

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111121\
 Data File : VU045731.D
 Acq On : 11 Nov 2021 12:17
 Operator : SY/MD
 Sample : VU1111WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 06:05:47 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	112110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	200424	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	191570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	96357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	88741	52.854	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.700%			
35) Dibromofluoromethane	5.292	113	69021	51.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.160%			
50) Toluene-d8	7.902	98	255506	51.350	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.700%			
62) 4-Bromofluorobenzene	10.635	95	97366	48.798	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	27757	19.096	ug/l	100
3) Chloromethane	1.523	50	31740	19.084	ug/l	99
4) Vinyl Chloride	1.604	62	32261	19.913	ug/l	98
5) Bromomethane	1.851	94	19968	22.097	ug/l	97
6) Chloroethane	1.932	64	19852	18.776	ug/l	98
7) Trichlorofluoromethane	2.137	101	44657	20.845	ug/l	100
8) Diethyl Ether	2.379	74	16866	19.888	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.581	101	26128	20.886	ug/l	98
10) Methyl Iodide	2.723	142	27323	16.690	ug/l	92
11) Tert butyl alcohol	3.176	59	34537	103.926	ug/l	98
12) 1,1-Dichloroethene	2.581	96	23945	19.414	ug/l	96
13) Acrolein	2.485	56	4794	99.547	ug/l	97
14) Allyl chloride	2.925	41	42925	19.491	ug/l	97
15) Acrylonitrile	3.314	53	93649	105.548	ug/l	98
16) Acetone	2.623	43	83340	97.510	ug/l	97
17) Carbon Disulfide	2.793	76	60123	17.403	ug/l	99
18) Methyl Acetate	2.948	43	58951	20.251	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	89170	20.084	ug/l	99
20) Methylene Chloride	3.047	84	29820	20.080	ug/l	94
21) trans-1,2-Dichloroethene	3.356	96	26363	20.545	ug/l	95
22) Diisopropyl ether	3.993	45	90803	20.998	ug/l	96
23) Vinyl Acetate	3.957	43	340233	102.298	ug/l	100
24) 1,1-Dichloroethane	3.870	63	53455	20.744	ug/l	99
25) 2-Butanone	4.700	43	124111	104.699	ug/l	99
26) 2,2-Dichloropropane	4.668	77	43356	20.304	ug/l	97
27) cis-1,2-Dichloroethene	4.671	96	30958	20.541	ug/l	100
28) Bromochloromethane	4.977	49	25424	20.695	ug/l	96
29) Tetrahydrofuran	5.050	42	75220	103.738	ug/l	99
30) Chloroform	5.092	83	54013	21.194	ug/l	100
31) Cyclohexane	5.391	56	47344	19.326	ug/l	94
32) 1,1,1-Trichloroethane	5.321	97	45232	20.812	ug/l	97
36) 1,1-Dichloropropene	5.530	75	38039	19.464	ug/l	99
37) Ethyl Acetate	4.806	43	45215	20.141	ug/l	98
38) Carbon Tetrachloride	5.530	117	38549	19.566	ug/l	98
39) Methylcyclohexane	6.764	83	44815	18.692	ug/l	98
40) Benzene	5.777	78	113987	19.701	ug/l	98

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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	24671	20.796	ug/l	98
42) 1,2-Dichloroethane	5.796	62	42655	20.410	ug/l	100
43) Isopropyl Acetate	5.912	43	66863	19.473	ug/l	100
44) Trichloroethene	6.546	130	28750	20.759	ug/l	97
45) 1,2-Dichloropropane	6.793	63	31710	20.712	ug/l	96
46) Dibromomethane	6.919	93	21615	20.376	ug/l	99
47) Bromodichloromethane	7.108	83	41837	20.786	ug/l	99
48) Methyl methacrylate	6.960	41	31011	19.622	ug/l	100
49) 1,4-Dioxane	6.964	88	16967	417.464	ug/l #	97
51) 4-Methyl-2-Pentanone	7.793	43	231044	102.004	ug/l	99
52) Toluene	7.973	92	72832	20.561	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	42121	18.209	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	48536	19.754	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	30581	20.830	ug/l	98
56) Ethyl methacrylate	8.337	69	45128	18.731	ug/l	97
57) 1,3-Dichloropropane	8.578	76	53353	20.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	98464	72.851	ug/l	99
59) 2-Hexanone	8.684	43	172928	92.631	ug/l	98
60) Dibromochloromethane	8.812	129	30935	20.236	ug/l	100
61) 1,2-Dibromoethane	8.925	107	31403	19.944	ug/l	99
64) Tetrachloroethene	8.555	164	24399	22.190	ug/l	94
65) Chlorobenzene	9.449	112	74468	19.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	26911	20.052	ug/l	99
67) Ethyl Benzene	9.574	91	132378	19.644	ug/l	100
68) m/p-Xylenes	9.697	106	105021	41.324	ug/l	97
69) o-Xylene	10.102	106	50604	20.481	ug/l	98
70) Styrene	10.118	104	84046	20.107	ug/l	98
71) Bromoform	10.295	173	22208	19.491	ug/l #	100
73) Isopropylbenzene	10.488	105	134988	21.441	ug/l	100
74) N-amyl acetate	10.320	43	50917	17.927	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.787	83	52131	20.899	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	44770m	15.321	ug/l	
77) Bromobenzene	10.783	156	31408	20.547	ug/l	96
78) n-propylbenzene	10.909	91	160430	20.474	ug/l	99
79) 2-Chlorotoluene	10.989	91	98191	21.210	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	115564	21.009	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	14157	17.914	ug/l	99
82) 4-Chlorotoluene	11.098	91	112369	20.697	ug/l	99
83) tert-Butylbenzene	11.423	119	110396	21.053	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	113108	20.689	ug/l	99
85) sec-Butylbenzene	11.645	105	145436	20.913	ug/l	100
86) p-Isopropyltoluene	11.796	119	118377	20.370	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	60634	19.660	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	61330	19.661	ug/l	98
89) n-Butylbenzene	12.211	91	104801	18.721	ug/l	99
90) Hexachloroethane	12.478	117	19365	18.472	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	61076	20.354	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	11137	18.922	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	37729	18.185	ug/l	99
94) Hexachlorobutadiene	14.024	225	16459	18.378	ug/l	98
95) Naphthalene	14.089	128	134554	17.925	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	39342	19.091	ug/l	98

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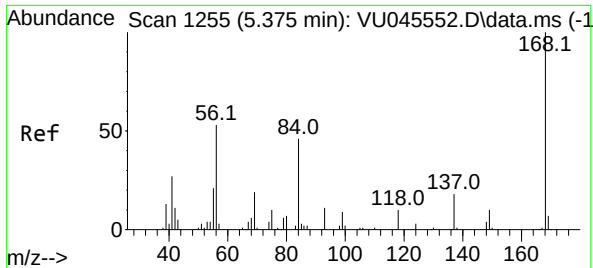
Manual Integrations
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Response via : Initial Calibration

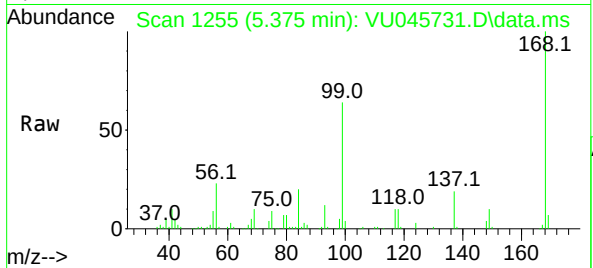
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045731.D
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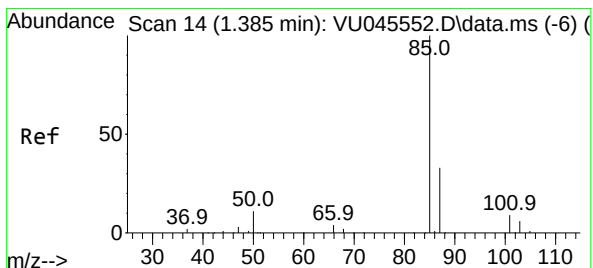
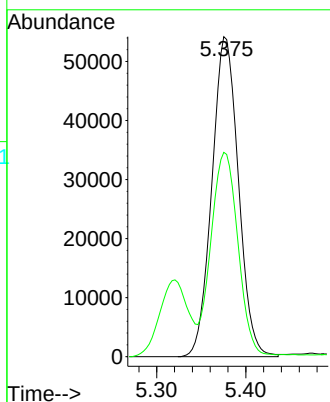
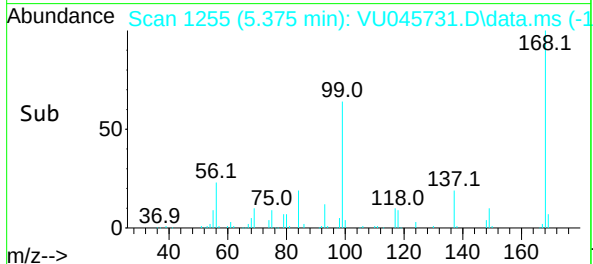
Instrument :
MSVOA_U
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VU1111WBS01



Tgt Ion:168 Resp: 112110
Ion Ratio Lower Upper
168 100
99 63.2 51.0 76.6

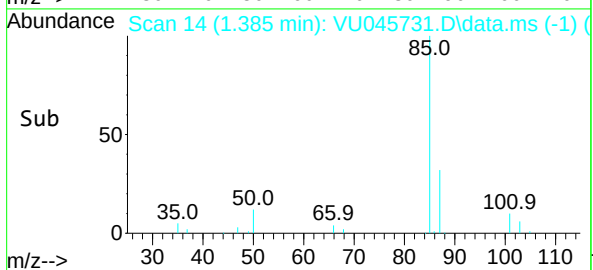
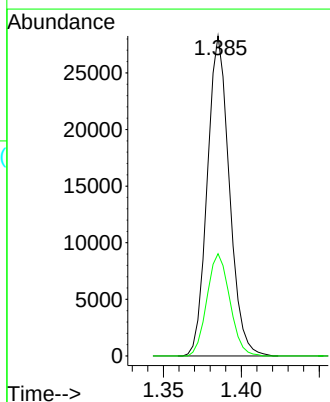
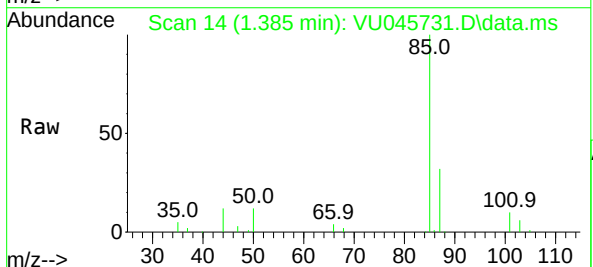
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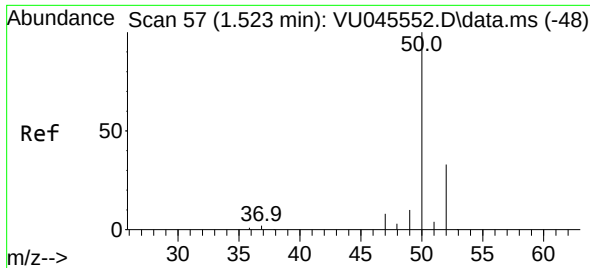
Reviewed By :John Carlone 11/12/2021
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#2
Dichlorodifluoromethane
Concen: 19.096 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

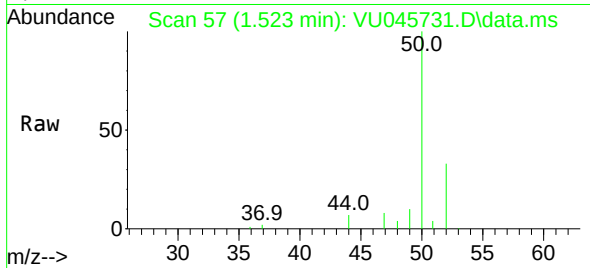
Tgt Ion: 85 Resp: 27757
Ion Ratio Lower Upper
85 100
87 32.0 15.9 47.7





#3
Chloromethane
Concen: 19.084 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

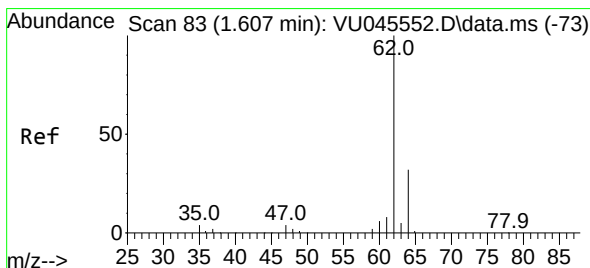
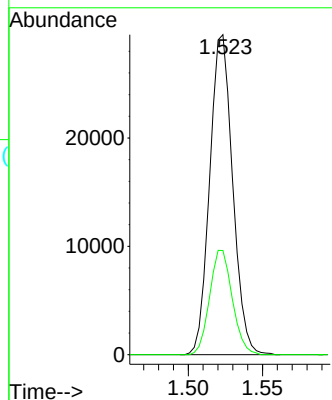
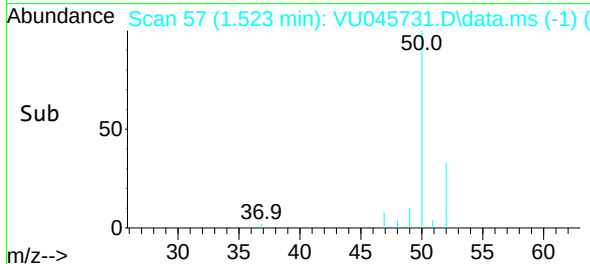
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Tgt Ion: 50 Resp: 31740
Ion Ratio Lower Upper
50 100
52 32.6 26.6 40.0

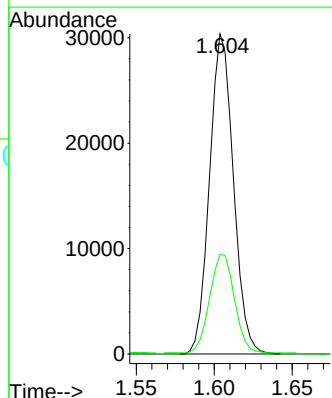
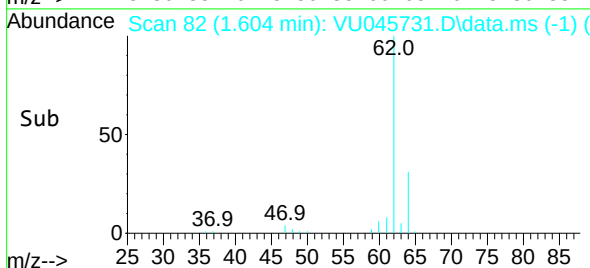
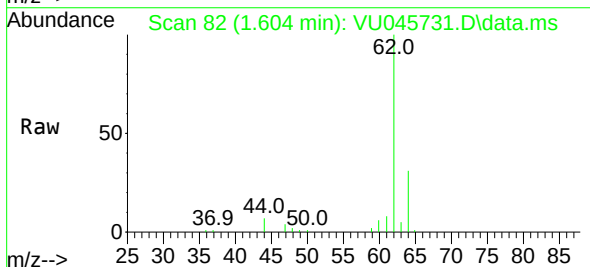
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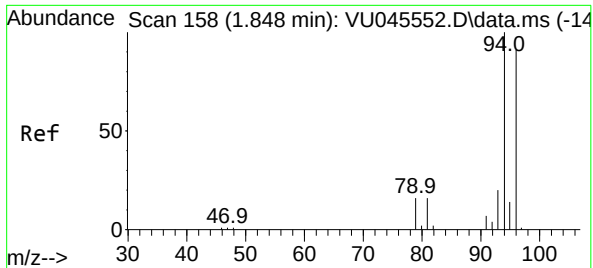
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 19.913 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Tgt Ion: 62 Resp: 32261
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6





