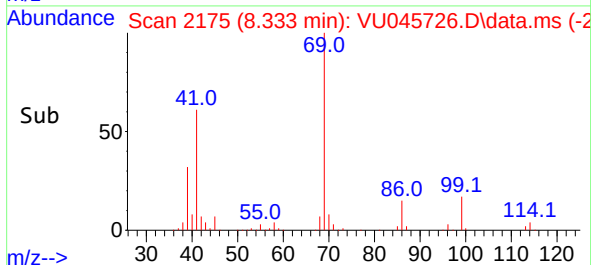
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

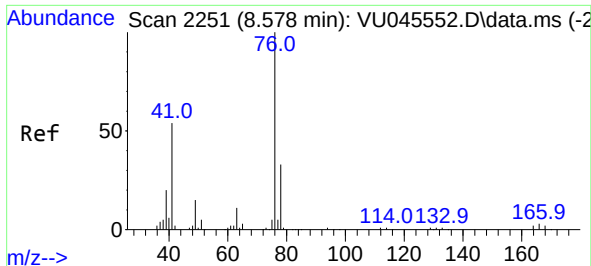


#56
Ethyl methacrylate
Concen: 44.421 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



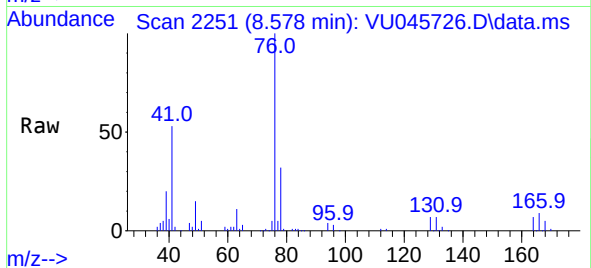
Tgt Ion: 69 Resp: 116605
Ion Ratio Lower Upper
69 100
41 60.6 51.0 76.4
39 31.7 26.6 39.8





#57
1,3-Dichloropropane
Concen: 49.576 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

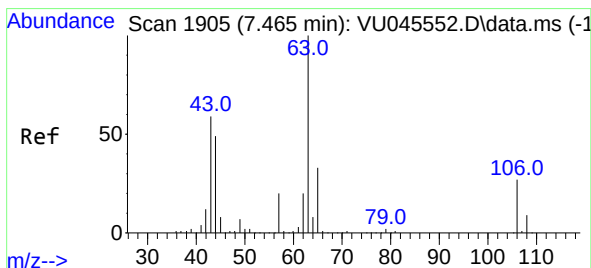
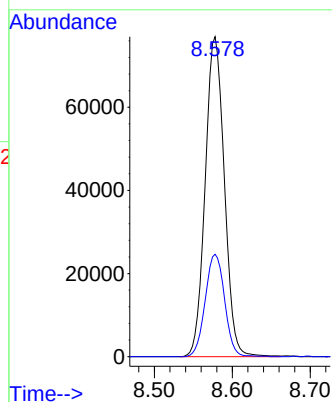
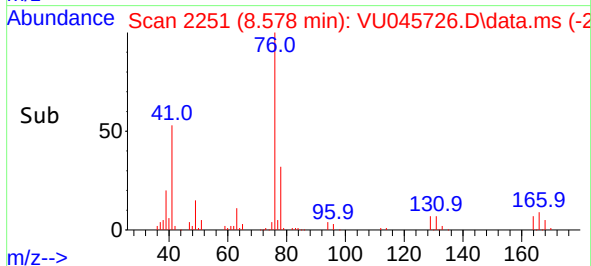
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



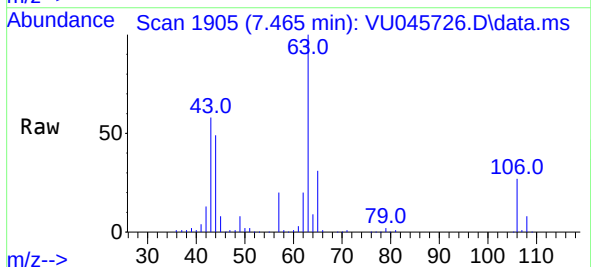
Tgt Ion: 76 Resp: 131519
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations
APPROVED

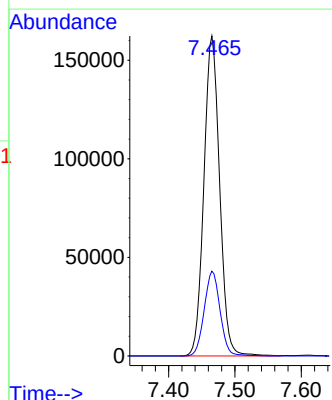
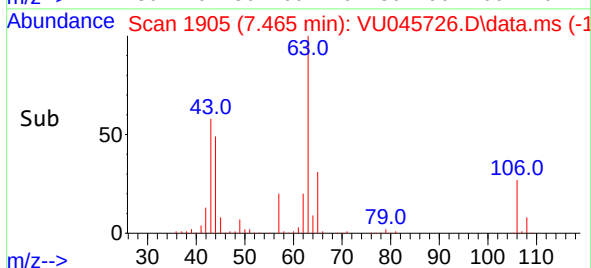
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

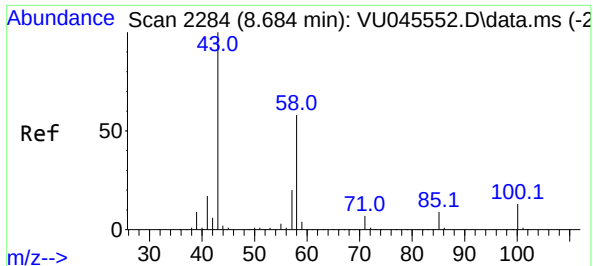


#58
2-Chloroethyl Vinyl ether
Concen: 197.669 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 63 Resp: 268040
Ion Ratio Lower Upper
63 100
106 26.7 21.0 31.4





#59

2-Hexanone

Concen: 216.002 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 42502

Ion Ratio Lower Upper

43 100

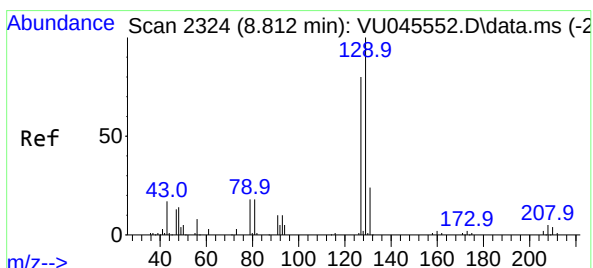
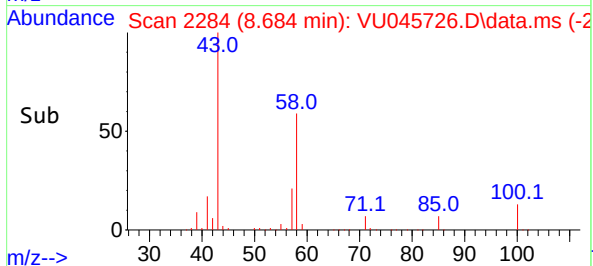
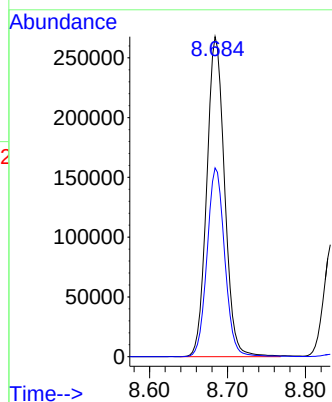
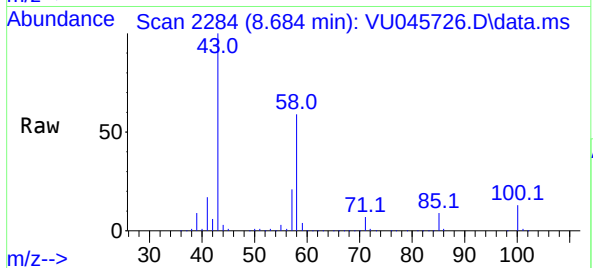
58 58.4 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#60

Dibromochloromethane

Concen: 50.611 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045726.D

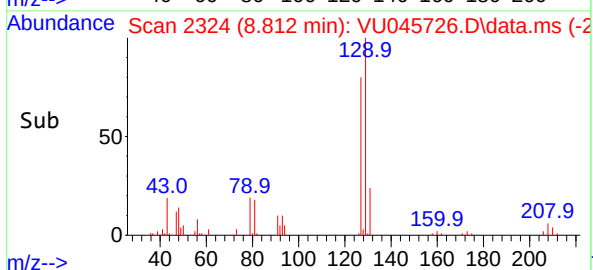
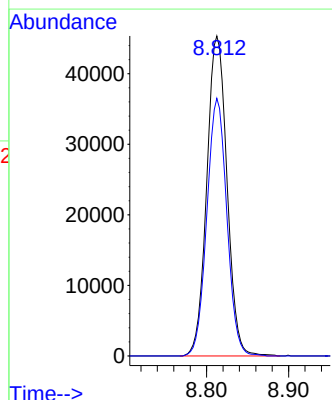
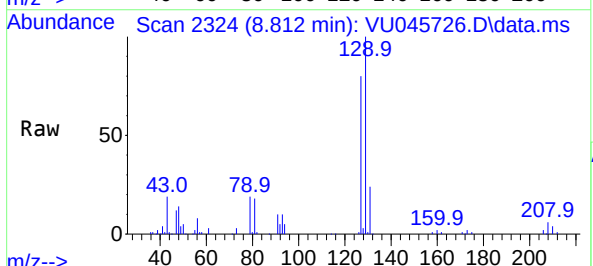
Acq: 11 Nov 2021 06:45

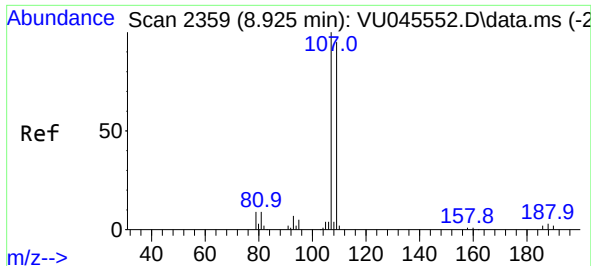
Tgt Ion:129 Resp: 77623

Ion Ratio Lower Upper

129 100

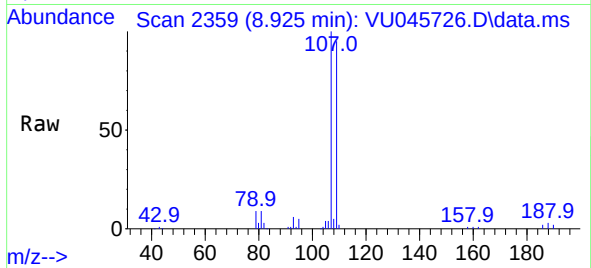
127 79.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 49.263 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