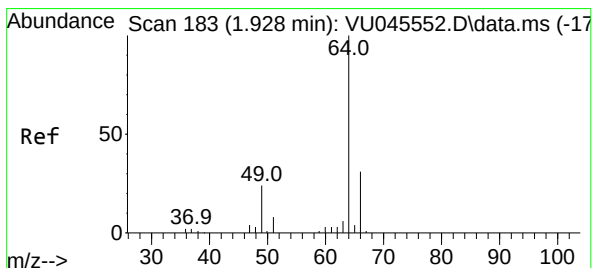
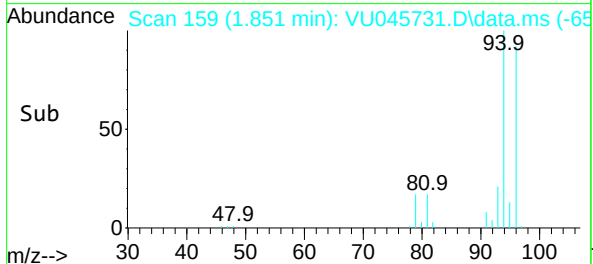
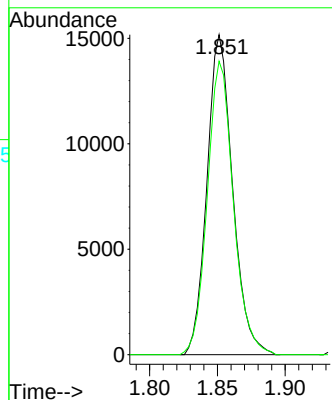
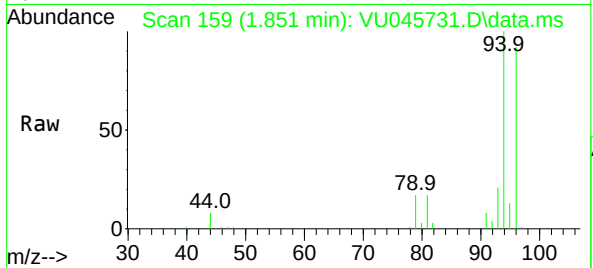
#5
Bromomethane
Concen: 22.097 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045731.D
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Tgt Ion: 94 Resp: 1996
Ion Ratio Lower Upper
94 100
96 91.7 75.4 113.2

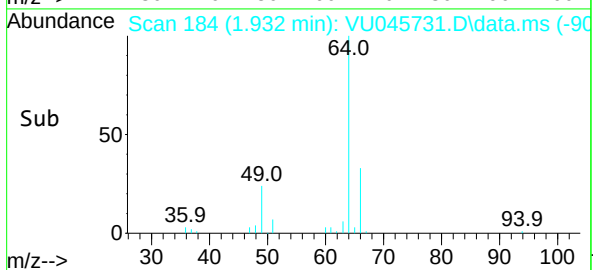
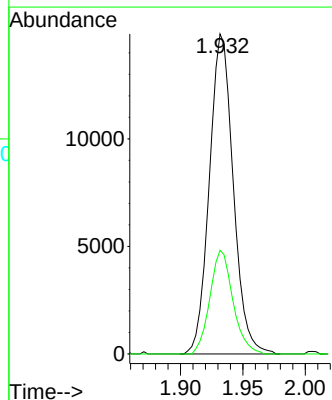
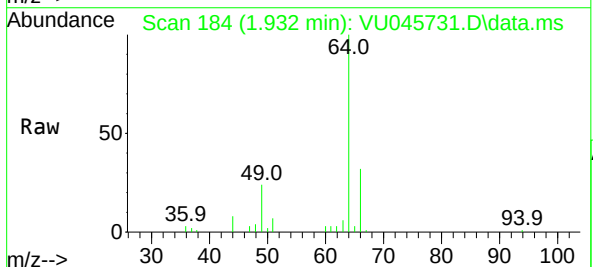
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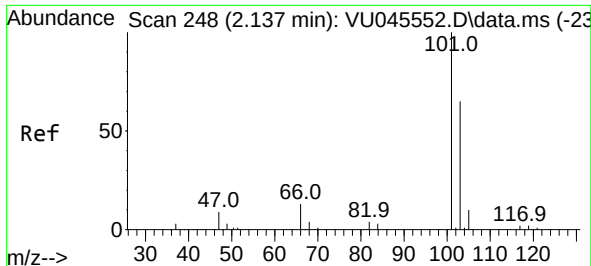
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 18.776 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Tgt Ion: 64 Resp: 19852
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1





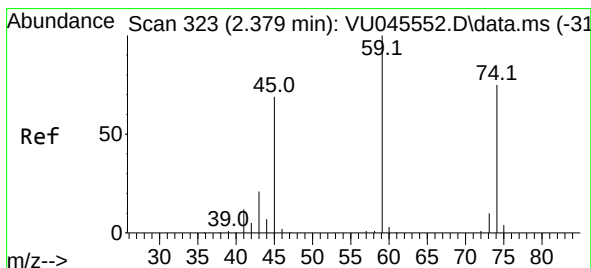
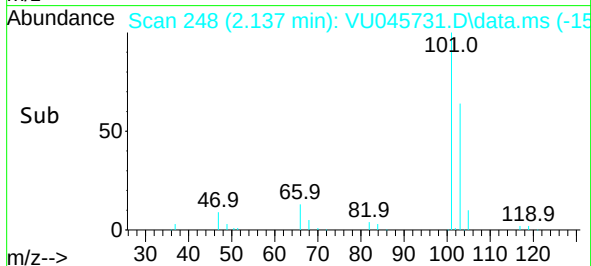
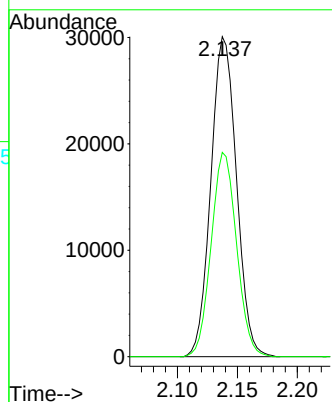
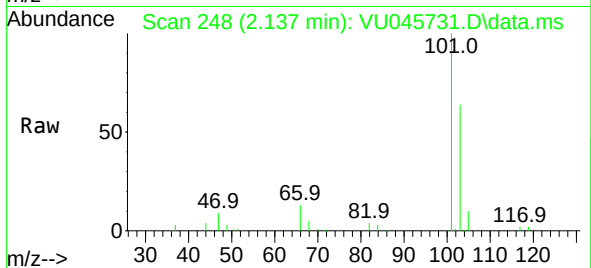
#7
Trichlorofluoromethane
Concen: 20.845 ug/l
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Instrument :
MSVOA_U
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VU1111WBS01

Tgt Ion:101 Resp: 4465
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

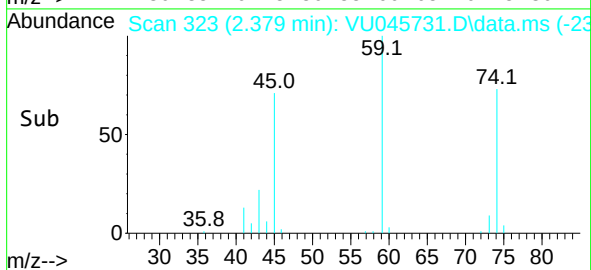
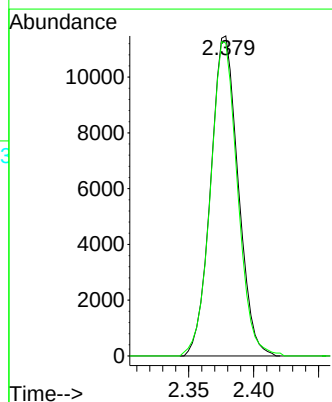
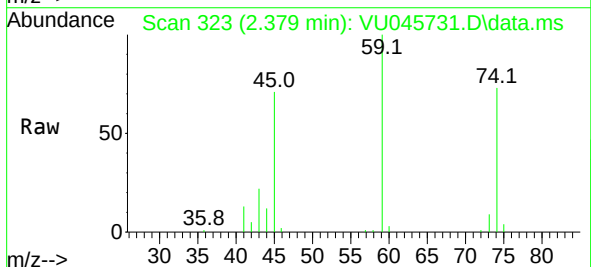
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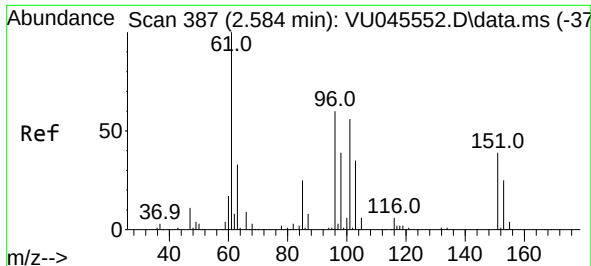
Reviewed By :John Carlone 11/12/2021
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#8
Diethyl Ether
Concen: 19.888 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Tgt Ion: 74 Resp: 16866
Ion Ratio Lower Upper
74 100
45 96.9 47.3 141.8





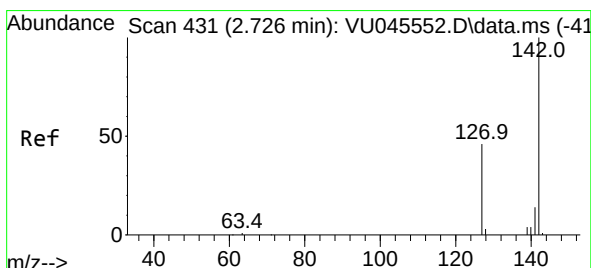
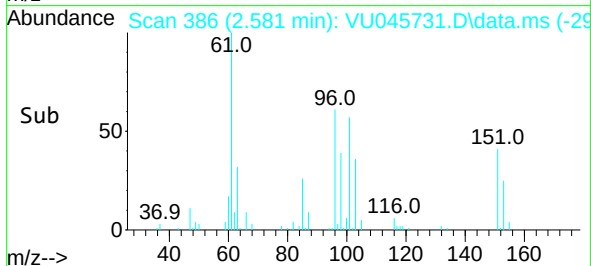
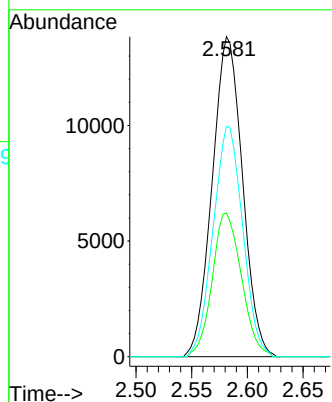
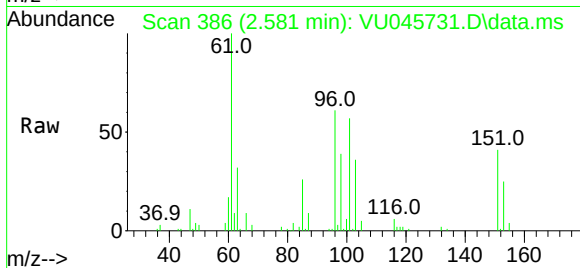
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.886 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

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Tgt Ion:101 Resp: 26128
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 70.5 54.6 82.0

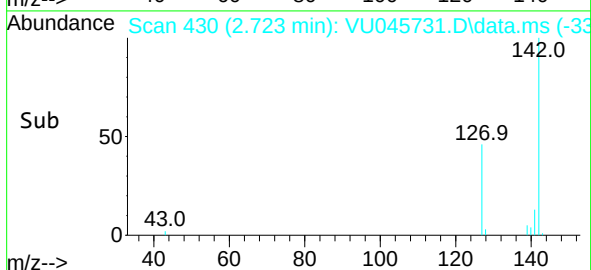
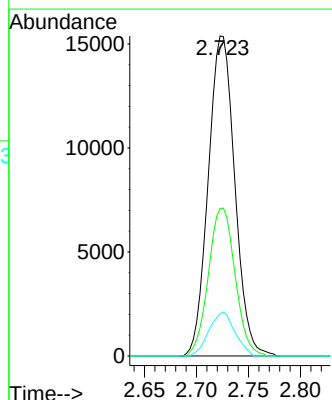
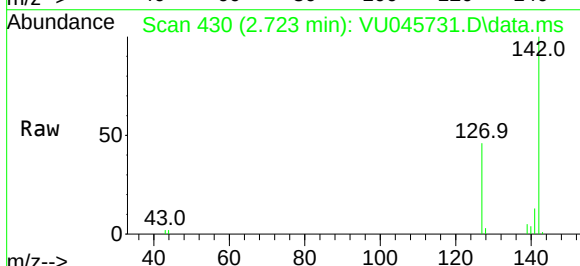
Manual Integrations
APPROVED

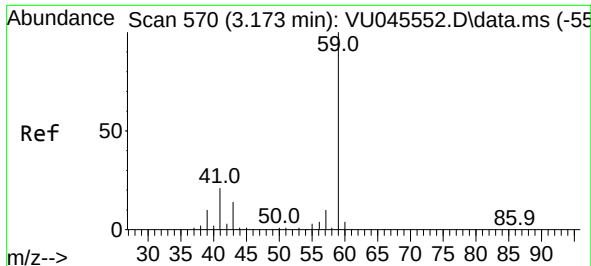
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 16.690 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Tgt Ion:142 Resp: 27323
Ion Ratio Lower Upper
142 100
127 46.4 32.2 48.2
141 13.4 11.3 16.9





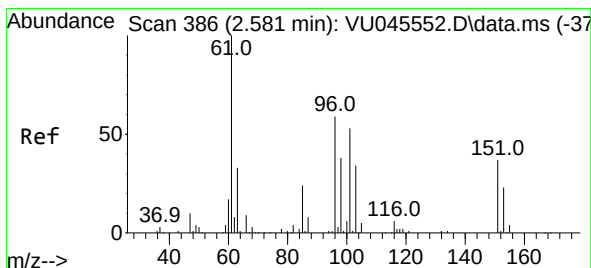
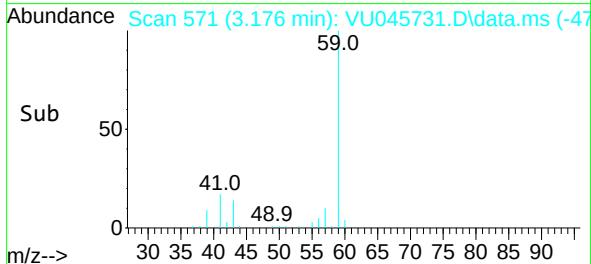
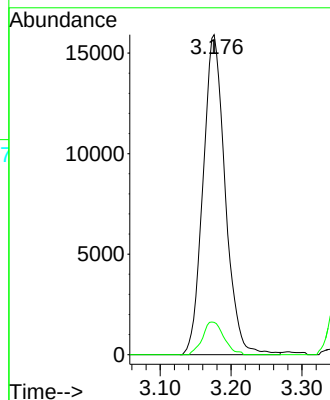
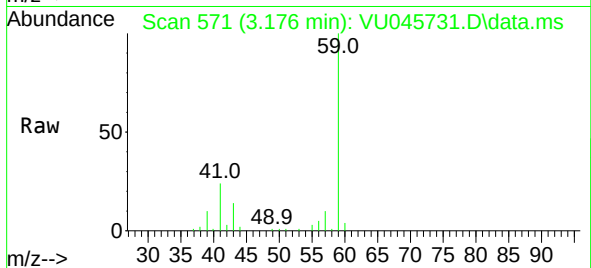
#11
Tert butyl alcohol
Concen: 103.926 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

Tgt Ion: 59 Resp: 3453
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

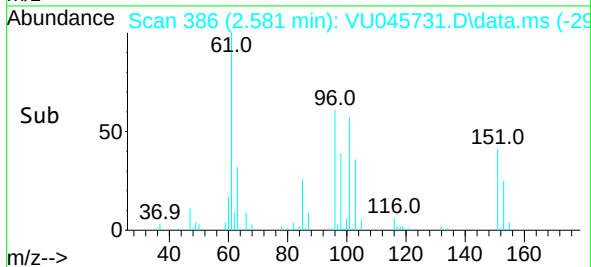
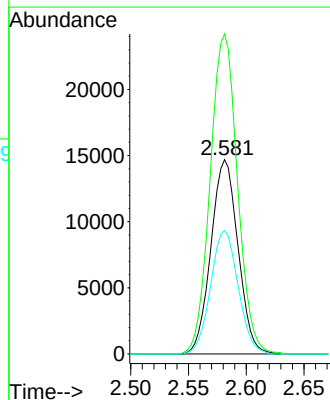
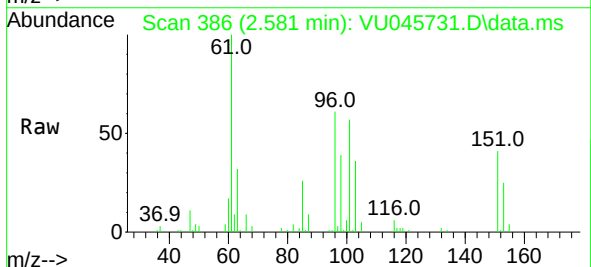
Manual Integrations
APPROVED

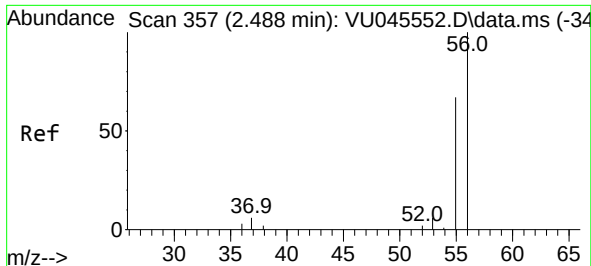
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 19.414 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