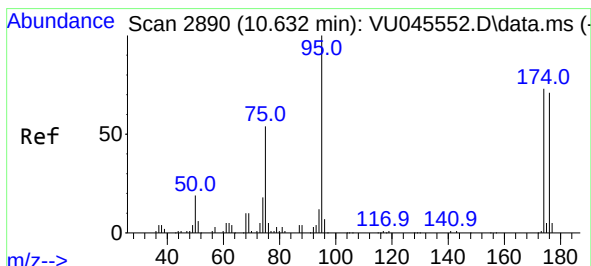
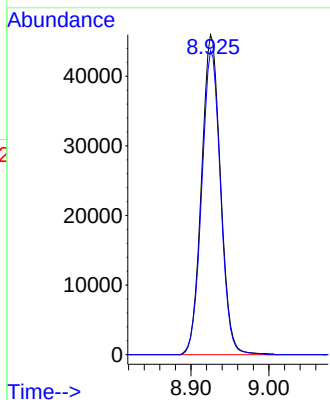
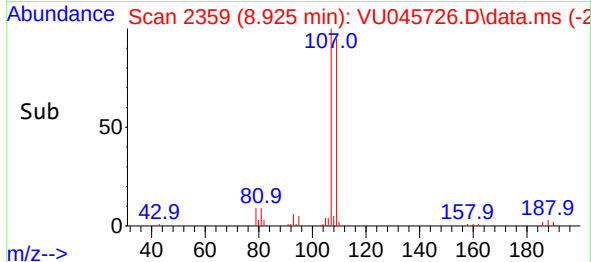
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



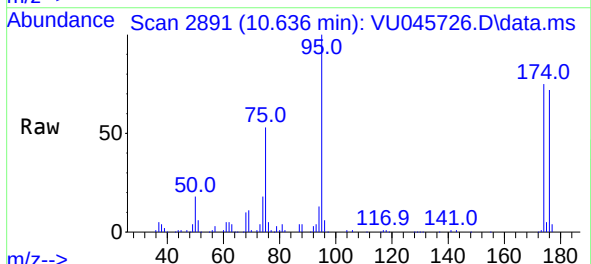
Tgt Ion:107 Resp: 7782
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8

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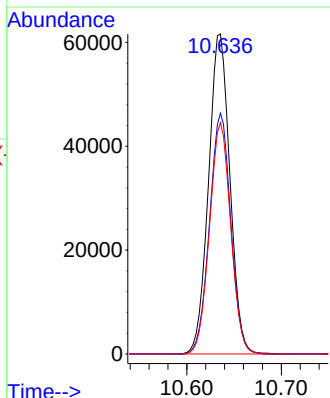
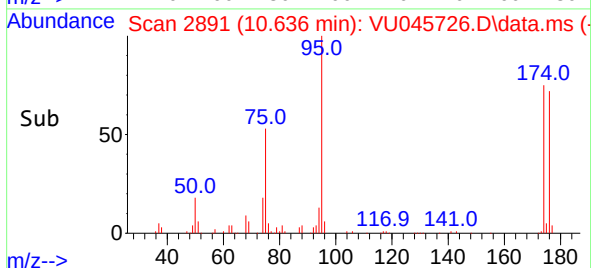
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

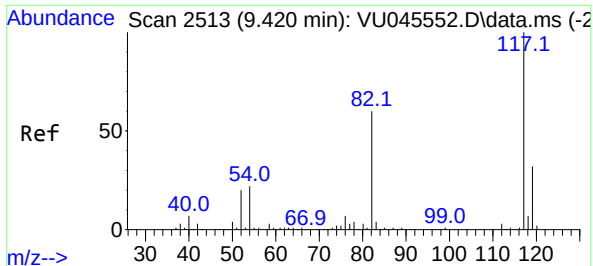


#62
4-Bromofluorobenzene
Concen: 48.293 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 95 Resp: 96673
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.8
176 71.6 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: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 197678

Ion Ratio Lower Upper

117 100

82 58.8 47.8 71.8

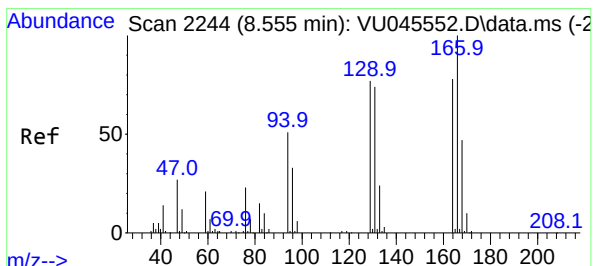
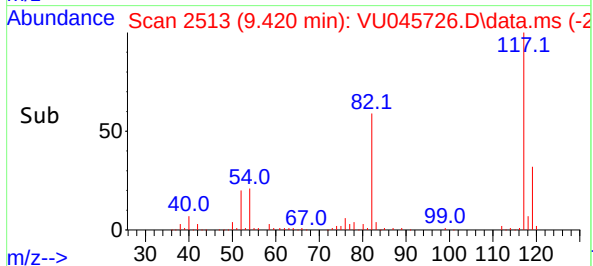
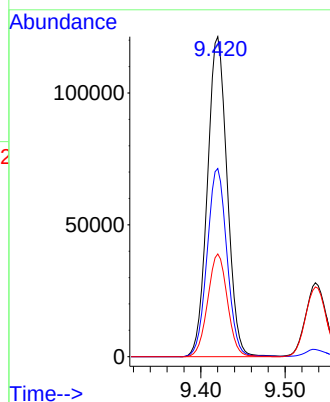
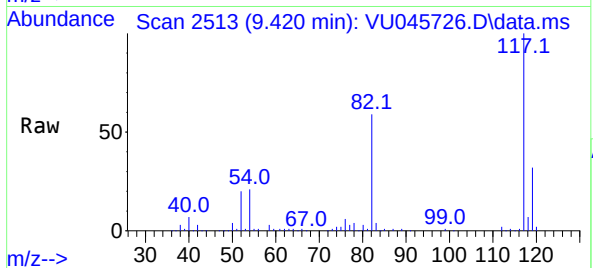
119 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#64

Tetrachloroethene

Concen: 53.827 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Tgt Ion:164 Resp: 61071

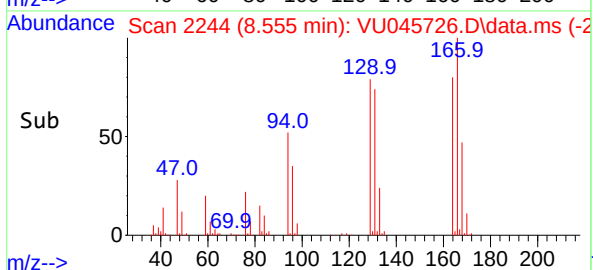
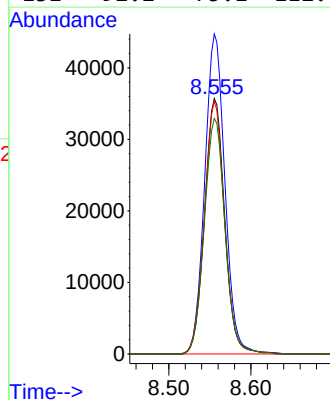
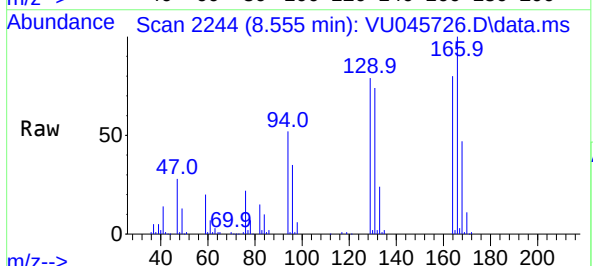
Ion Ratio Lower Upper

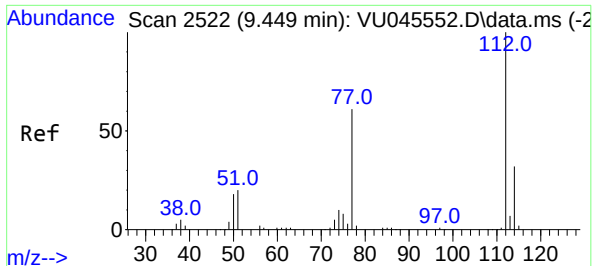
164 100

166 125.3 102.2 153.4

129 98.9 78.2 117.4

131 92.2 75.1 112.7





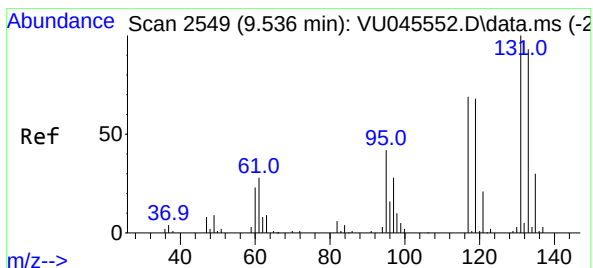
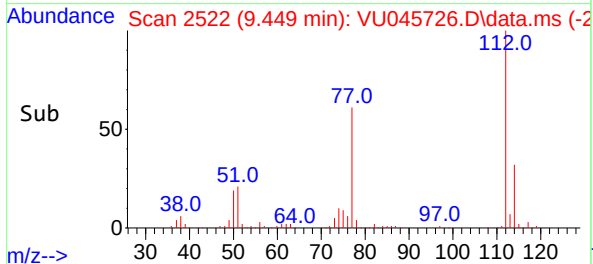
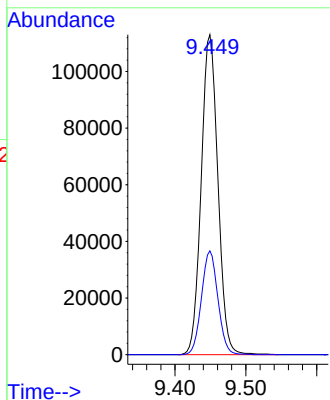
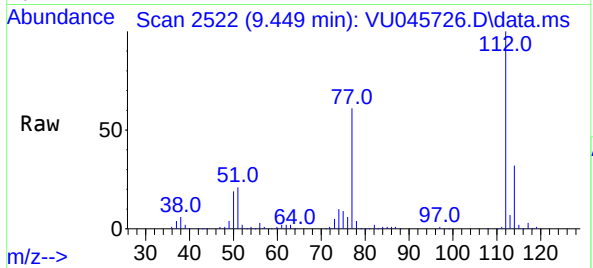
#65
Chlorobenzene
Concen: 47.626 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 184928
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