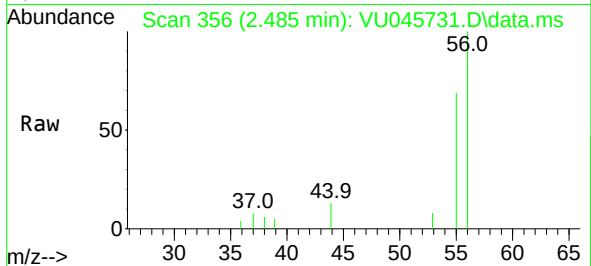
Tgt Ion: 96 Resp: 23945
Ion Ratio Lower Upper
96 100
61 164.7 137.1 205.7
98 63.6 51.5 77.3





#13
Acrolein
Concen: 99.547 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

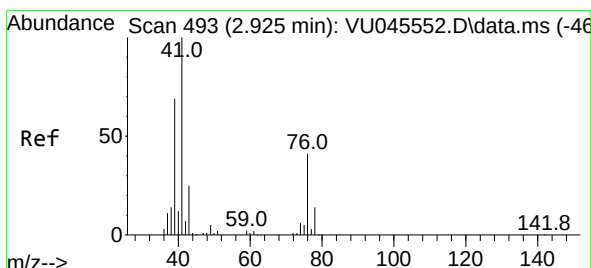
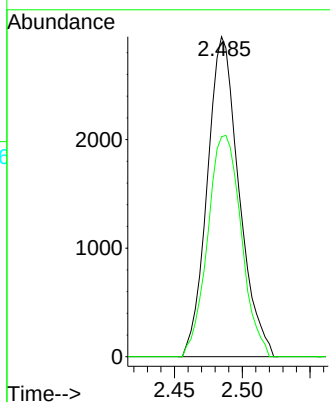
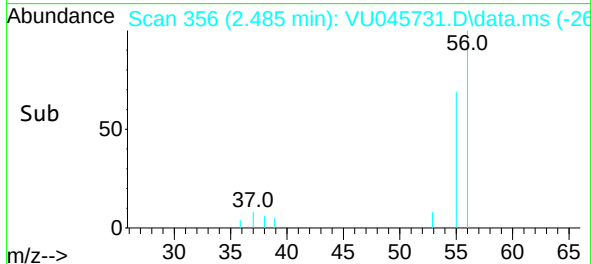
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



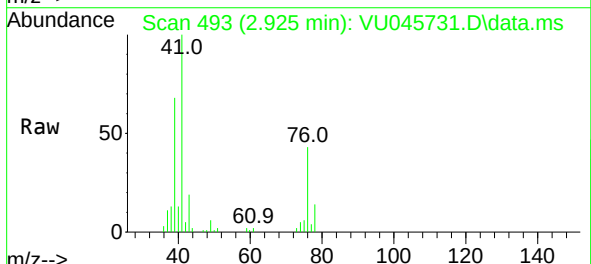
Tgt Ion: 56 Resp: 4794
Ion Ratio Lower Upper
56 100
55 73.2 56.3 84.5

Manual Integrations
APPROVED

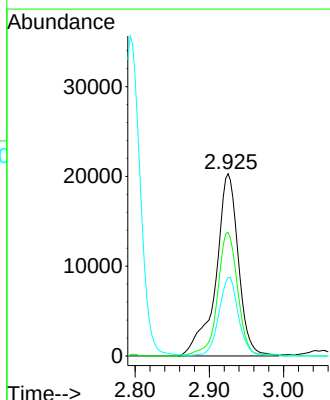
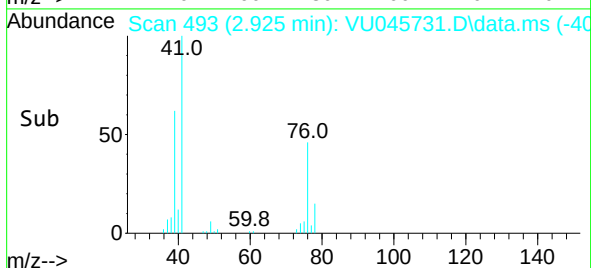
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

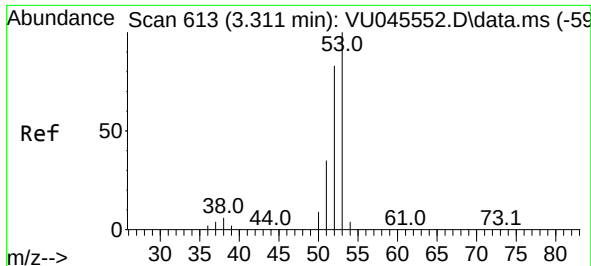


#14
Allyl chloride
Concen: 19.491 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



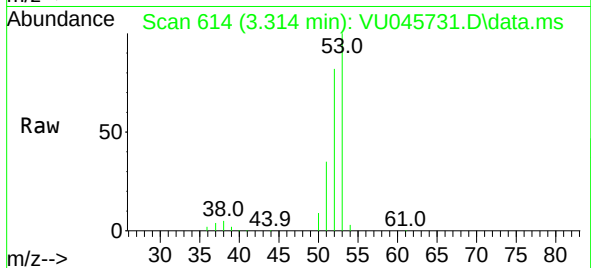
Tgt Ion: 41 Resp: 42925
Ion Ratio Lower Upper
41 100
39 60.4 49.7 74.5
76 37.6 27.7 41.5





#15
Acrylonitrile
Concen: 105.548 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

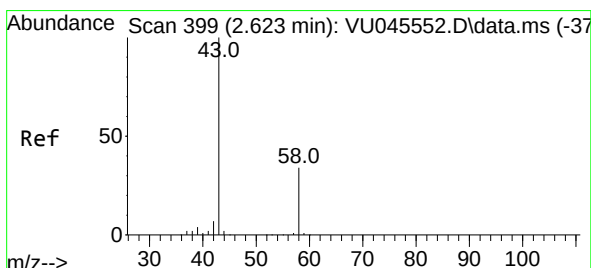
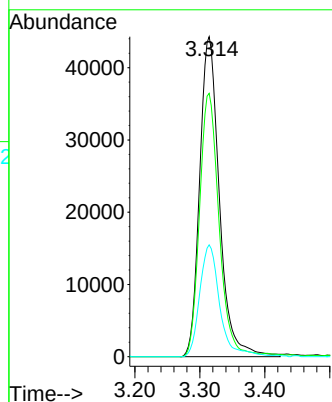
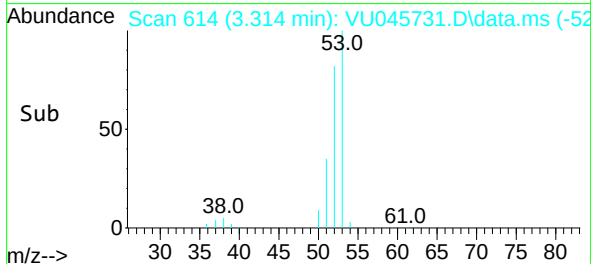
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



Tgt Ion: 53 Resp: 93649
Ion Ratio Lower Upper
53 100
52 81.2 66.6 100.0
51 35.6 28.4 42.6

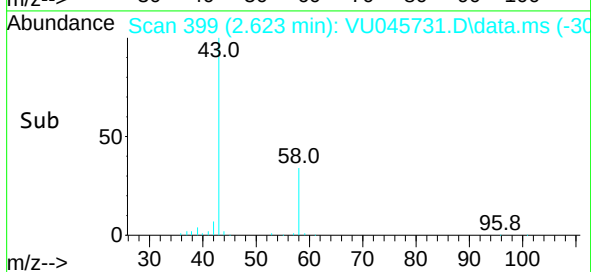
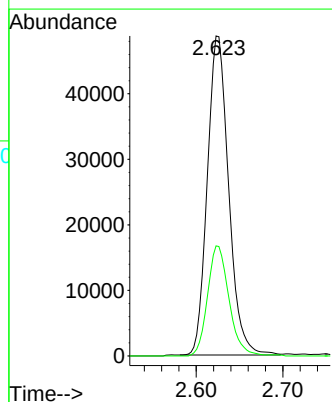
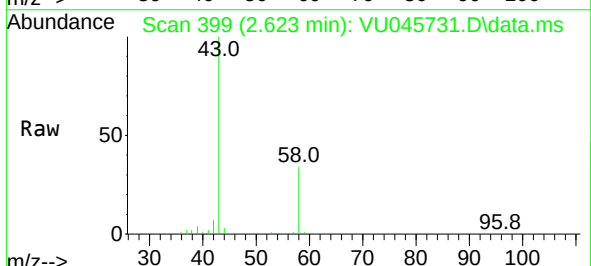
Manual Integrations
APPROVED

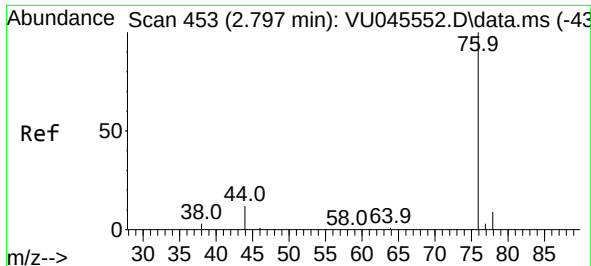
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 97.510 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Tgt Ion: 43 Resp: 83340
Ion Ratio Lower Upper
43 100
58 34.5 26.2 39.2





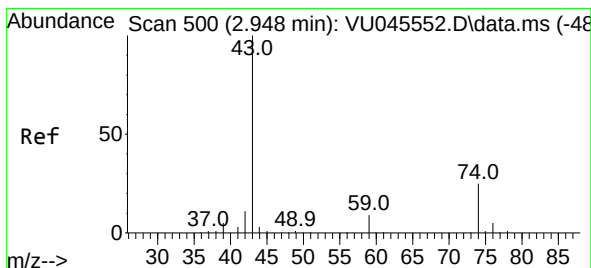
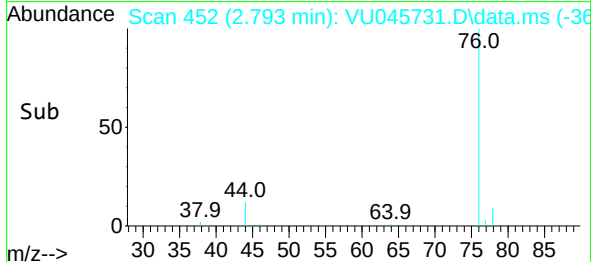
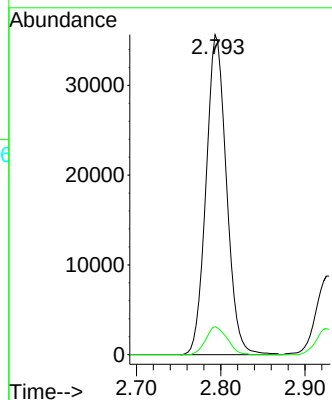
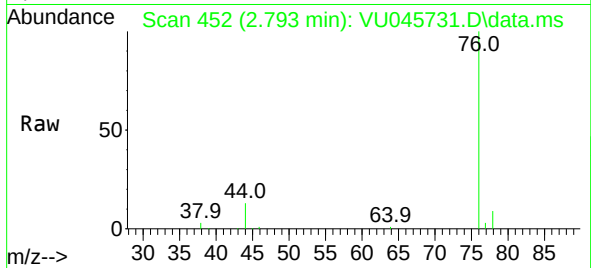
#17
Carbon Disulfide
Concen: 17.403 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

Tgt Ion: 76 Resp: 6012
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

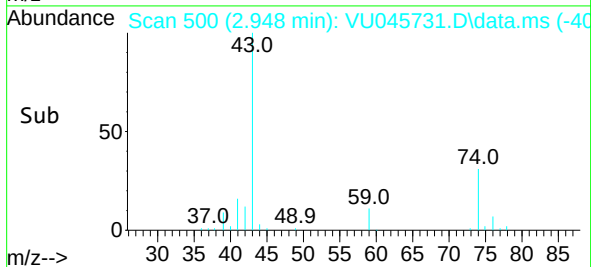
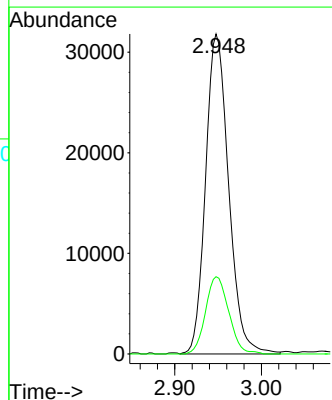
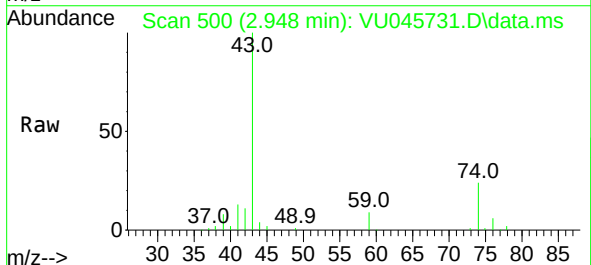
Manual Integrations
APPROVED

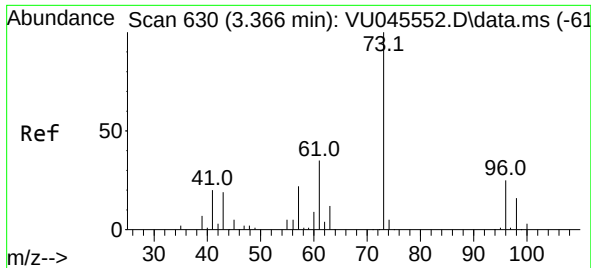
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 20.251 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

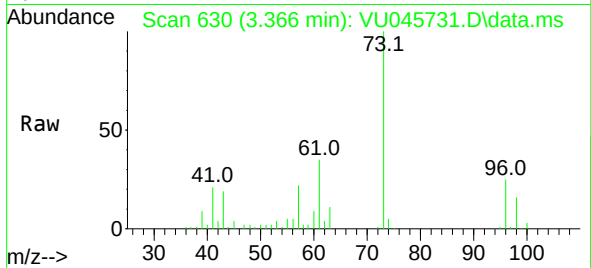
Tgt Ion: 43 Resp: 58951
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 20.084 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

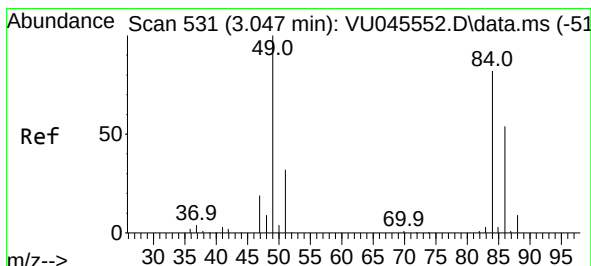
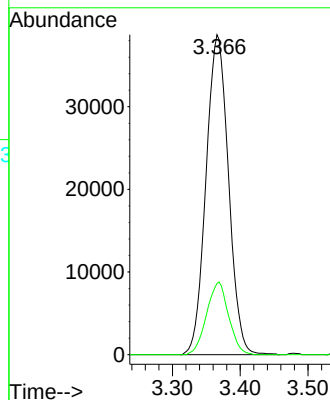
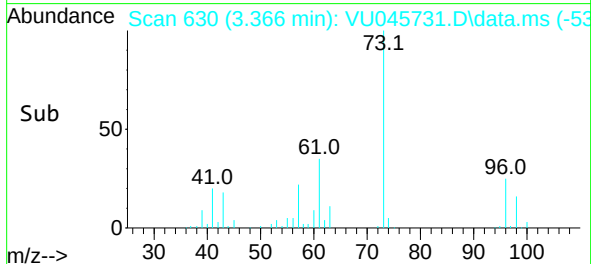
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



Tgt Ion: 73 Resp: 89170
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1

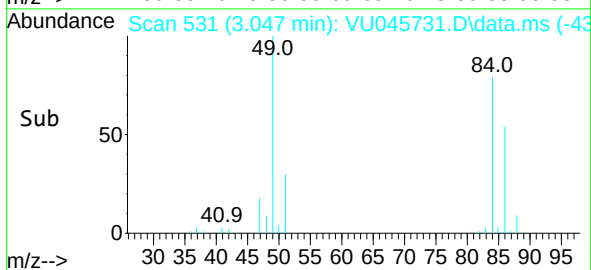
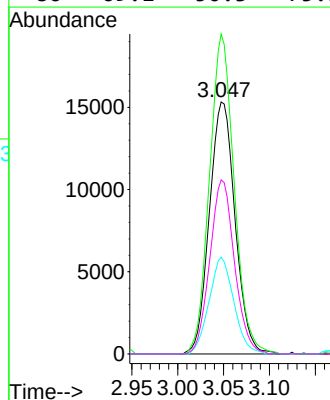
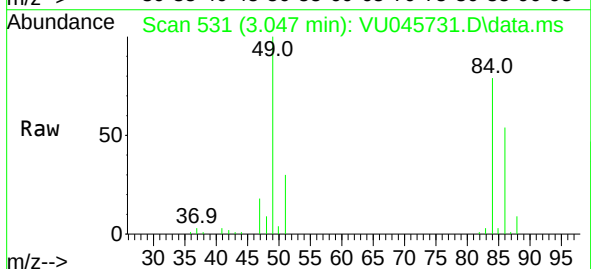
Manual Integrations
APPROVED