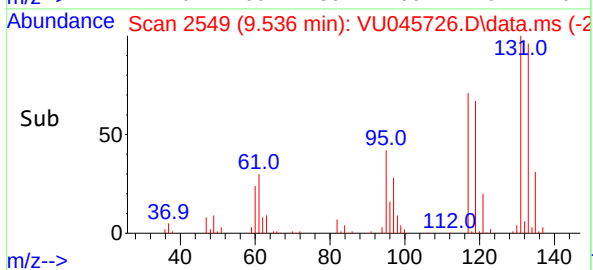
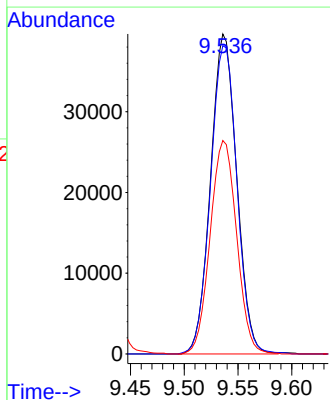
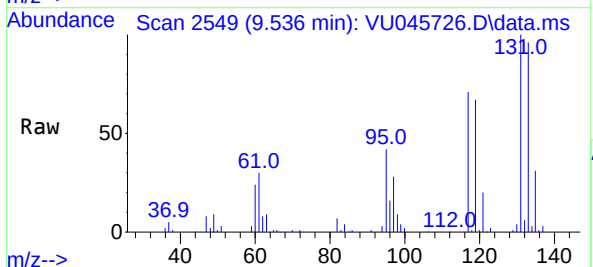
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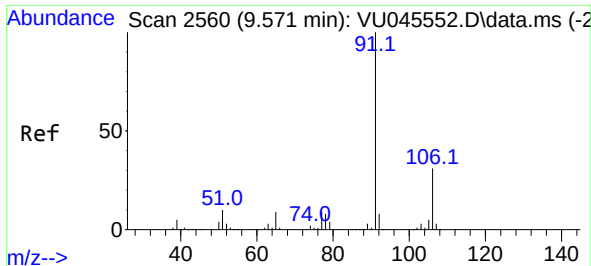
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 48.346 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion:131 Resp: 66952
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.6
119 67.6 34.5 103.6





#67

Ethyl Benzene

Concen: 49.093 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 341368

Ion Ratio Lower Upper

91 100

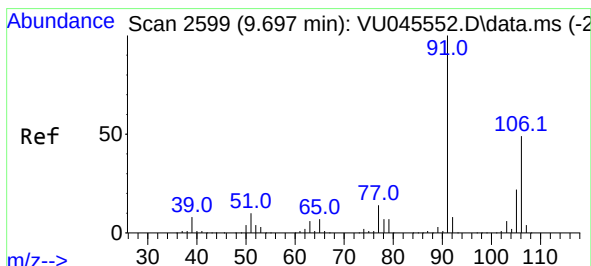
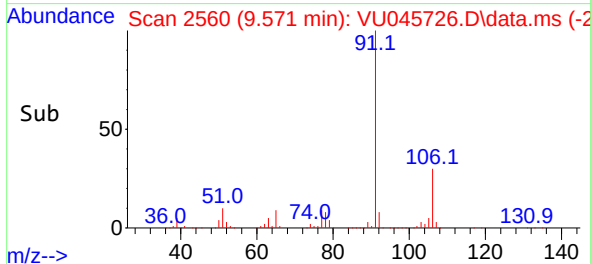
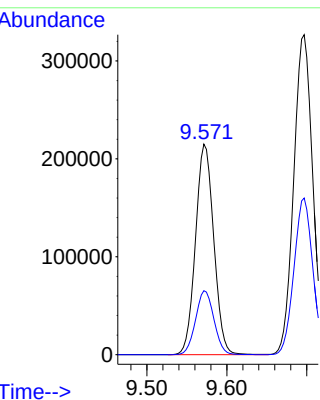
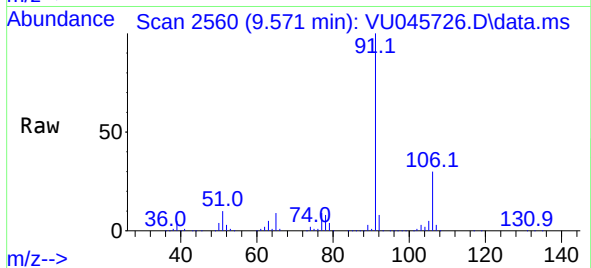
106 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#68

m/p-Xylenes

Concen: 99.816 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045726.D

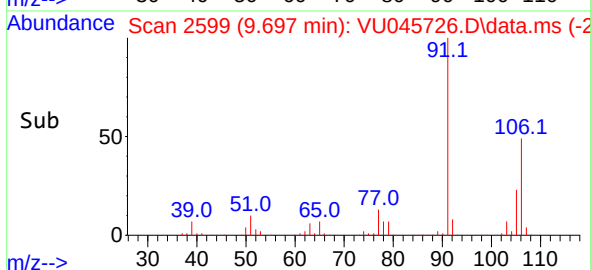
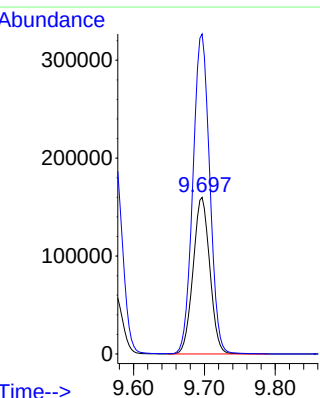
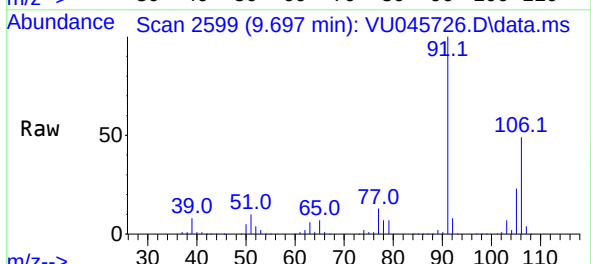
Acq: 11 Nov 2021 06:45

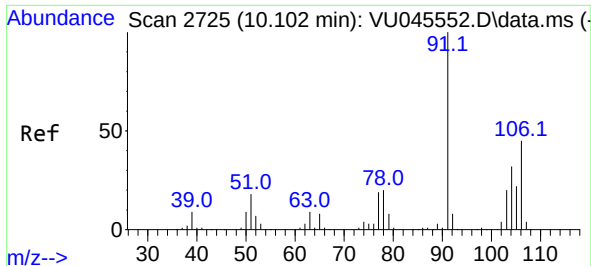
Tgt Ion:106 Resp: 261760

Ion Ratio Lower Upper

106 100

91 205.8 164.7 247.1





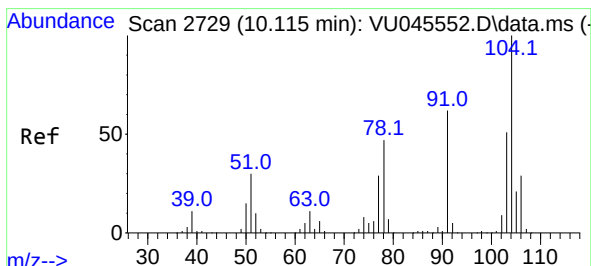
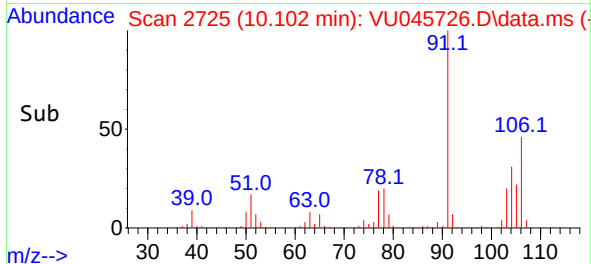
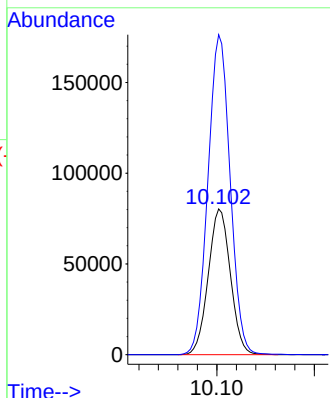
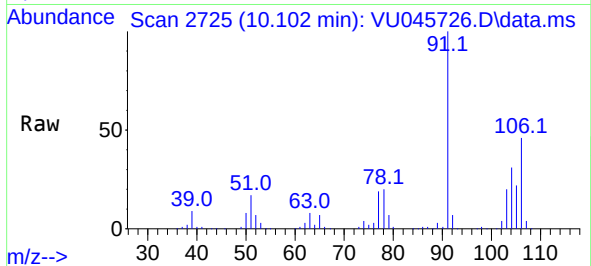
#69
o-Xylene
Concen: 49.703 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12672
Ion Ratio Lower Upper
106 100
91 219.8 108.7 326.3

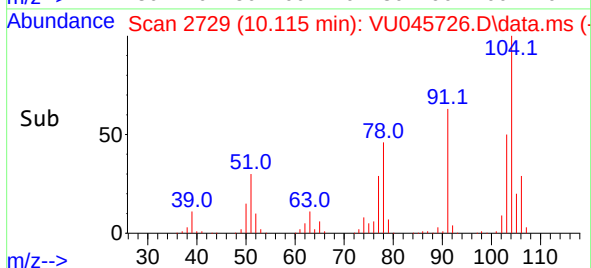
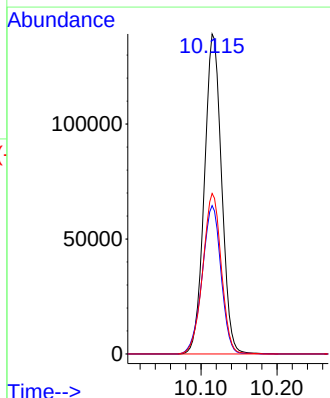
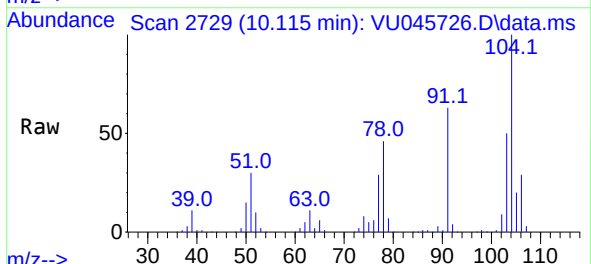
Manual Integrations
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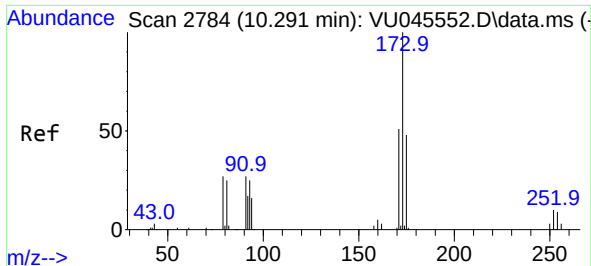
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#70
Styrene
Concen: 50.767 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion:104 Resp: 218968
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.6
103 53.8 43.8 65.6





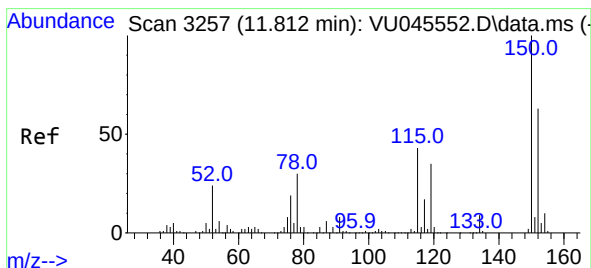
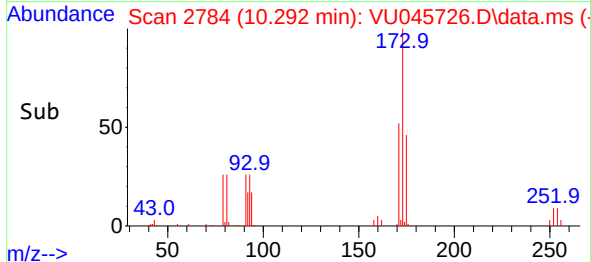
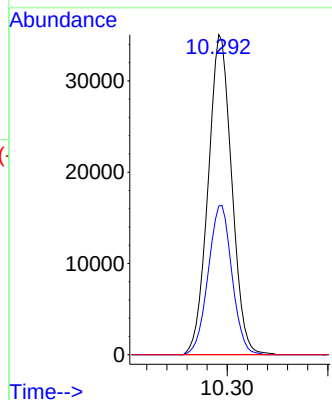
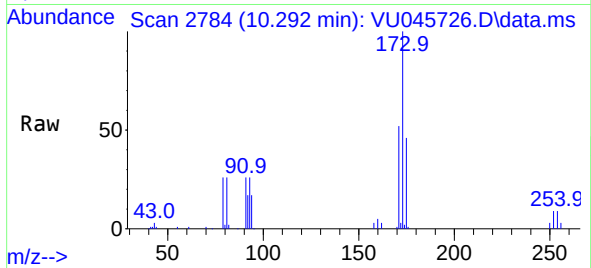
#71
Bromoform
Concen: 43.951 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 5708
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.2
254 0.0 0.0 0.0

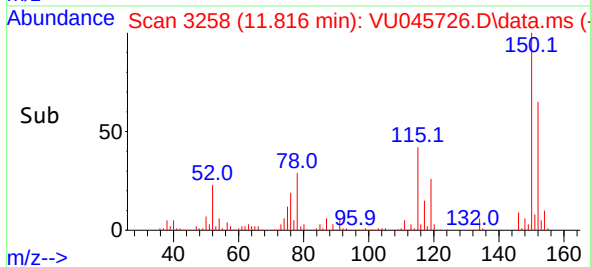
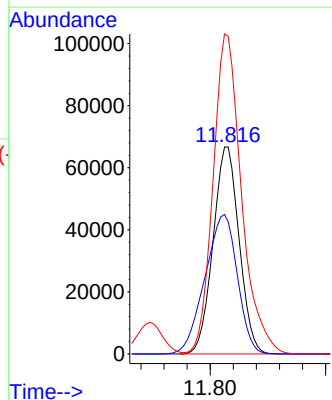
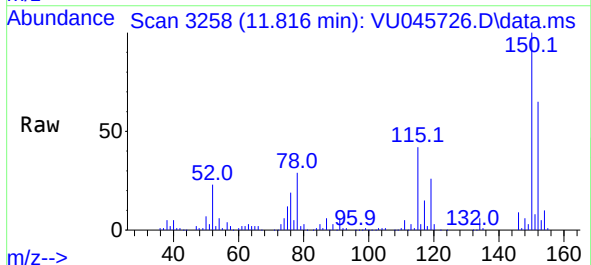
Manual Integrations
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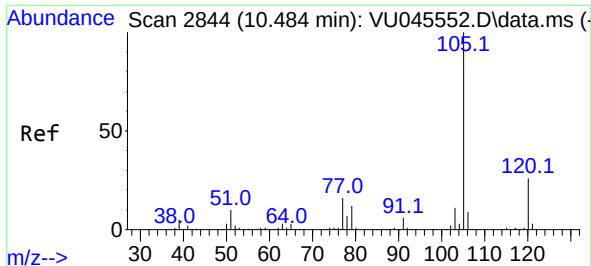
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Tgt Ion:152 Resp: 104468
Ion Ratio Lower Upper
152 100
115 83.6 42.7 128.1
150 168.6 0.0 346.8





#73
Isopropylbenzene
Concen: 49.359 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

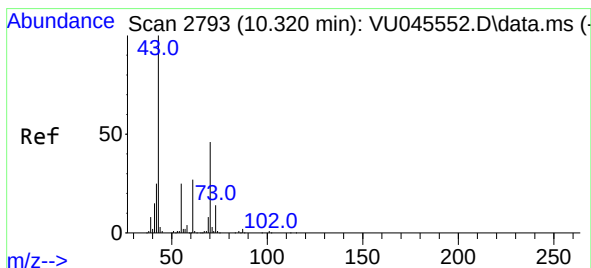
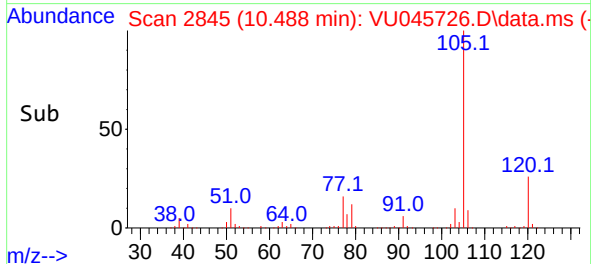
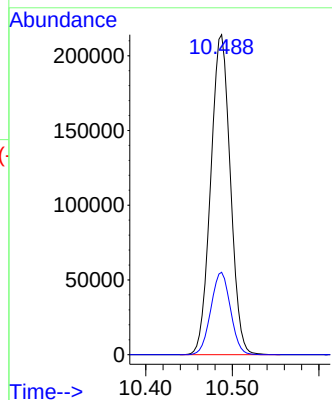
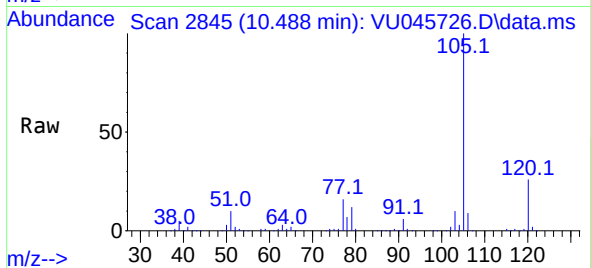
VSTDCCC050EC

Tgt Ion:105 Resp: 336920
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations

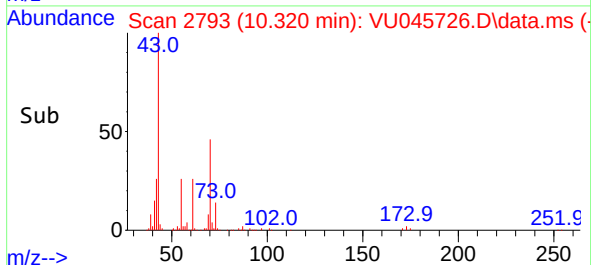
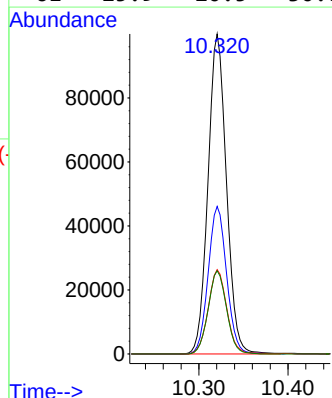
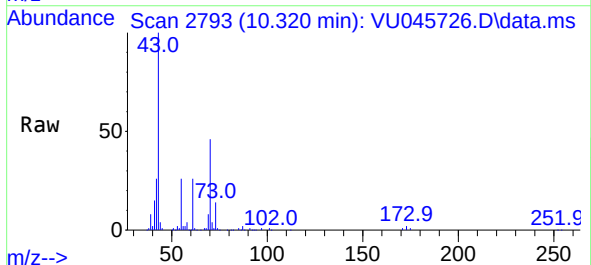
APPROVED

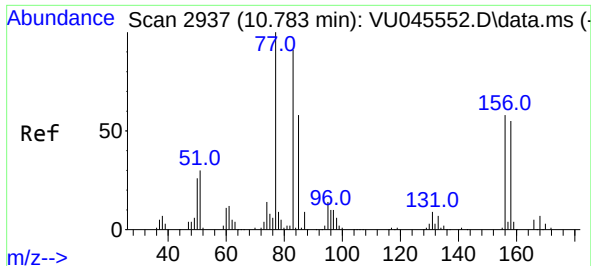
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#74
N-ethyl acetate
Concen: 46.553 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

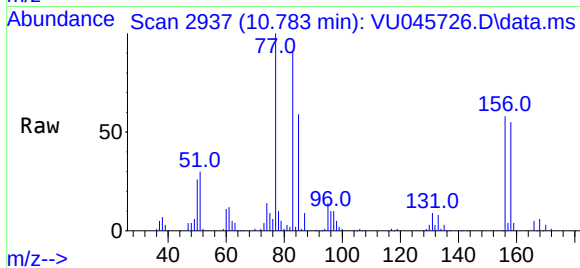
Tgt Ion: 43 Resp: 143351
Ion Ratio Lower Upper
43 100
70 46.3 36.9 55.3
55 26.7 20.6 31.0
61 25.9 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.457 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

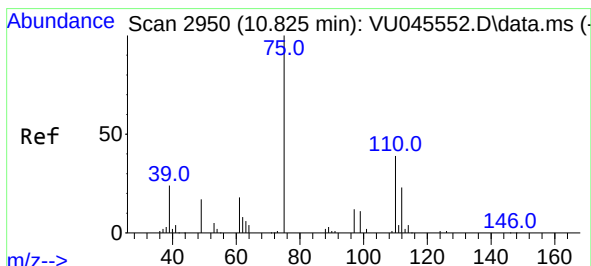
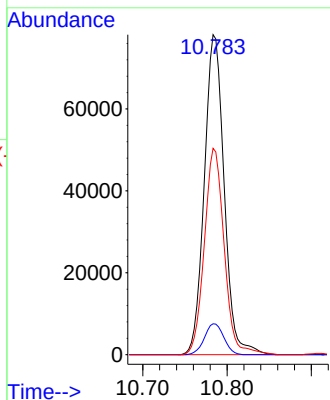
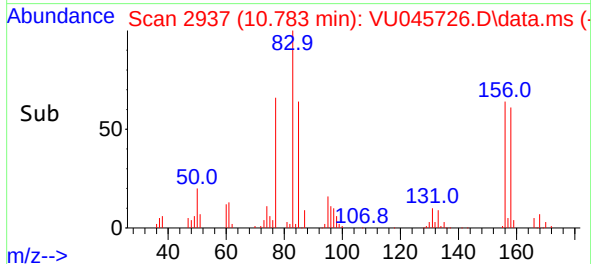
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



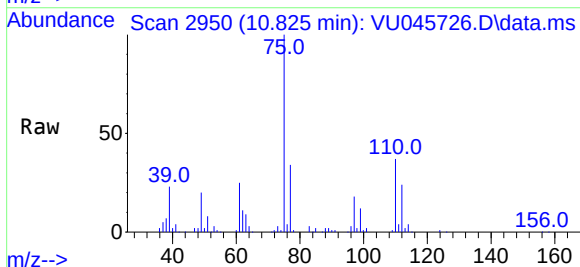
Tgt Ion: 83 Resp: 12834
Ion Ratio Lower Upper
83 100
131 9.4 4.4 13.2
85 64.4 31.9 95.9

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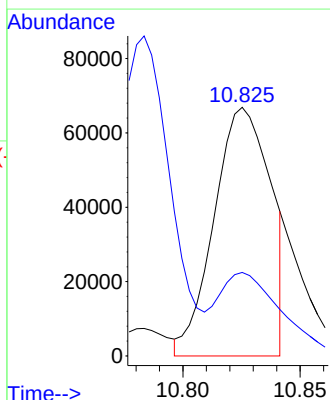
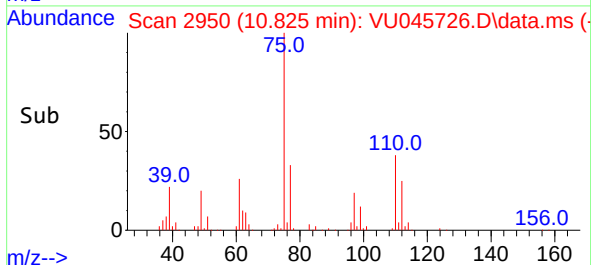
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