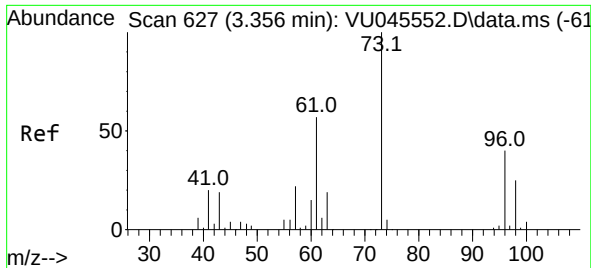
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 20.080 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

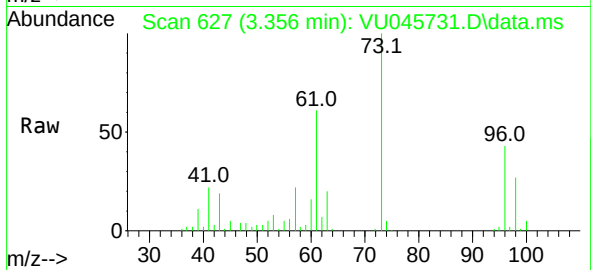
Tgt Ion: 84 Resp: 29820
Ion Ratio Lower Upper
84 100
49 127.0 96.4 144.6
51 38.4 30.5 45.7
86 69.1 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 20.545 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

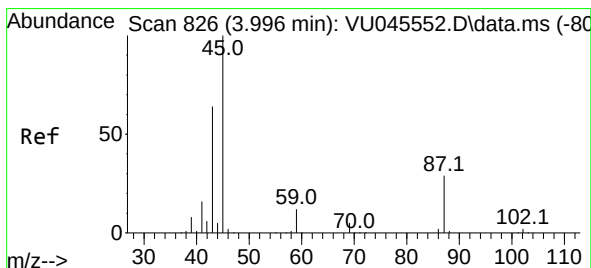
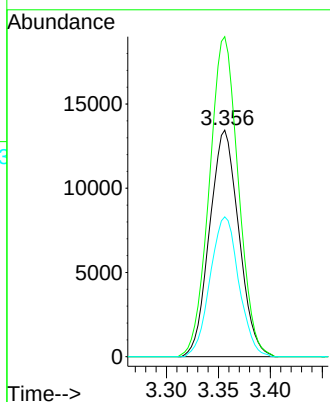
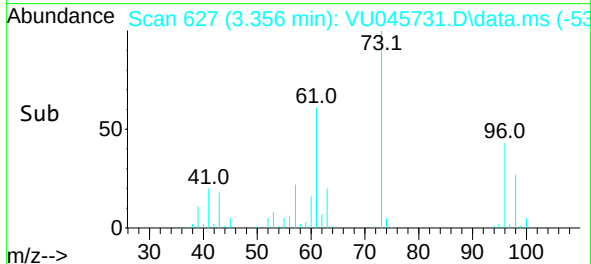
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



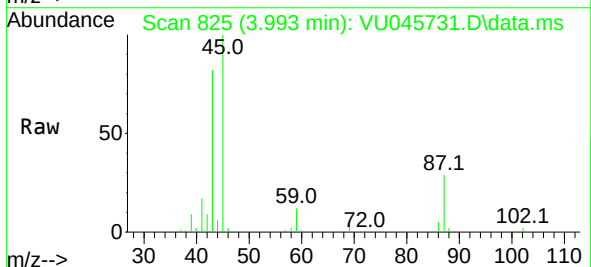
Tgt Ion: 96 Resp: 2636
Ion Ratio Lower Upper
96 100
61 141.2 118.2 177.4
98 61.7 52.1 78.1

Manual Integrations
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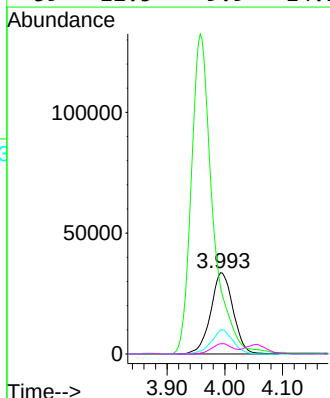
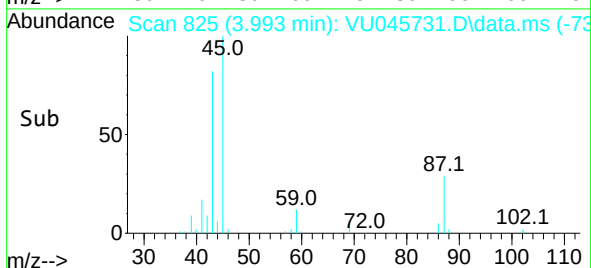
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

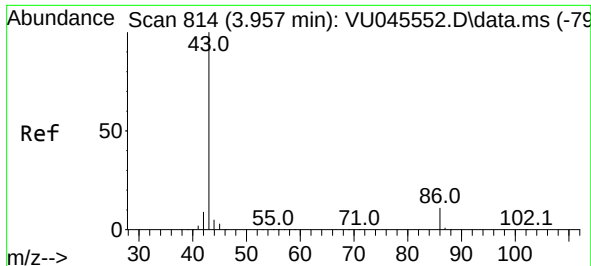


#22
Diisopropyl ether
Concen: 20.998 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



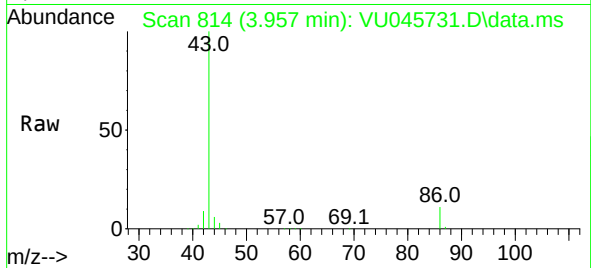
Tgt Ion: 45 Resp: 90803
Ion Ratio Lower Upper
45 100
43 79.8 60.0 90.0
87 29.5 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 102.298 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17

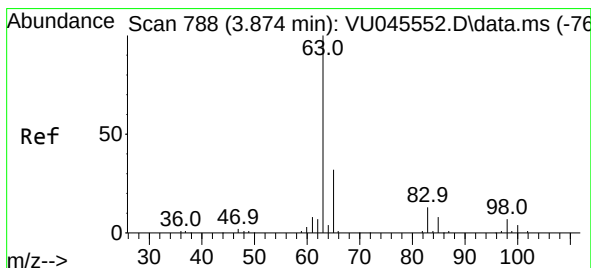
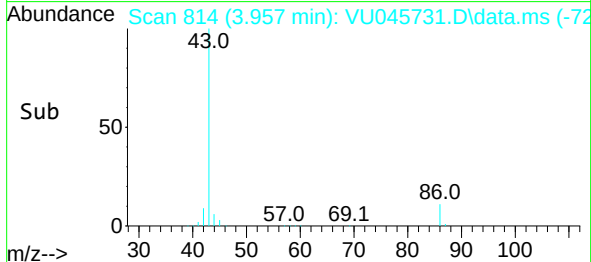
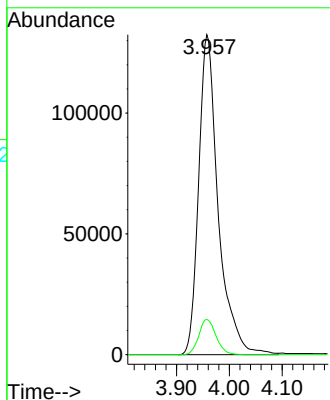
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01



Tgt Ion: 43 Resp: 34023
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

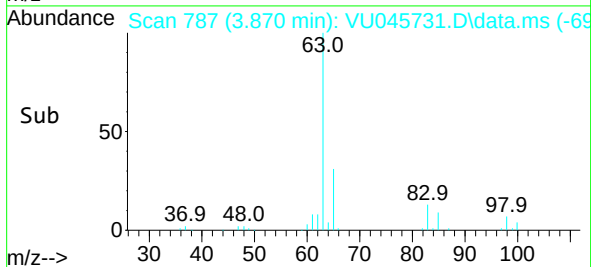
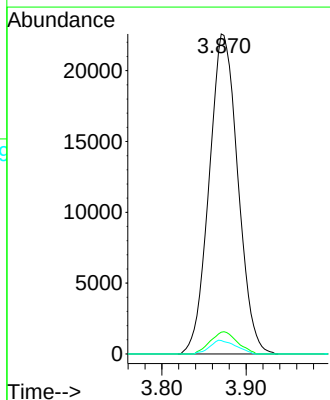
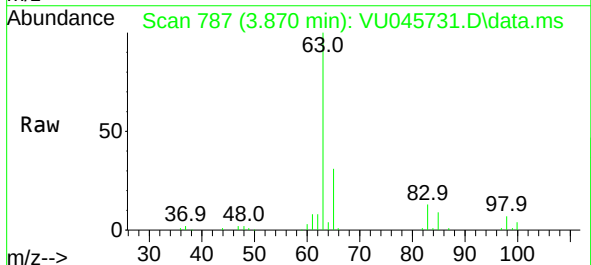
Manual Integrations
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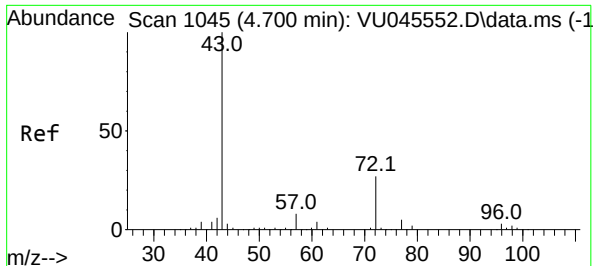
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 20.744 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17

Tgt Ion: 63 Resp: 53455
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 104.699 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 43 Resp: 12411

Ion Ratio Lower Upper

43 100

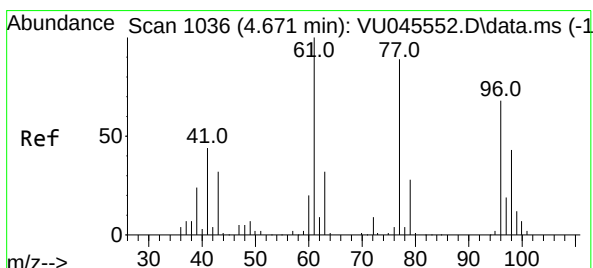
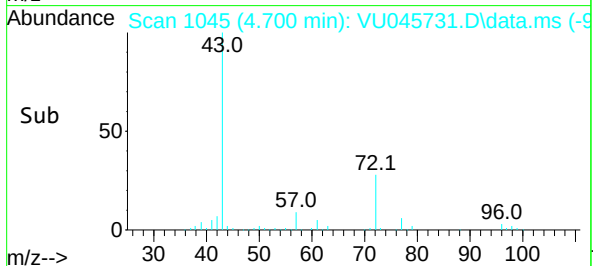
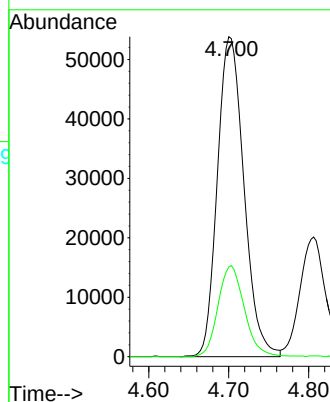
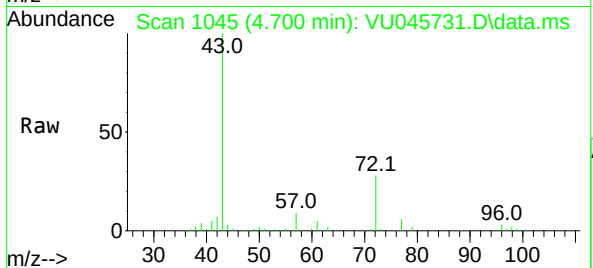
72 28.0 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 20.304 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045731.D

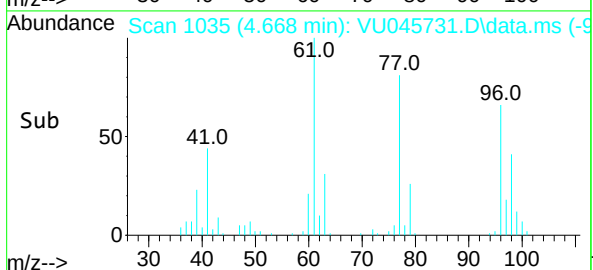
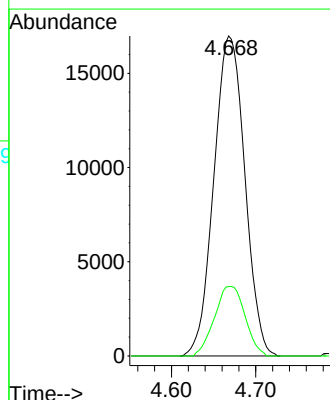
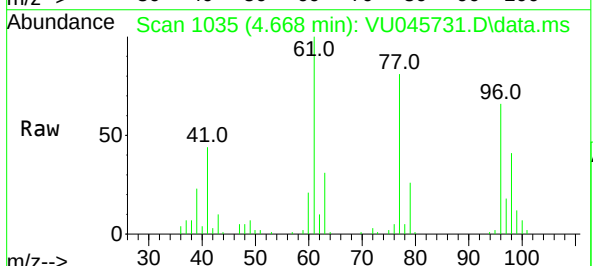
Acq: 11 Nov 2021 12:17

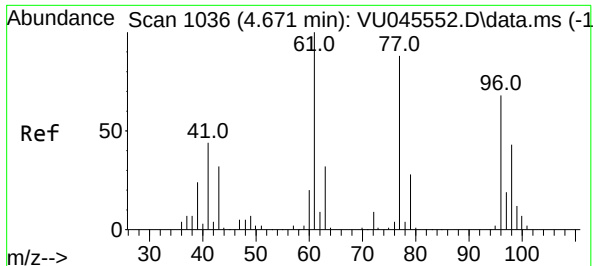
Tgt Ion: 77 Resp: 43356

Ion Ratio Lower Upper

77 100

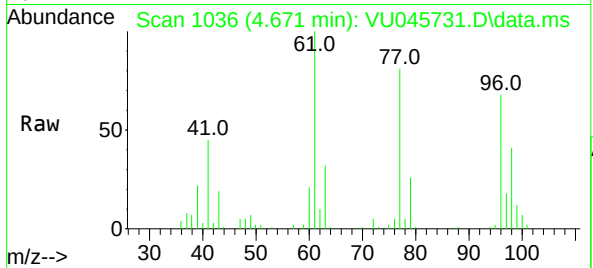
97 21.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.541 ug/l
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17

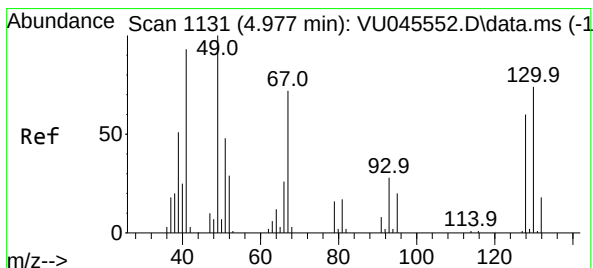
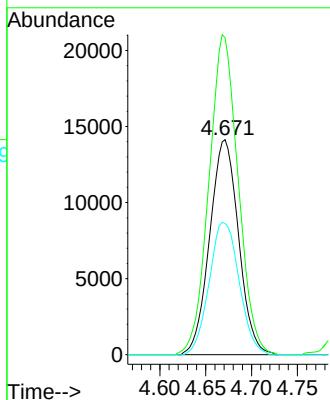
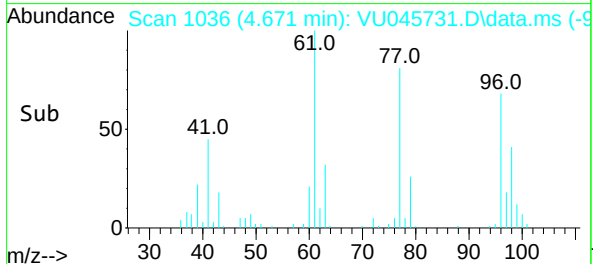
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01