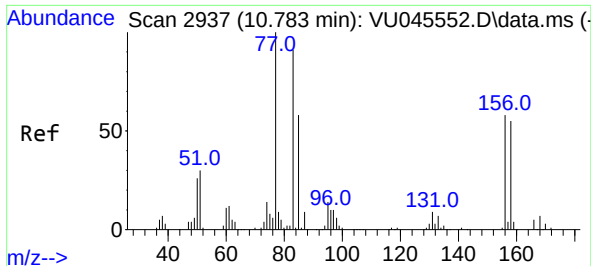


#76
1,2,3-Trichloropropane
Concen: 35.303 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



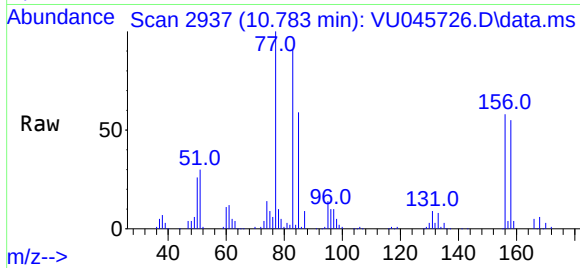
Tgt Ion: 75 Resp: 111842
Ion Ratio Lower Upper
75 100
77 38.0 17.1 51.3





#77
Bromobenzene
Concen: 47.710 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

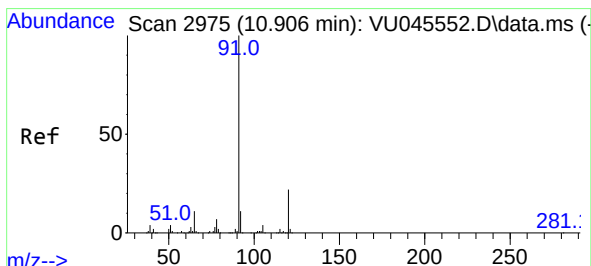
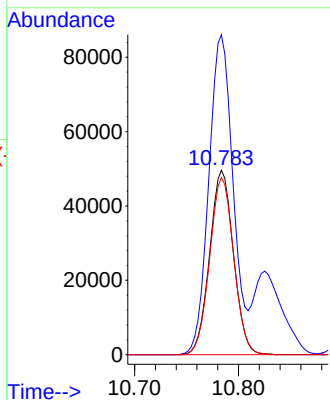
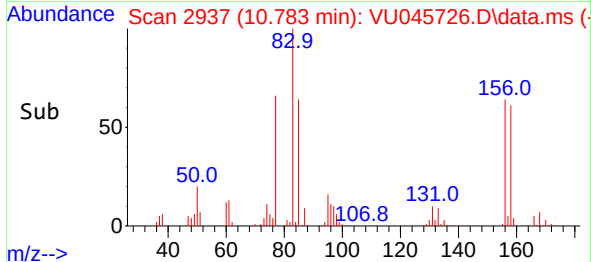
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



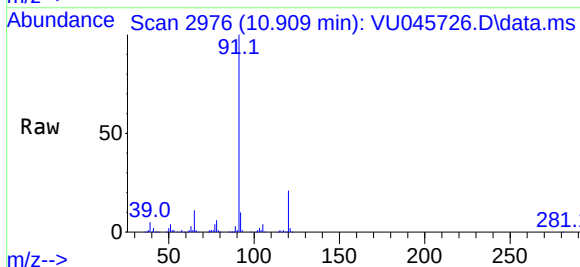
Tgt Ion:156 Resp: 79069
Ion Ratio Lower Upper
156 100
77 176.3 91.1 273.4
158 96.8 47.9 143.6

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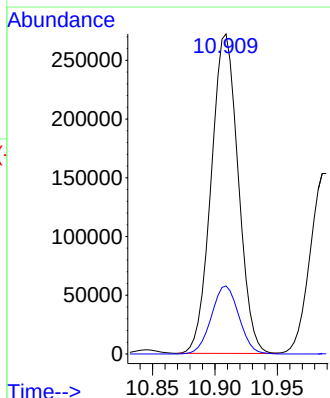
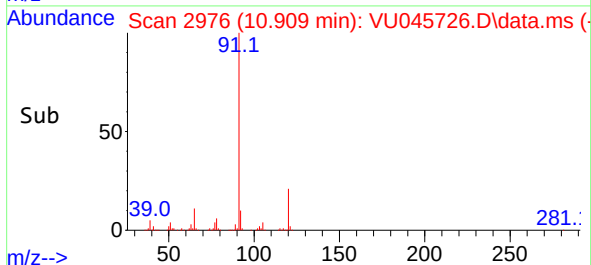
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

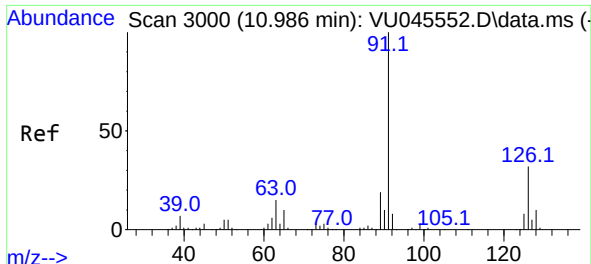


#78
n-propylbenzene
Concen: 48.386 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion: 91 Resp: 411064
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





#79

2-Chlorotoluene

Concen: 48.638 ug/l

RT: 10.986 min Scan# 3000

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 24412

Ion Ratio Lower Upper

91 100

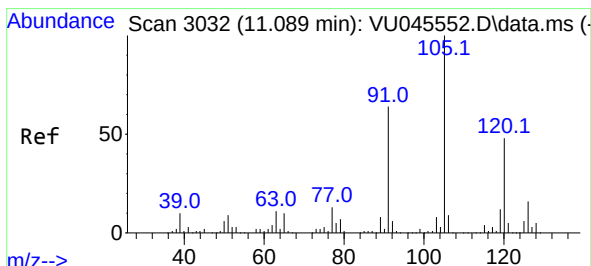
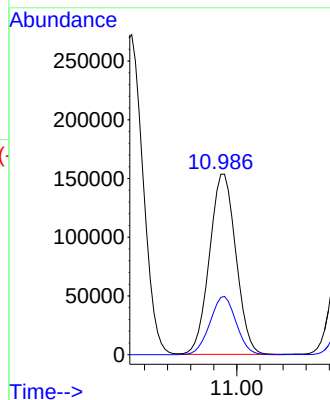
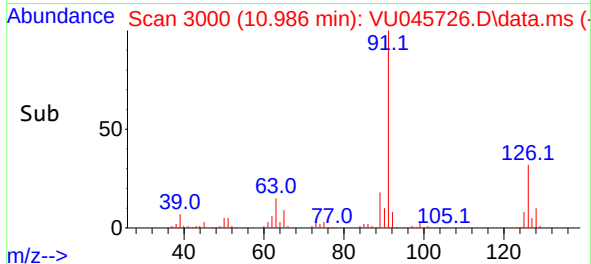
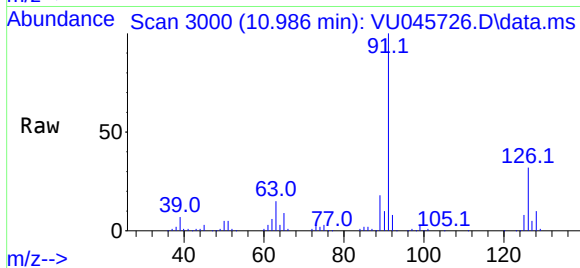
126 32.0 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#80

1,3,5-Trimethylbenzene

Concen: 48.525 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045726.D

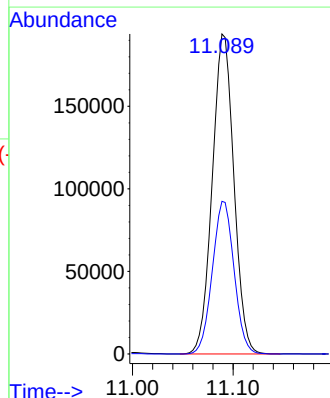
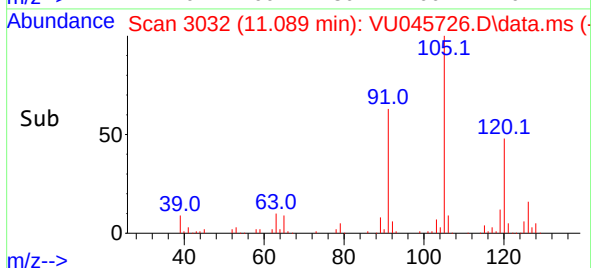
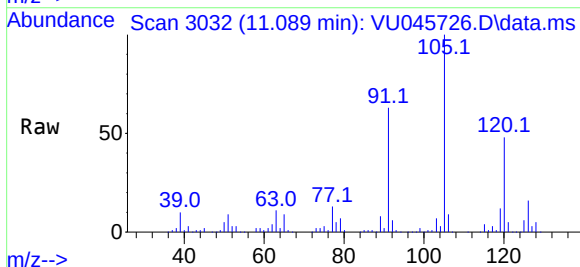
Acq: 11 Nov 2021 06:45

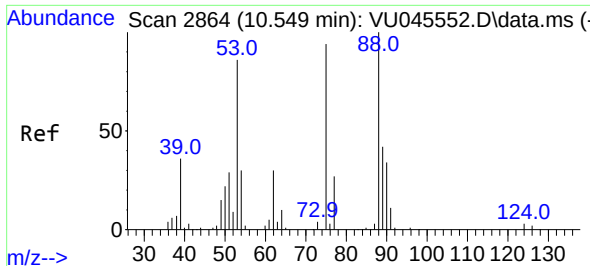
Tgt Ion:105 Resp: 289393

Ion Ratio Lower Upper

105 100

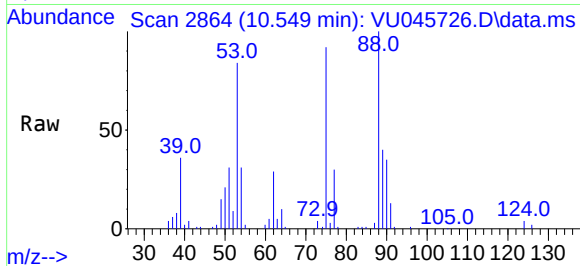
120 47.9 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 34.708 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

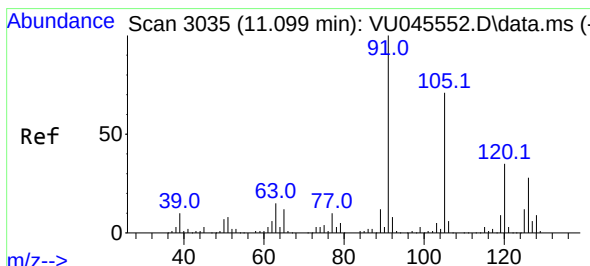
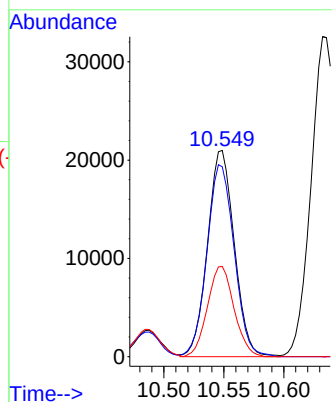
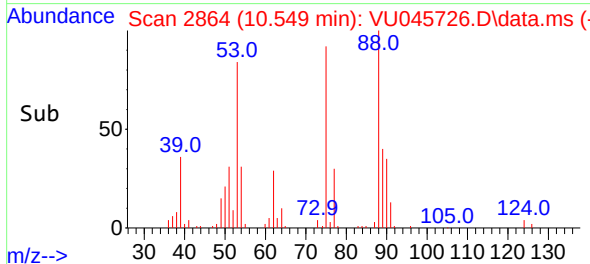
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



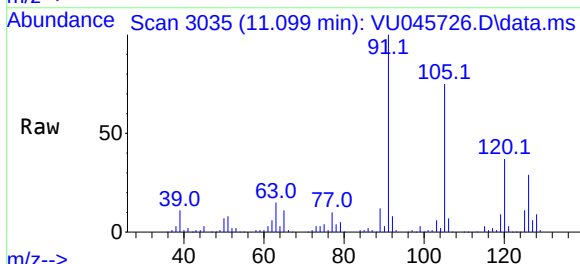
Tgt Ion: 75 Resp: 32624
Ion Ratio Lower Upper
75 100
53 94.3 76.2 114.4
89 43.4 34.0 51.0

Manual Integrations
APPROVED

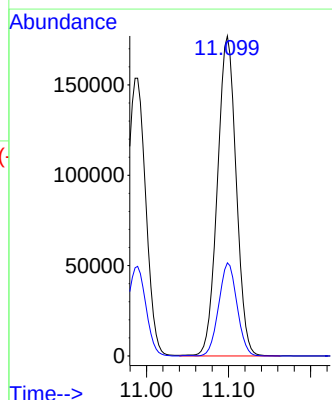
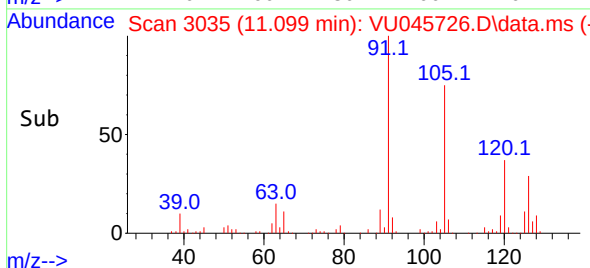
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

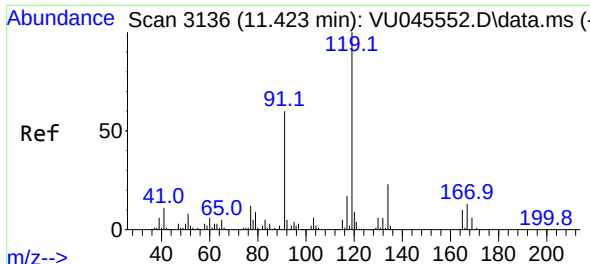


#82
4-Chlorotoluene
Concen: 47.916 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



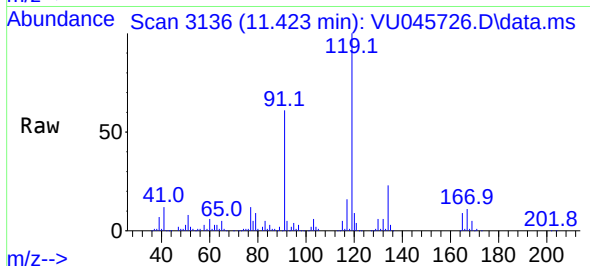
Tgt Ion: 91 Resp: 282051
Ion Ratio Lower Upper
91 100
126 28.3 13.8 41.4





#83
tert-Butylbenzene
Concen: 48.360 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

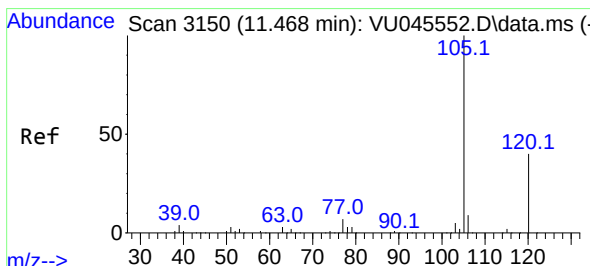
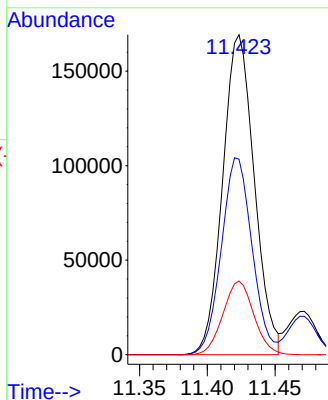
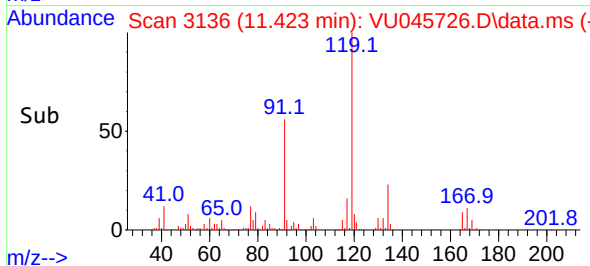
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



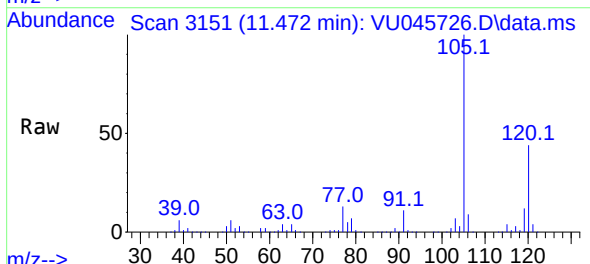
Tgt Ion:119 Resp: 27492
Ion Ratio Lower Upper
119 100
91 60.1 30.5 91.5
134 22.4 11.5 34.5

Manual Integrations
APPROVED

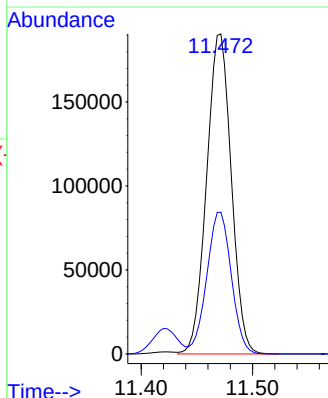
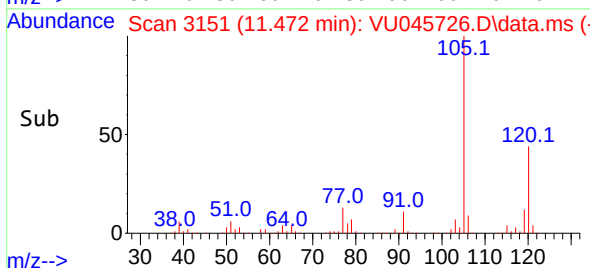
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

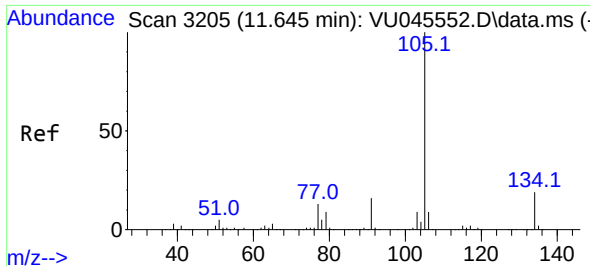


#84
1,2,4-Trimethylbenzene
Concen: 49.431 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



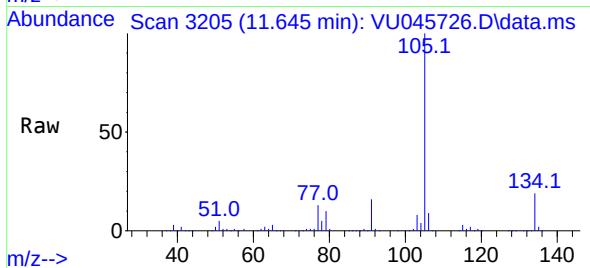
Tgt Ion:105 Resp: 292992
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 47.648 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045726.D
 Acq: 11 Nov 2021 06:45

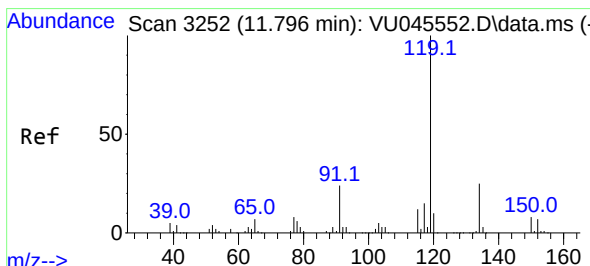
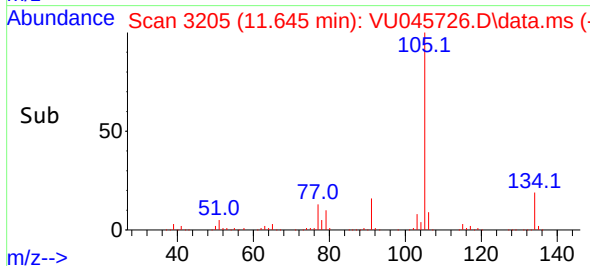
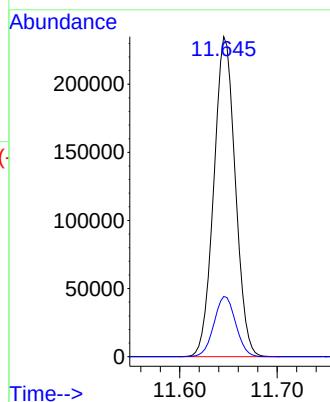
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 359252
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