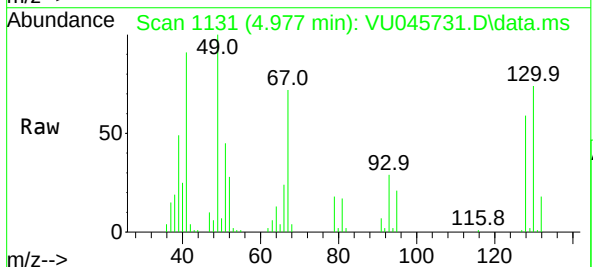
Tgt Ion: 96 Resp: 30958
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 299.2
 98 63.8 0.0 127.6

Manual Integrations
 APPROVED

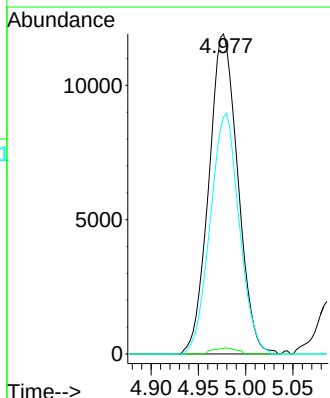
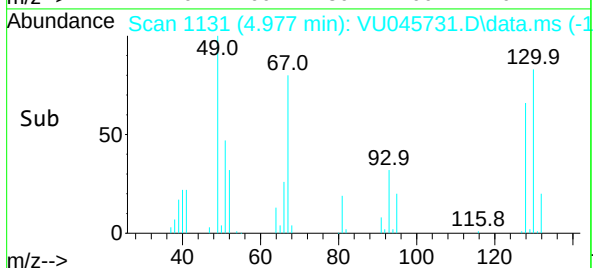
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

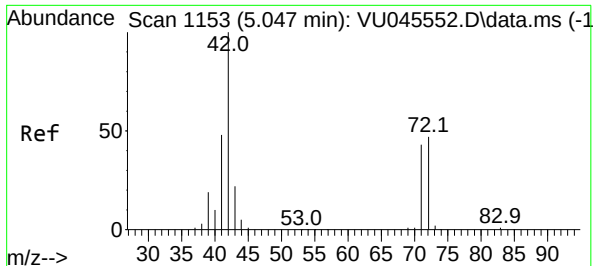


#28
 Bromochloromethane
 Concen: 20.695 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17



Tgt Ion: 49 Resp: 25424
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 75.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 103.738 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

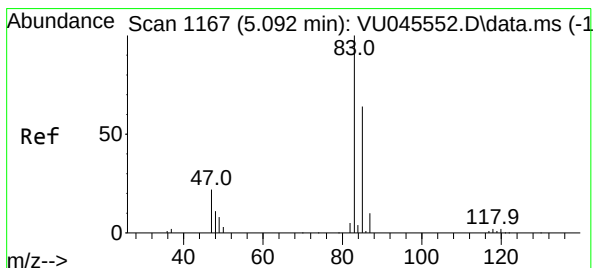
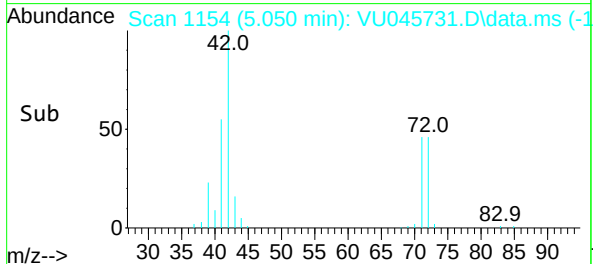
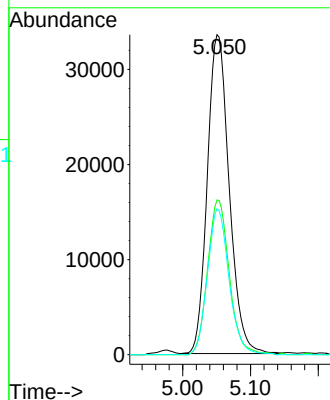
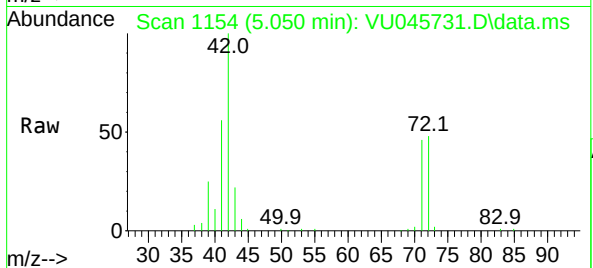
Tgt Ion:	42	Resp:	75220
Ion Ratio	Lower	Upper	
42	100		
72	48.1	38.2	57.4
71	45.1	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 21.194 ug/l

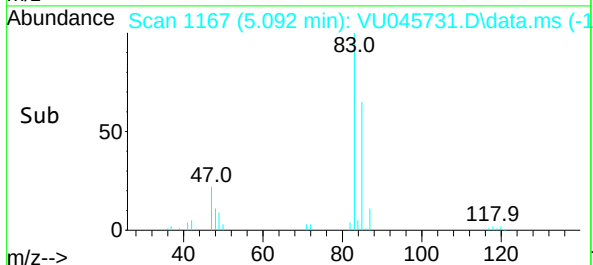
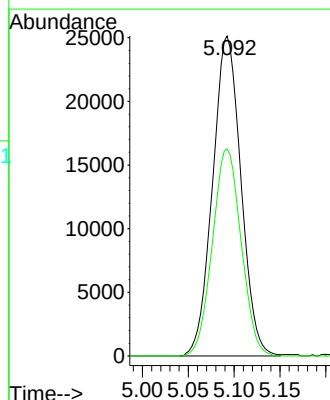
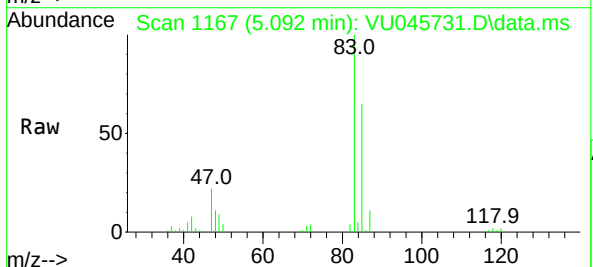
RT: 5.092 min Scan# 1167

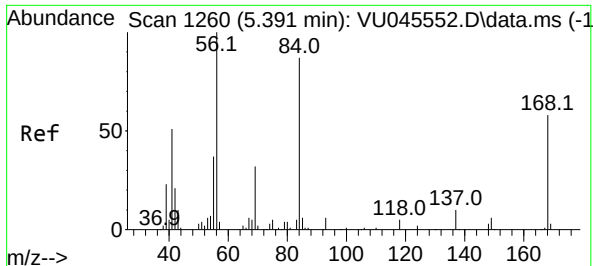
Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion:	83	Resp:	54013
Ion Ratio	Lower	Upper	
83	100		
85	64.7	52.0	78.0





#31

Cyclohexane

Concen: 19.326 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 56 Resp: 47344

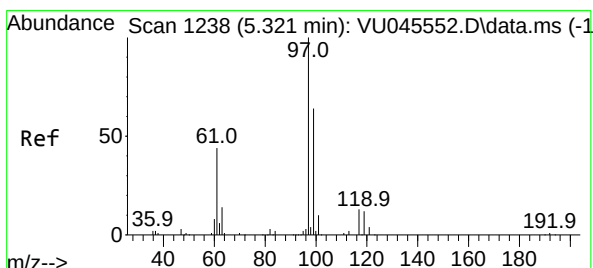
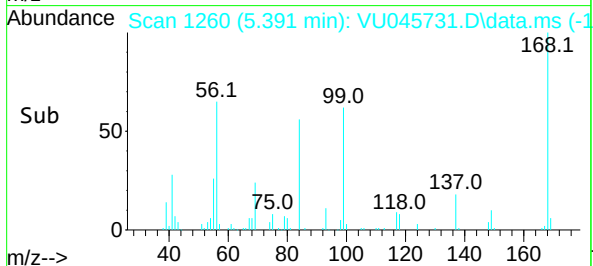
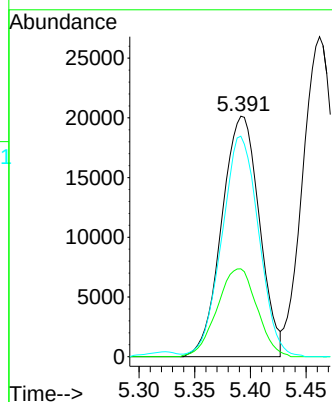
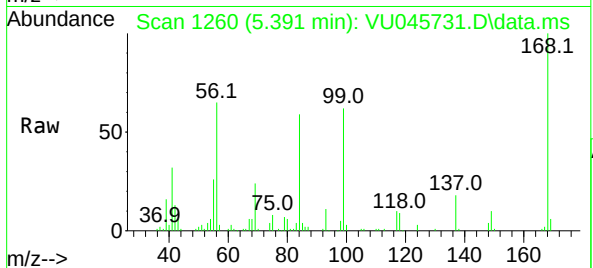
Ion	Ratio	Lower	Upper
56	100		
69	36.6	26.4	39.6
84	90.7	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 20.812 ug/l

RT: 5.321 min Scan# 1238

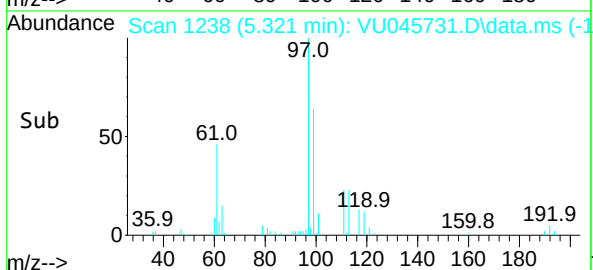
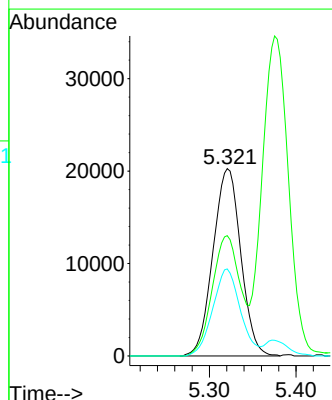
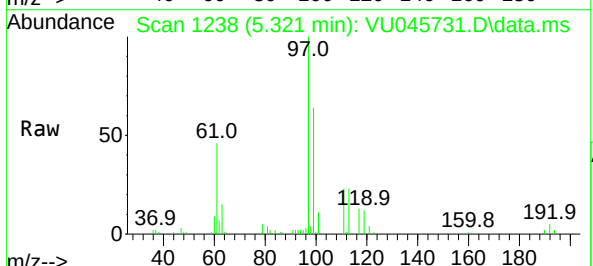
Delta R.T. -0.000 min

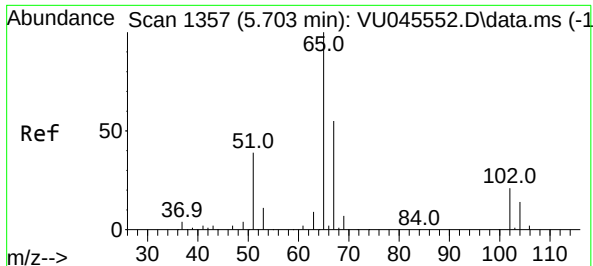
Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion: 97 Resp: 45232

Ion	Ratio	Lower	Upper
97	100		
99	65.6	50.8	76.2
61	46.2	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 52.854 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 65 Resp: 8874

Ion Ratio Lower Upper

65 100

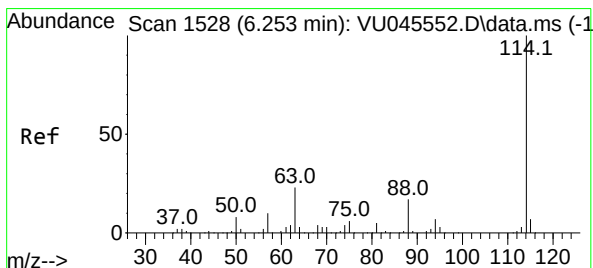
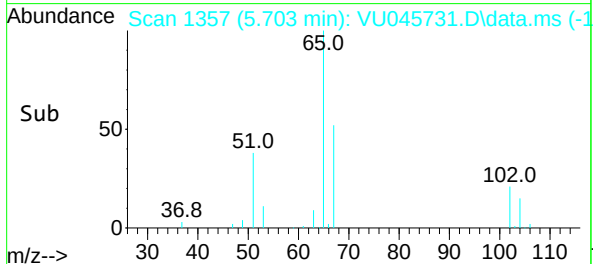
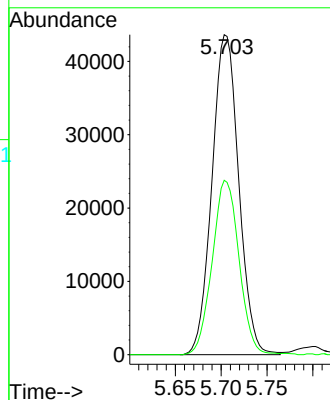
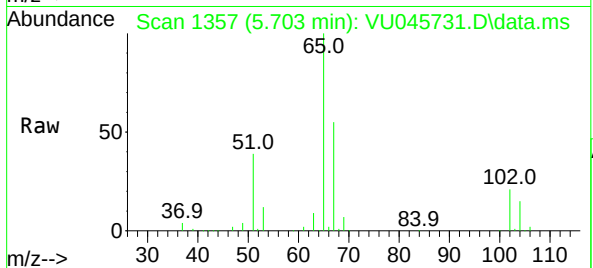
67 54.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

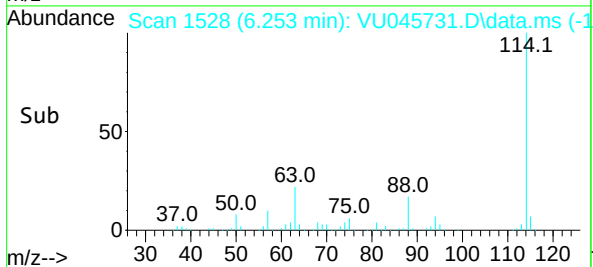
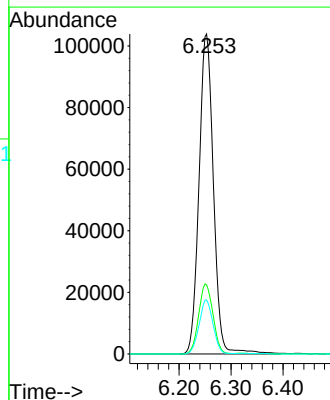
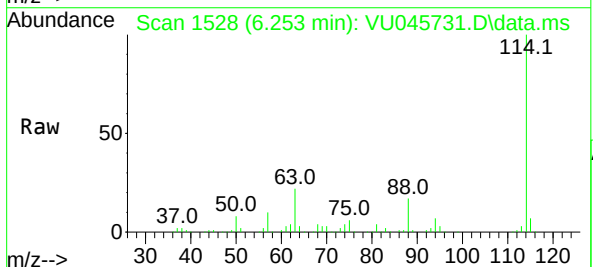
Tgt Ion:114 Resp: 200424

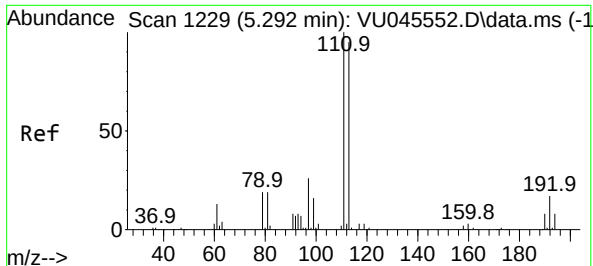
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

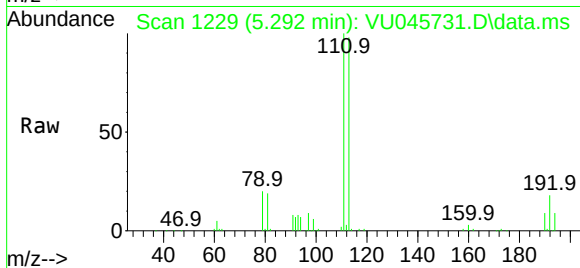
88 16.9 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.580 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