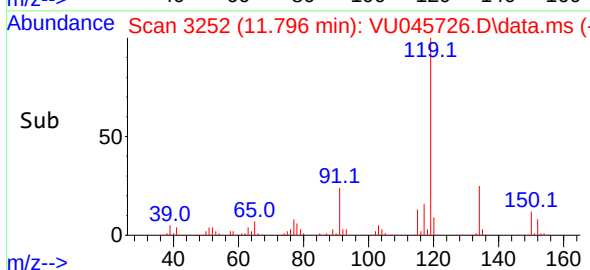
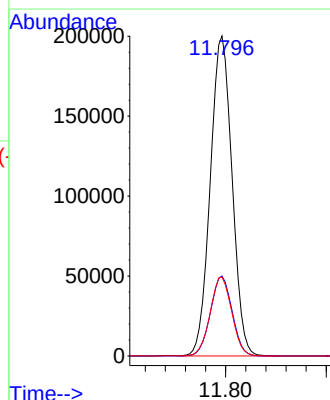
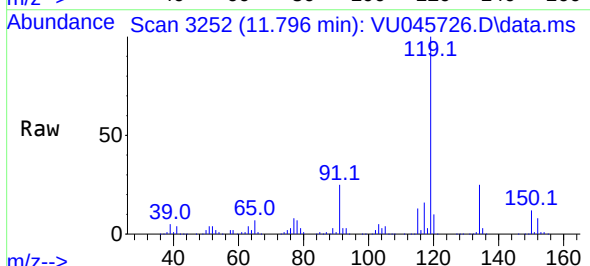
Manual Integrations
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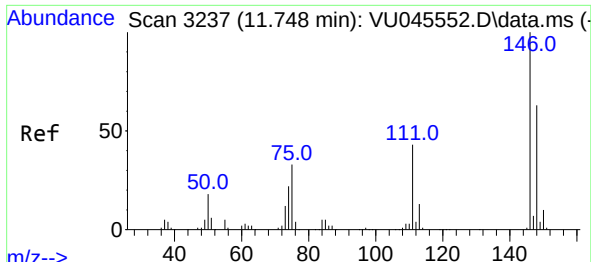
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#86
 p-Isopropyltoluene
 Concen: 47.710 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045726.D
 Acq: 11 Nov 2021 06:45

Tgt Ion:119 Resp: 300601
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 45.953 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

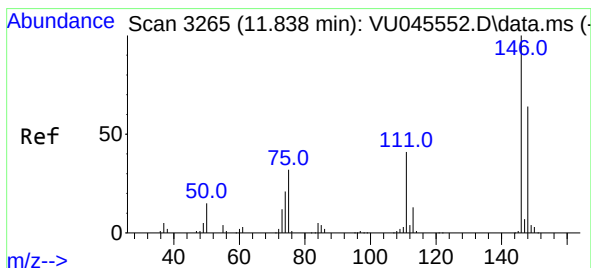
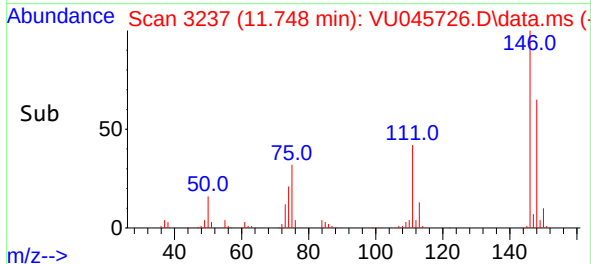
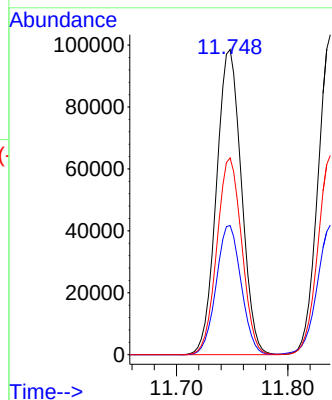
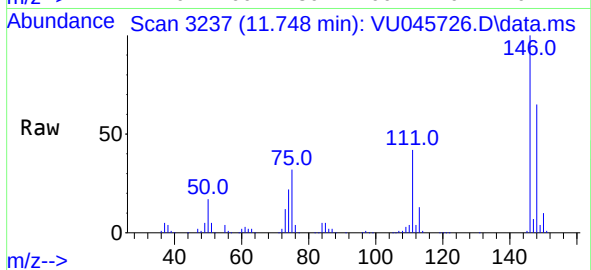
Tgt Ion:146 Resp: 153659
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 63.9
 148 64.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#88

1,4-Dichlorobenzene

Concen: 46.418 ug/l

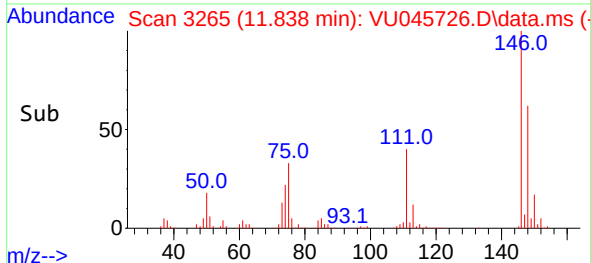
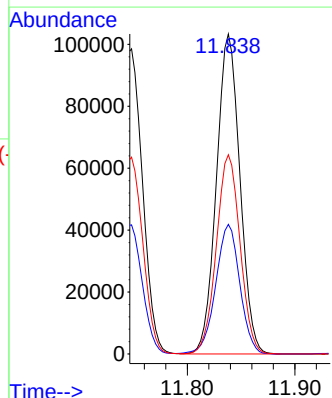
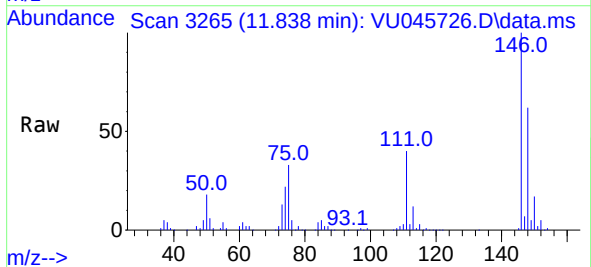
RT: 11.838 min Scan# 3265

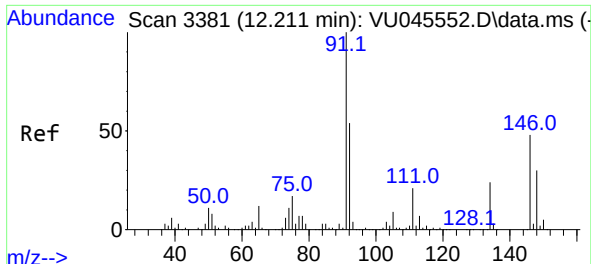
Delta R.T. 0.000 min

Lab File: VU045726.D

Acq: 11 Nov 2021 06:45

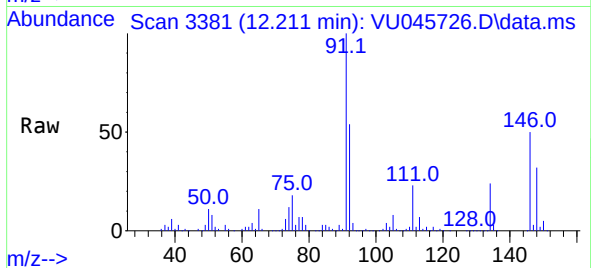
Tgt Ion:146 Resp: 156980
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.6 61.9
 148 62.9 31.9 95.7





#89
n-Butylbenzene
Concen: 45.056 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

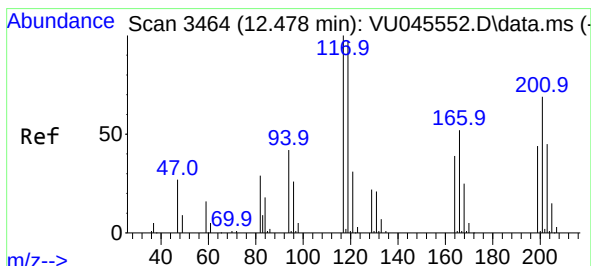
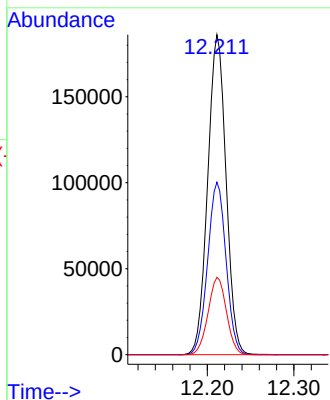
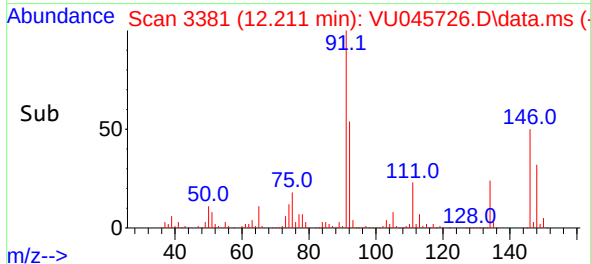
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



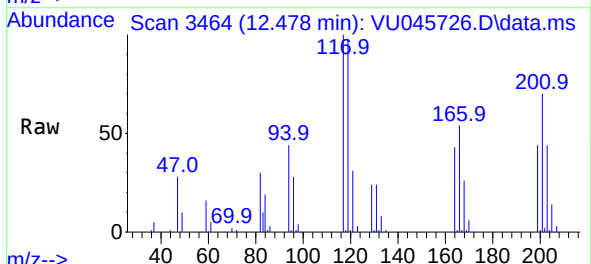
Tgt Ion: 91 Resp: 27345
Ion Ratio Lower Upper
91 100
92 54.0 27.1 81.2
134 24.2 11.8 35.4

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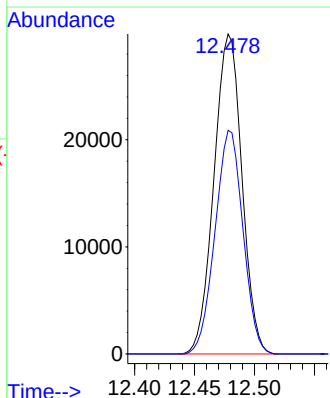
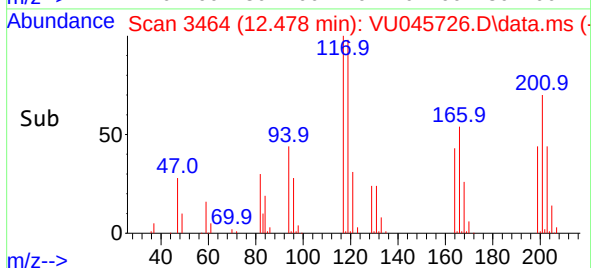
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

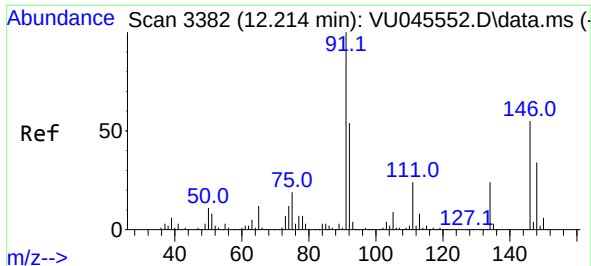


#90
Hexachloroethane
Concen: 42.602 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



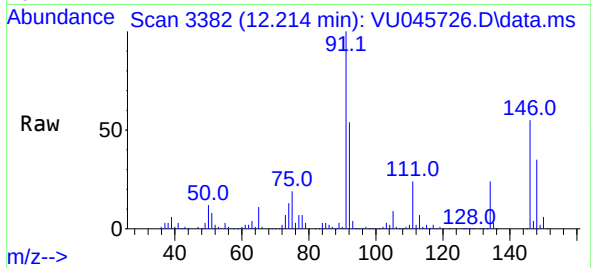
Tgt Ion:117 Resp: 48421
Ion Ratio Lower Upper
117 100
201 69.8 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 47.409 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

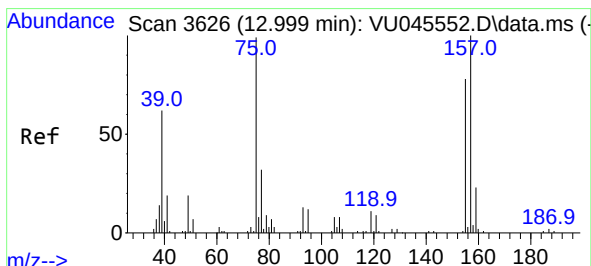
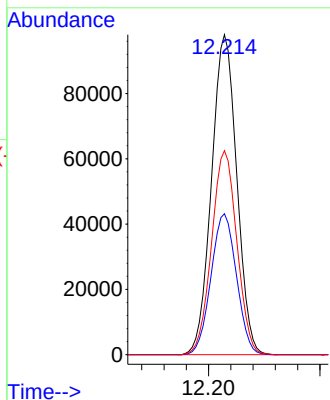
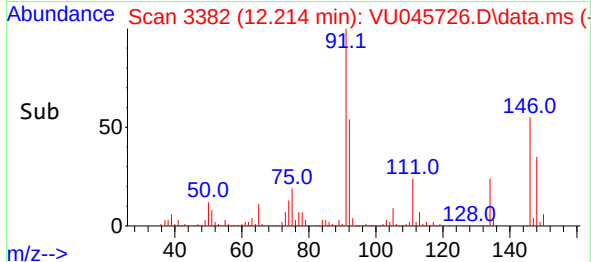
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



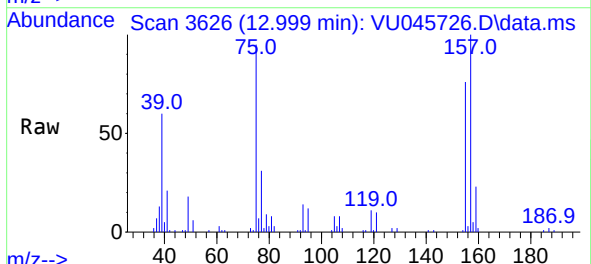
Tgt Ion:146 Resp: 15423
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 63.9 32.1 96.3

Manual Integrations
APPROVED

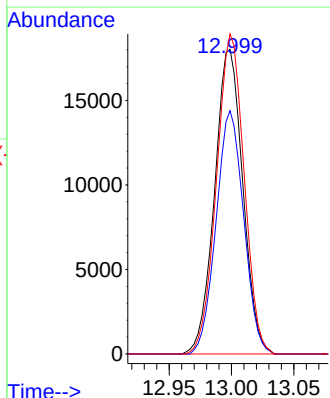
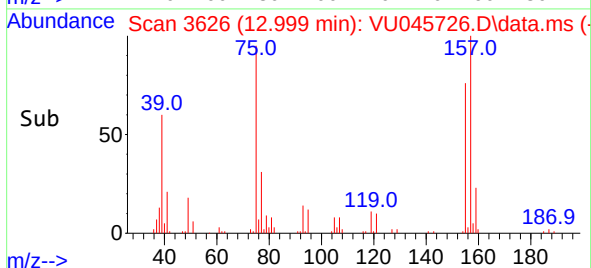
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

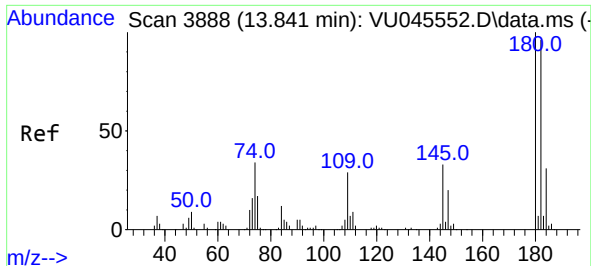


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.567 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



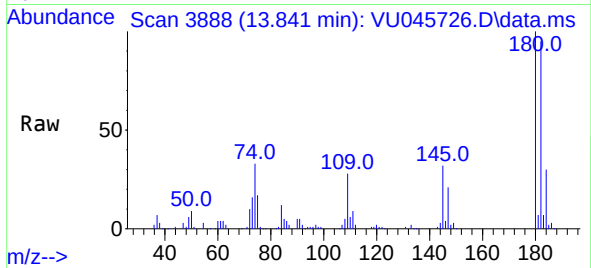
Tgt Ion: 75 Resp: 28439
Ion Ratio Lower Upper
75 100
155 77.9 37.8 113.3
157 102.5 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 44.203 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

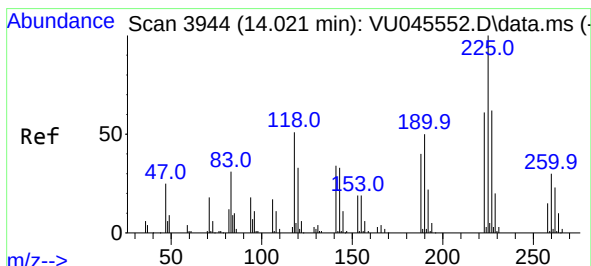
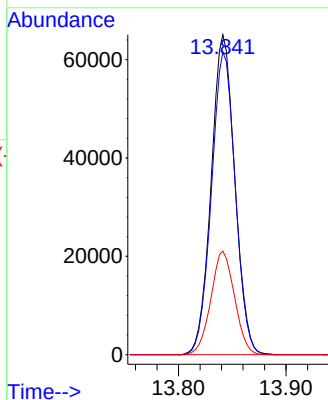
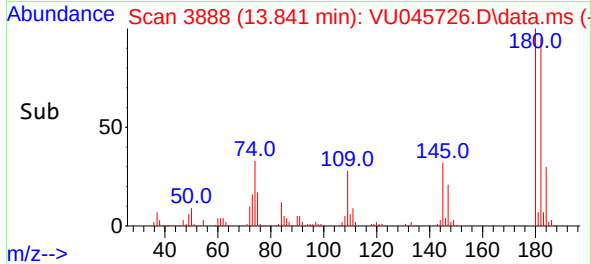
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



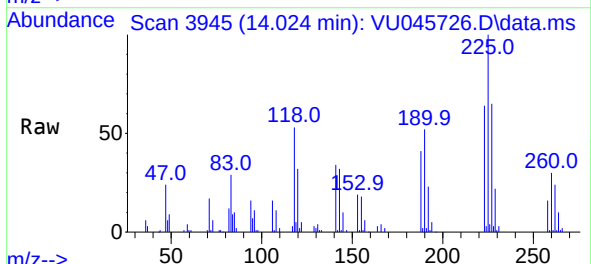
Tgt Ion:180 Resp: 99430
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 32.4 15.6 46.7

Manual Integrations
APPROVED

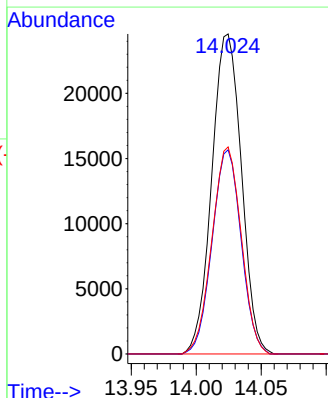
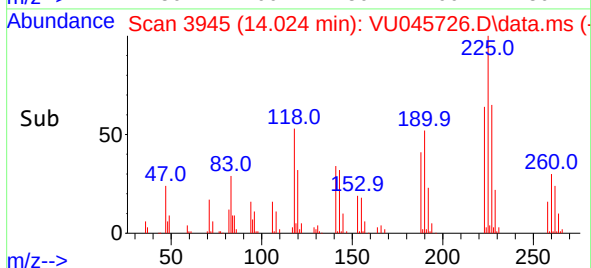
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

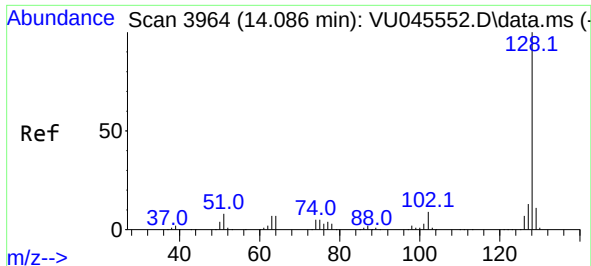


#94
Hexachlorobutadiene
Concen: 40.131 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



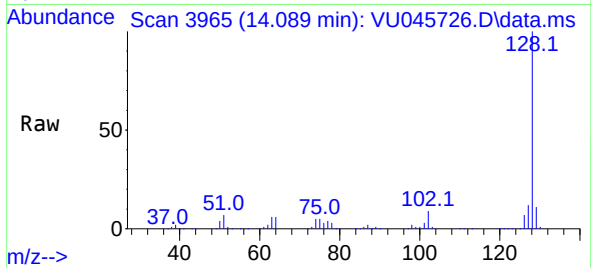
Tgt Ion:225 Resp: 38966
Ion Ratio Lower Upper
225 100
223 62.2 32.0 96.2
227 63.9 31.1 93.5





#95
Naphthalene
Concen: 44.533 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45

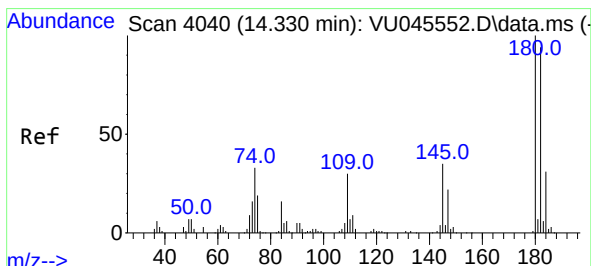
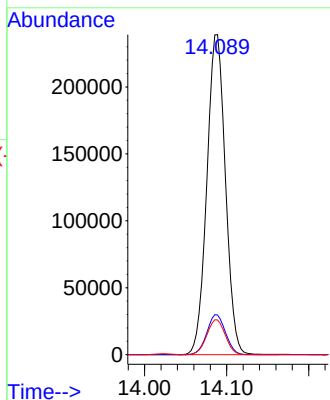
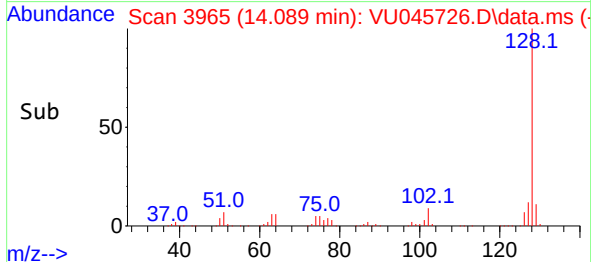
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



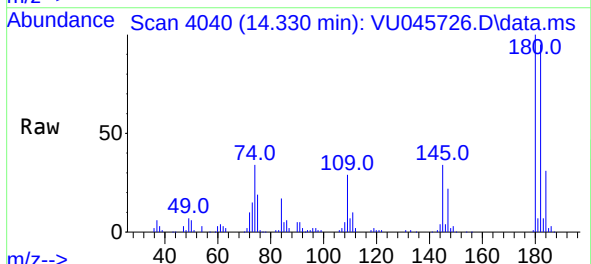
Tgt Ion:128 Resp: 375617
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 46.370 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045726.D
Acq: 11 Nov 2021 06:45



Tgt Ion:180 Resp: 103602
Ion Ratio Lower Upper
180 100
182 95.9 47.7 143.1
145 34.1 16.7 50.0