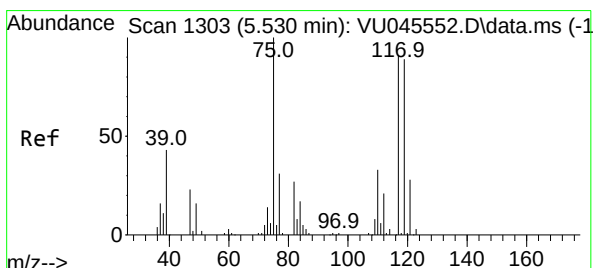
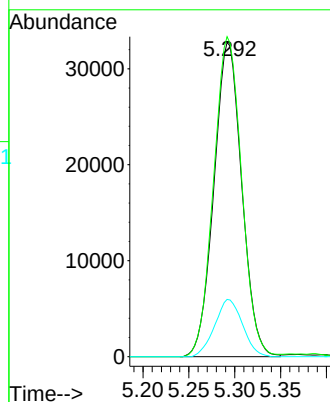
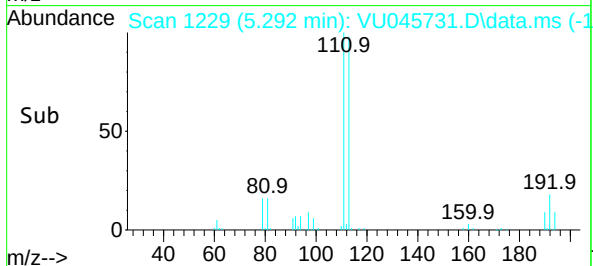
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



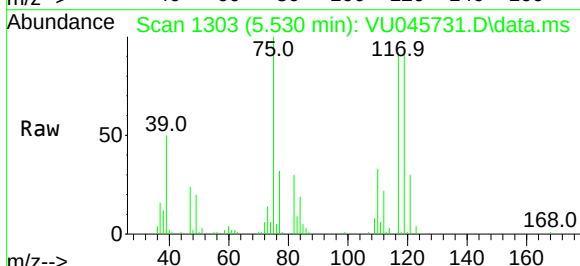
Tgt Ion: 113 Resp: 6902
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 18.2 14.8 22.2

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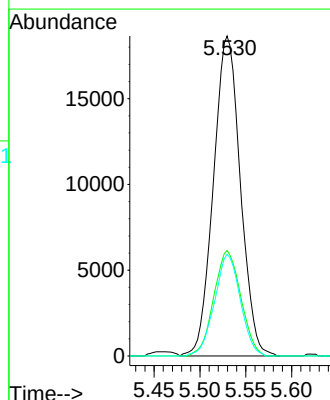
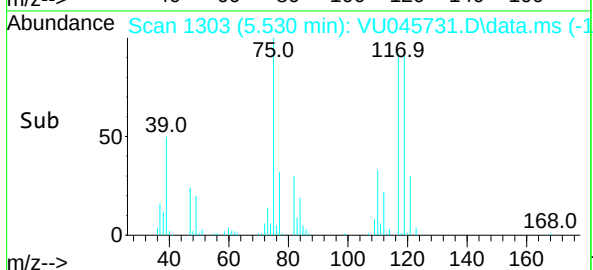
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

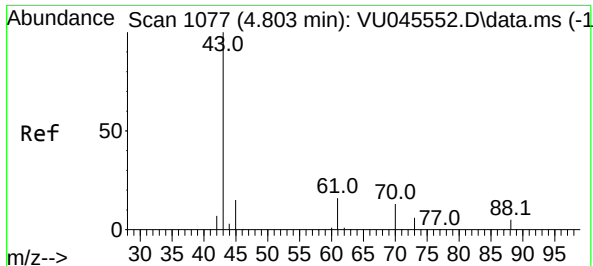


#36
1,1-Dichloropropene
Concen: 19.464 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



Tgt Ion: 75 Resp: 38039
Ion Ratio Lower Upper
75 100
110 33.0 16.7 50.0
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 20.141 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

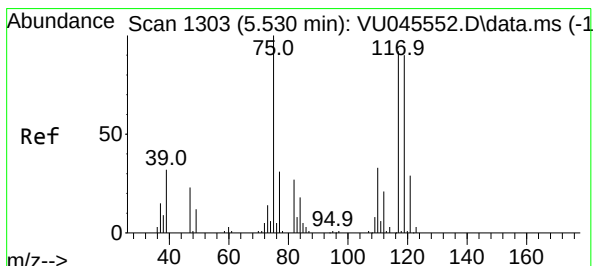
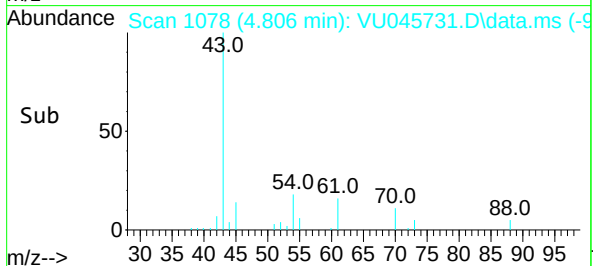
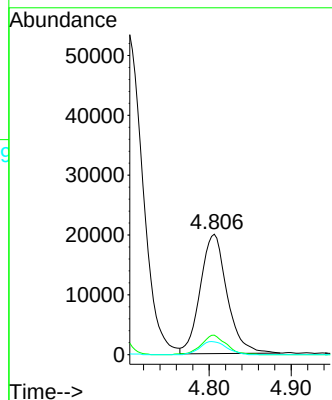
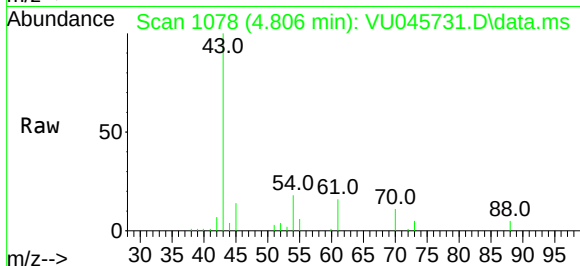
Tgt Ion: 43	Resp: 4521
Ion Ratio	Lower Upper
43	100
61	15.4 11.6 17.4
70	10.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Carbon Tetrachloride

Concen: 19.566 ug/l

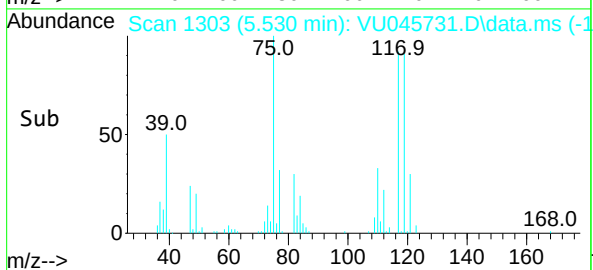
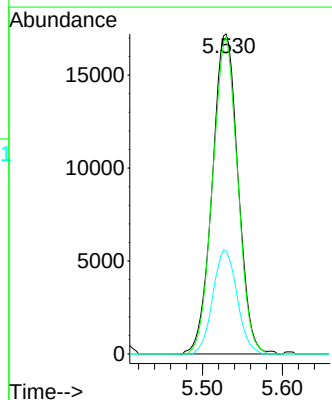
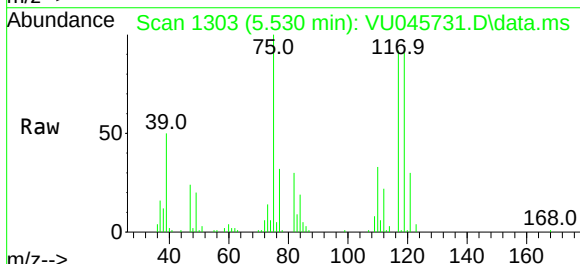
RT: 5.530 min Scan# 1303

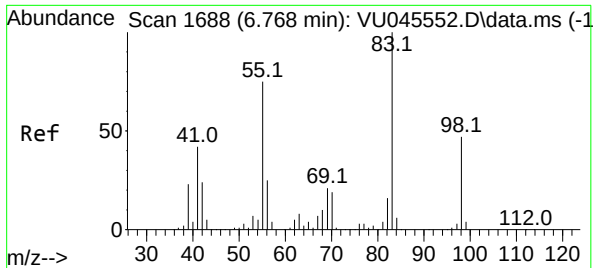
Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion: 117	Resp: 38549
Ion Ratio	Lower Upper
117	100
119	99.1 77.4 116.0
121	32.2 24.8 37.2





#39

Methylcyclohexane

Concen: 18.692 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 83 Resp: 4481

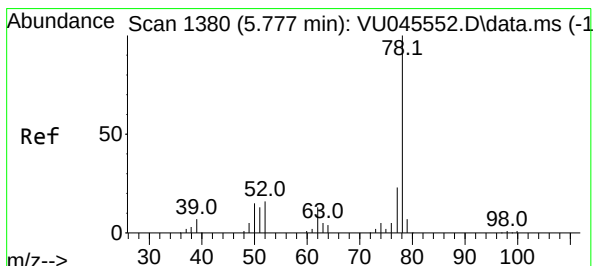
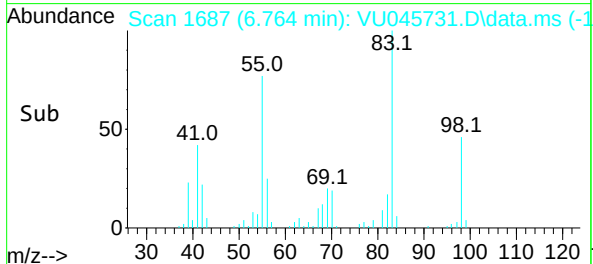
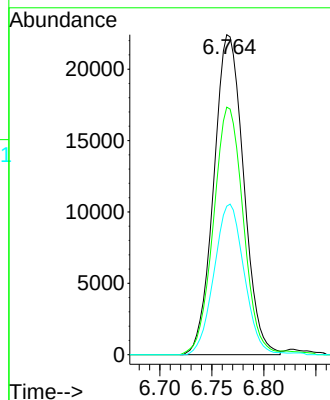
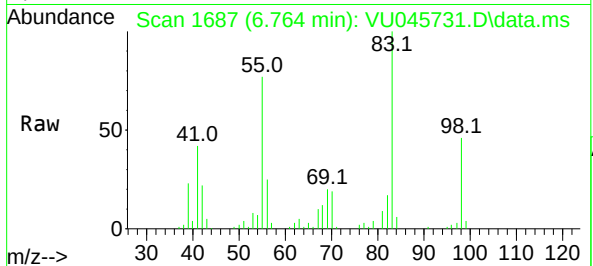
Ion	Ratio	Lower	Upper
83	100		
55	77.3	63.6	95.4
98	46.4	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 19.701 ug/l

RT: 5.777 min Scan# 1380

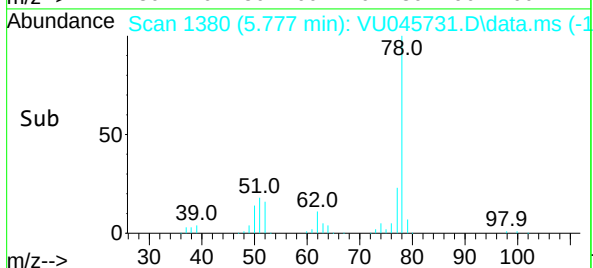
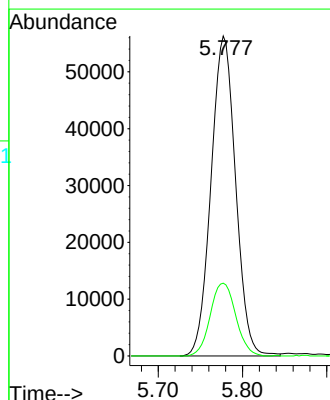
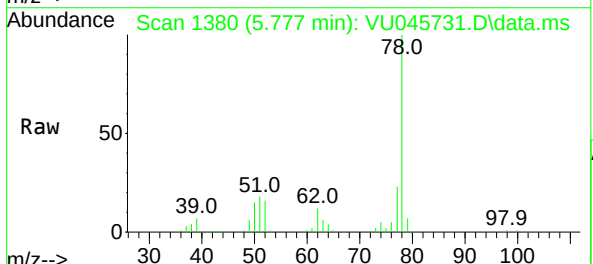
Delta R.T. -0.000 min

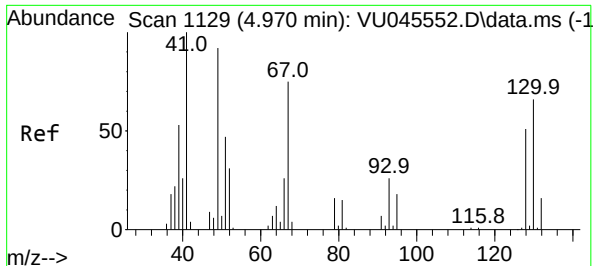
Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion: 78 Resp: 113987

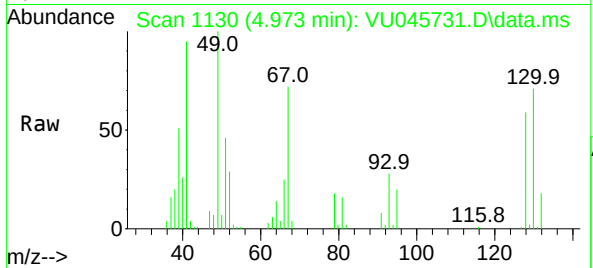
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4





#41
Methacrylonitrile
Concen: 20.796 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

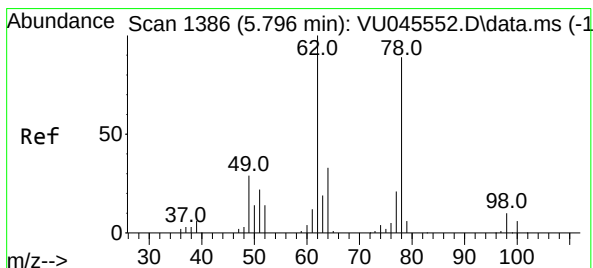
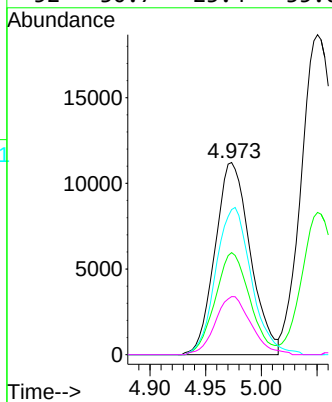
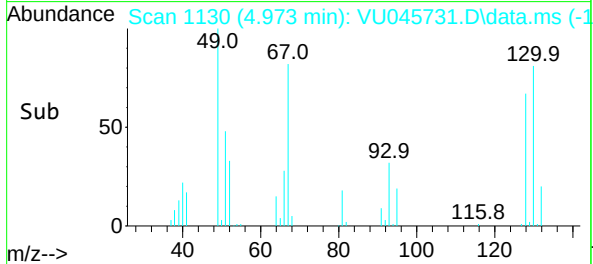
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



Tgt Ion: 41 Resp: 2467
Ion Ratio Lower Upper
41 100
39 52.6 43.4 65.0
67 77.4 61.0 91.4
52 30.7 23.4 35.0

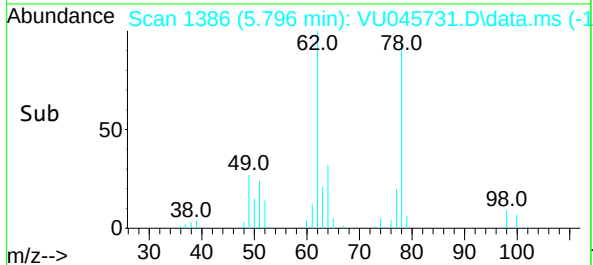
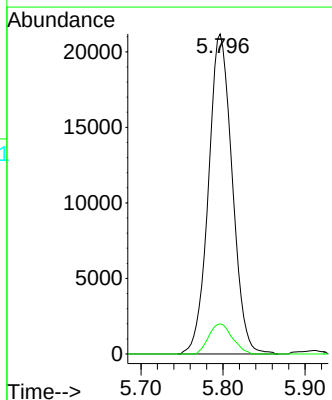
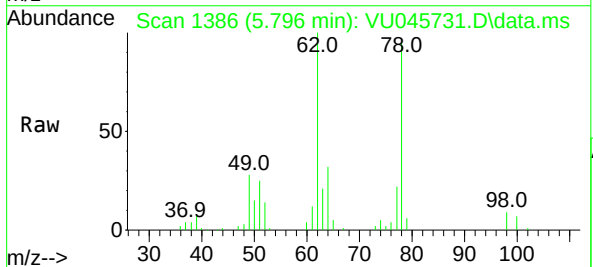
Manual Integrations
APPROVED

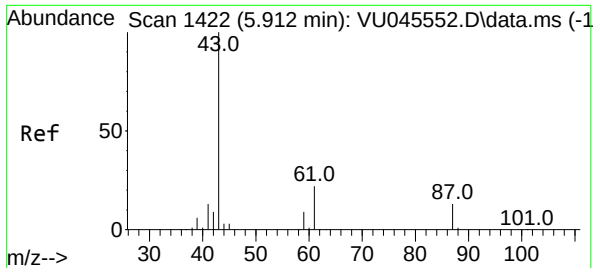
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 20.410 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

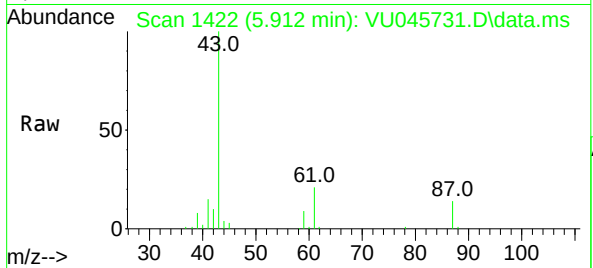
Tgt Ion: 62 Resp: 42655
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43
Isopropyl Acetate
Concen: 19.473 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

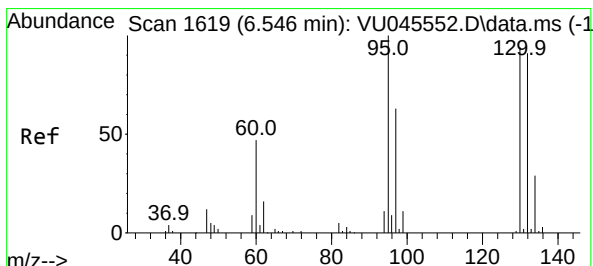
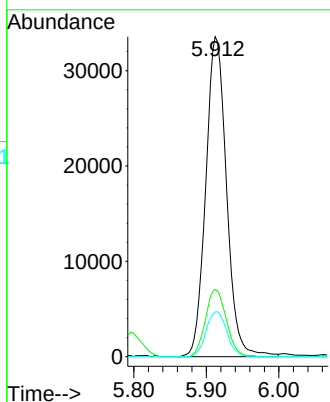
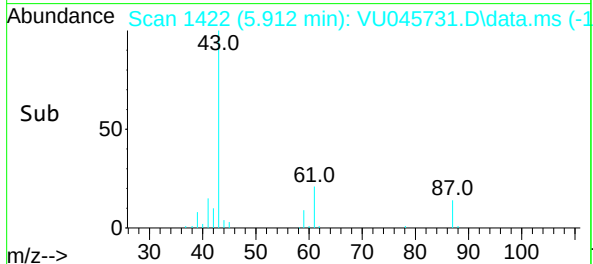
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



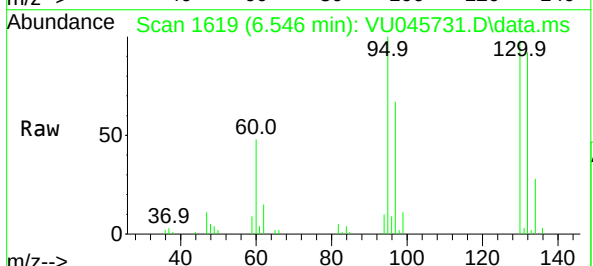
Tgt Ion: 43 Resp: 6686
Ion Ratio Lower Upper
43 100
61 21.1 16.9 25.3
87 14.0 11.0 16.4

Manual Integrations
APPROVED

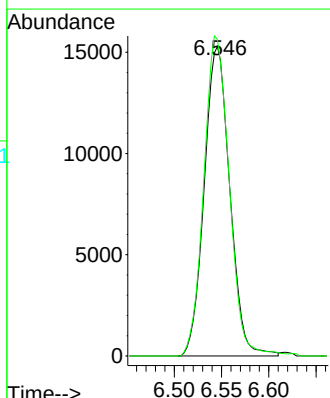
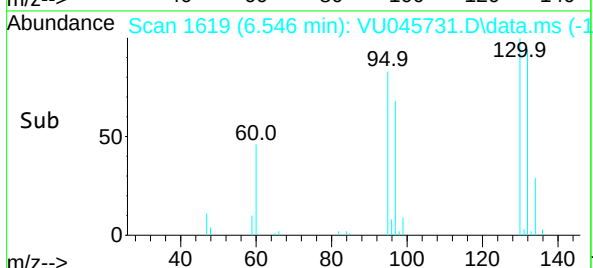
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

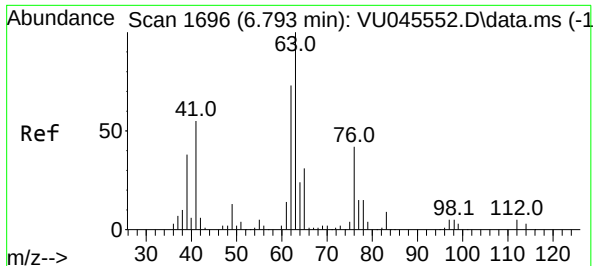


#44
Trichloroethene
Concen: 20.759 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



Tgt Ion:130 Resp: 28750
Ion Ratio Lower Upper
130 100
95 102.2 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.712 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 63 Resp: 31710

Ion Ratio Lower Upper

63 100

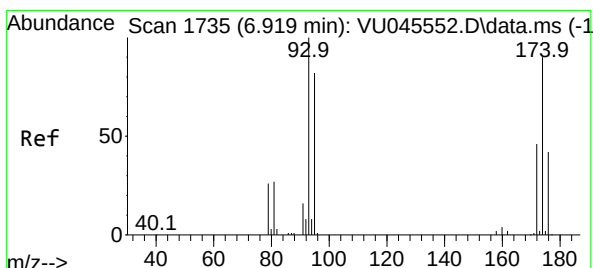
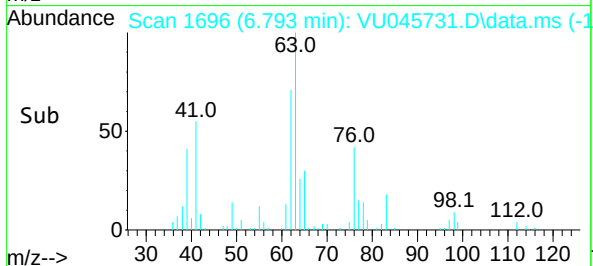
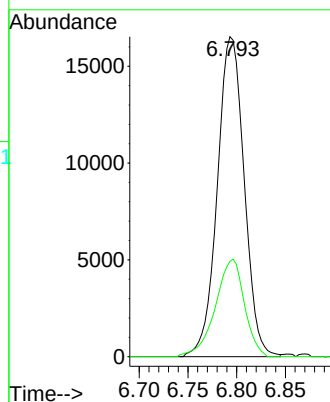
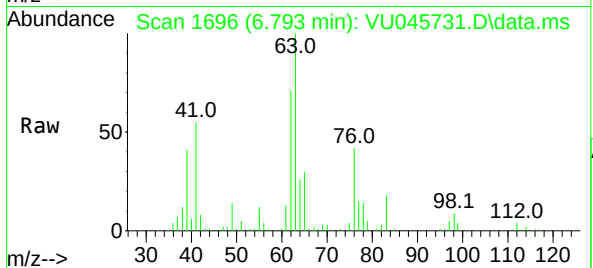
65 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 20.376 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

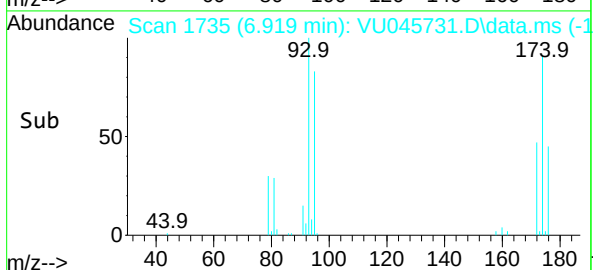
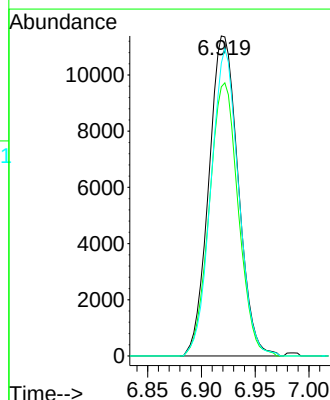
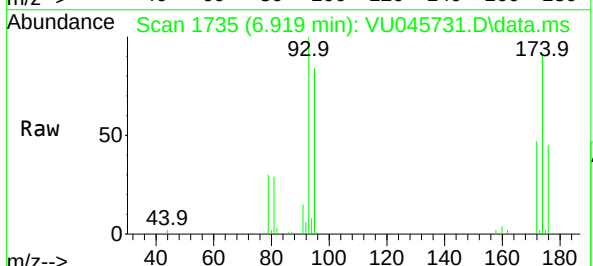
Tgt Ion: 93 Resp: 21615

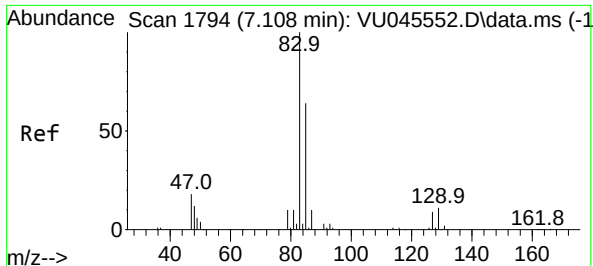
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 90.4 71.0 106.6





#47

Bromodichloromethane

Concen: 20.786 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

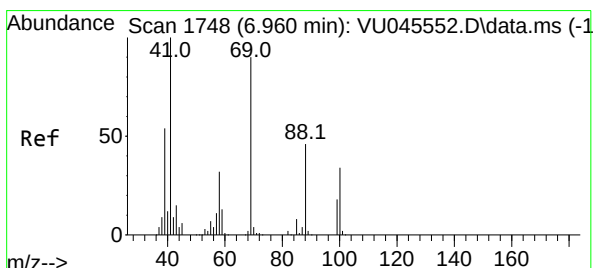
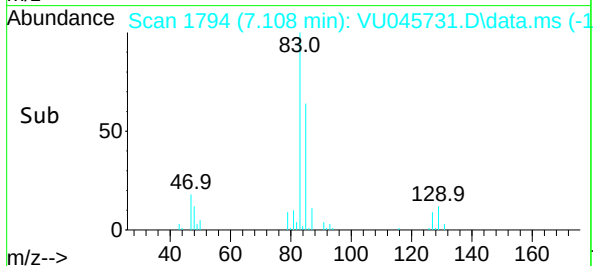
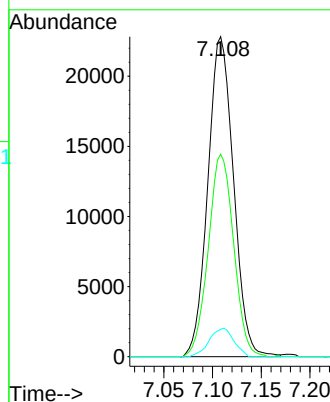
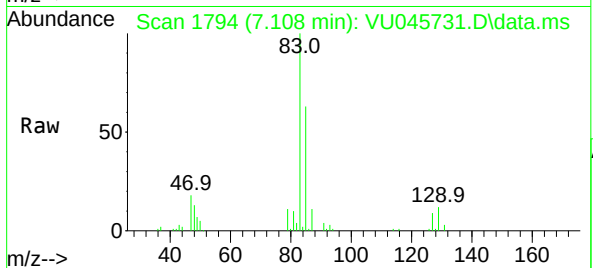
Tgt Ion:	83	Resp:	4183
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.8	74.6
127	8.6	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Methyl methacrylate

Concen: 19.622 ug/l

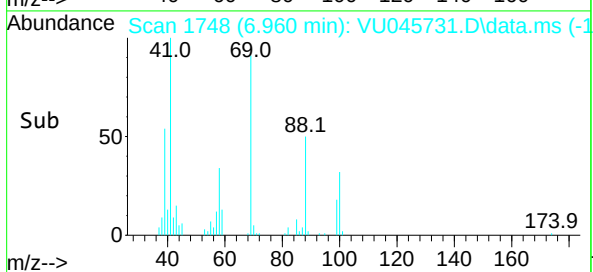
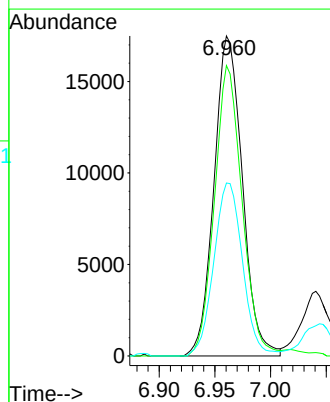
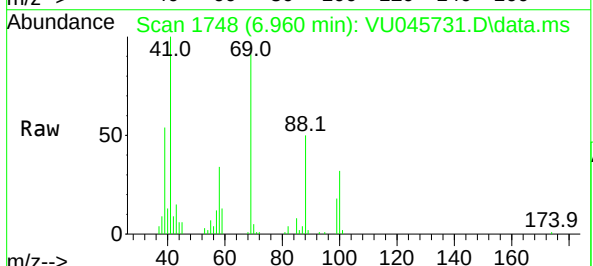
RT: 6.960 min Scan# 1748

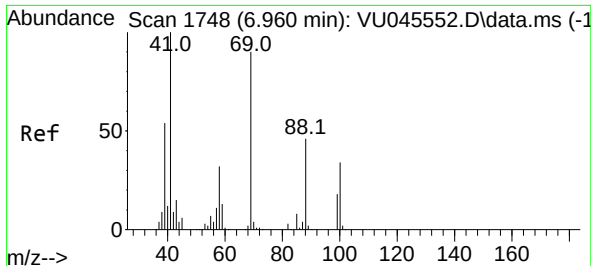
Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion:	41	Resp:	31011
Ion Ratio	Lower	Upper	
41	100		
69	88.2	70.2	105.2
39	54.6	43.9	65.9





#49

1,4-Dioxane

Concen: 417.464 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

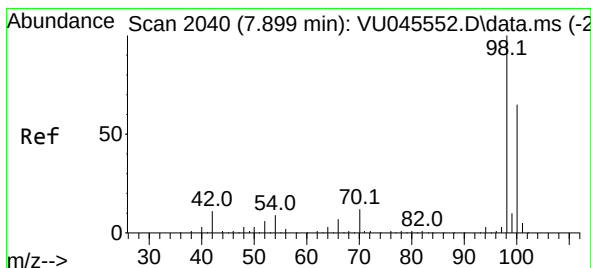
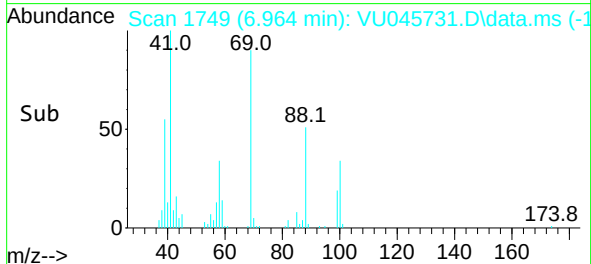
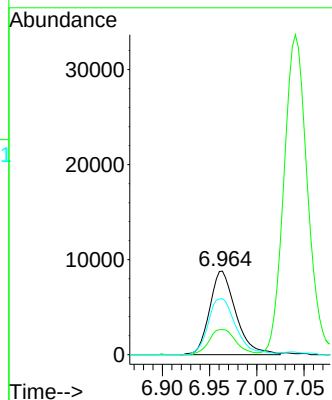
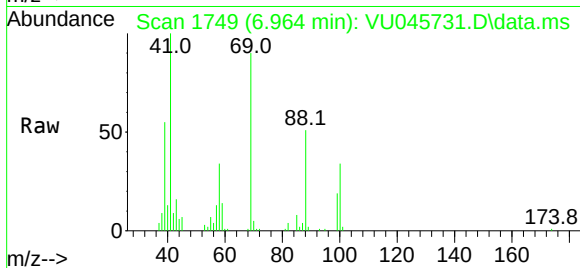
Tgt Ion: 88 Resp: 1696
 Ion Ratio Lower Upper
 88 100
 43 30.8 0.0 0.0
 58 70.7 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 51.350 ug/l

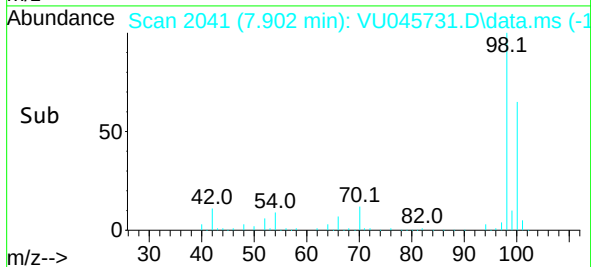
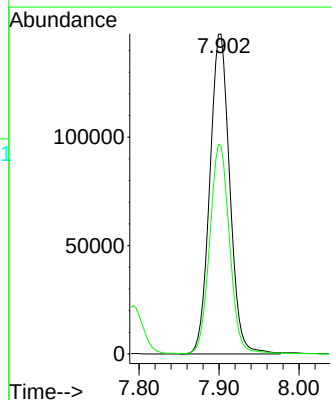
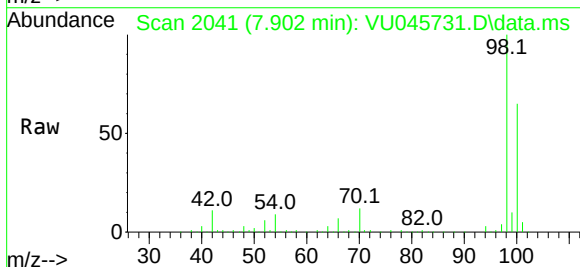
RT: 7.902 min Scan# 2041

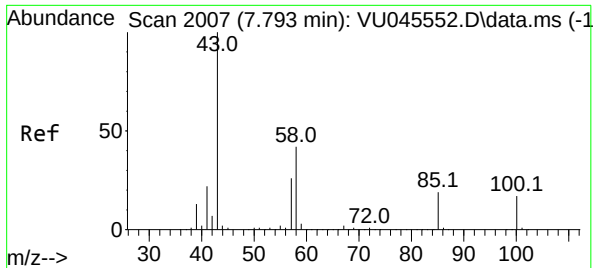
Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion: 98 Resp: 255506
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 102.004 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 43 Resp: 23104

Ion Ratio Lower Upper

43 100

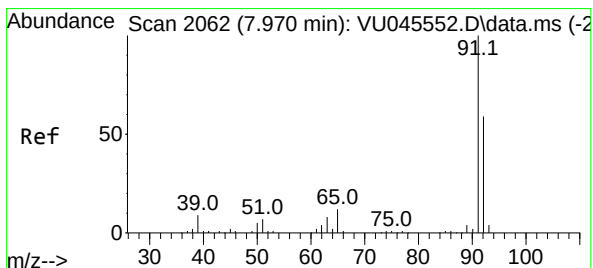
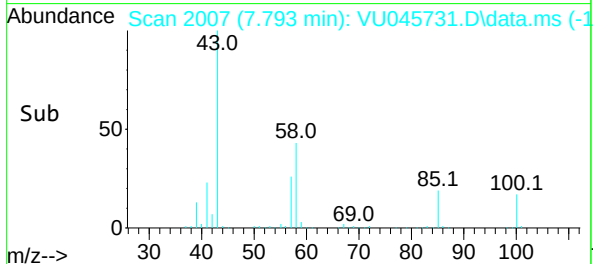
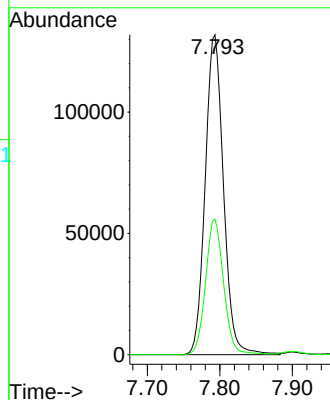
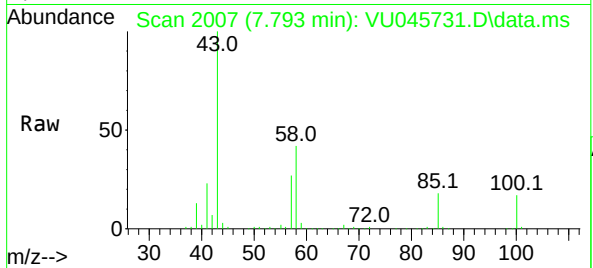
58 41.9 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#52

Toluene

Concen: 20.561 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045731.D

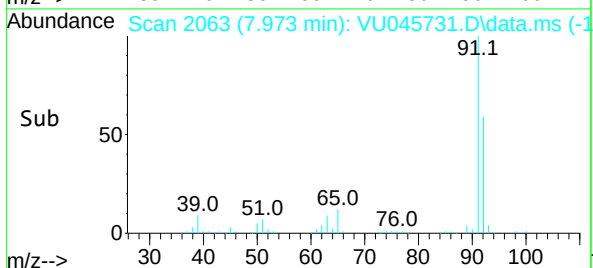
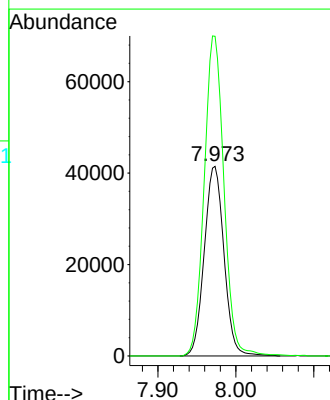
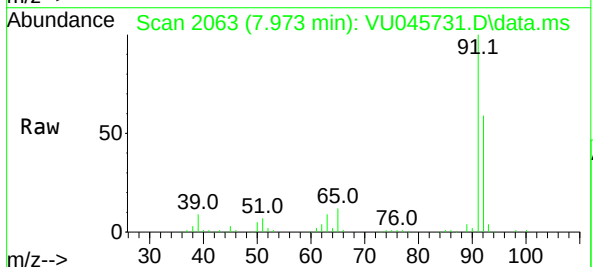
Acq: 11 Nov 2021 12:17

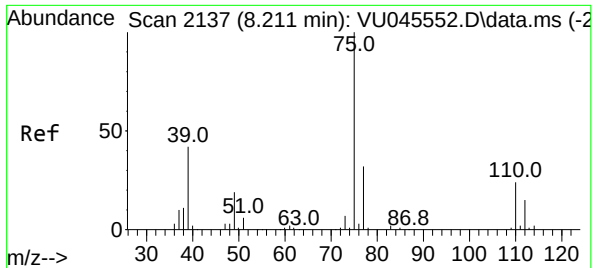
Tgt Ion: 92 Resp: 72832

Ion Ratio Lower Upper

92 100

91 169.3 135.6 203.4





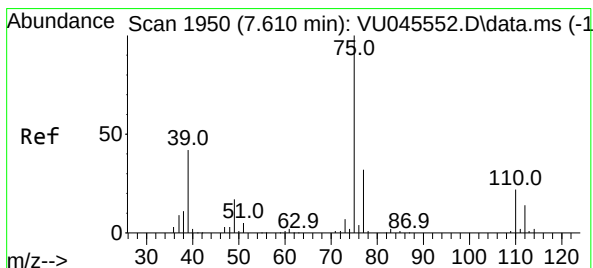
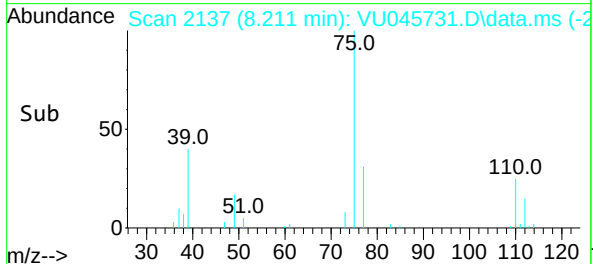
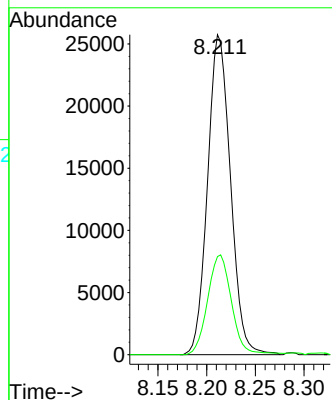
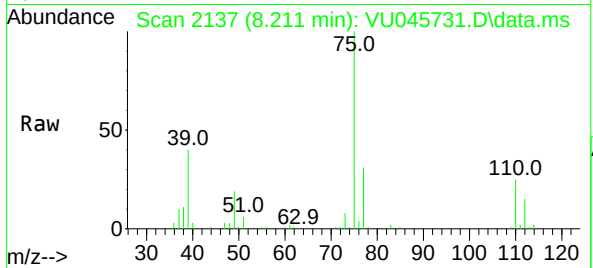
#53
t-1,3-Dichloropropene
Concen: 18.209 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

Tgt Ion: 75 Resp: 4212
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8

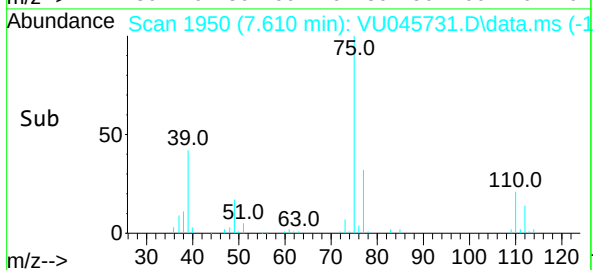
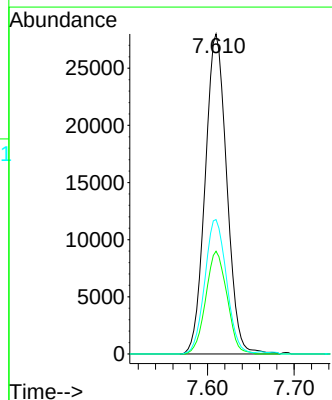
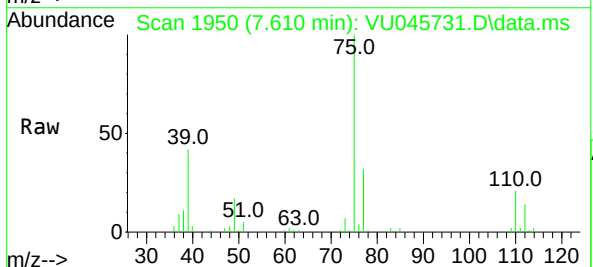
Manual Integrations
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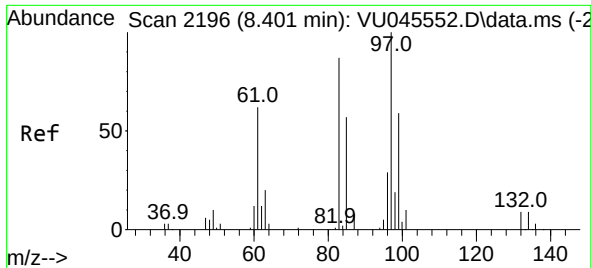
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 19.754 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

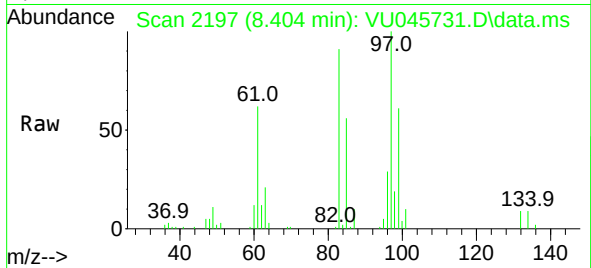
Tgt Ion: 75 Resp: 48536
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0
39 42.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.830 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

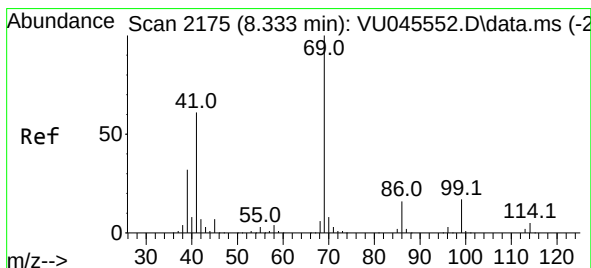
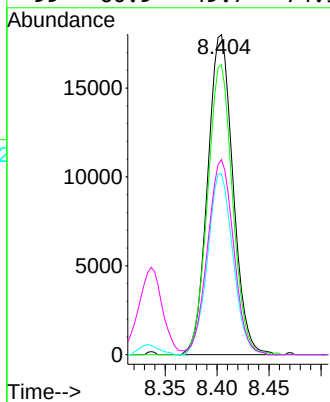
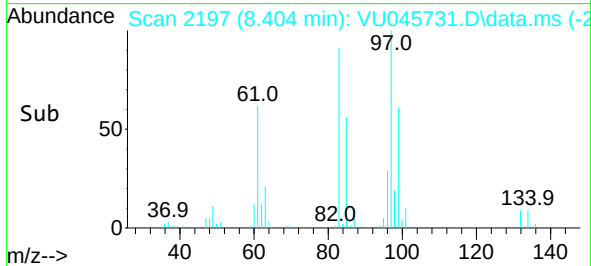
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



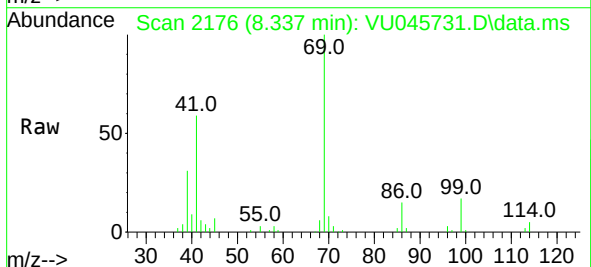
Tgt Ion: 97 Resp: 3058
Ion Ratio Lower Upper
97 100
83 90.6 70.3 105.5
85 56.5 45.5 68.3
99 60.9 49.7 74.5

Manual Integrations
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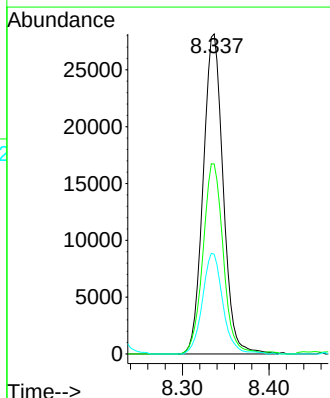
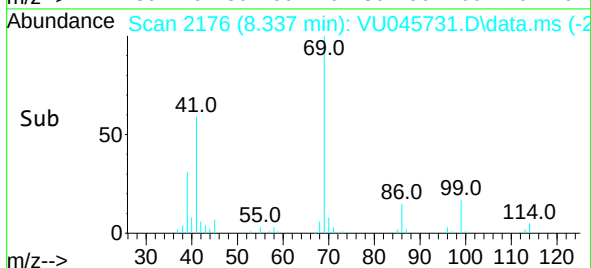
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

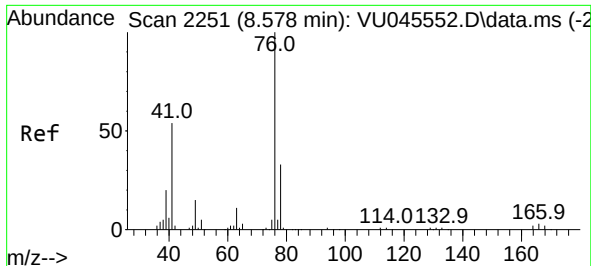


#56
Ethyl methacrylate
Concen: 18.731 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



Tgt Ion: 69 Resp: 45128
Ion Ratio Lower Upper
69 100
41 60.5 51.0 76.4
39 32.2 26.6 39.8





#57

1,3-Dichloropropane

Concen: 20.177 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 76 Resp: 5335

Ion Ratio Lower Upper

76 100

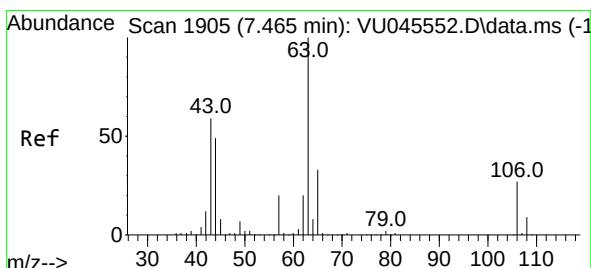
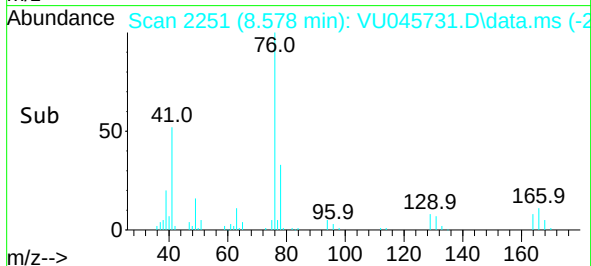
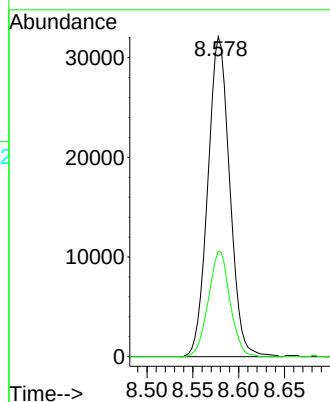
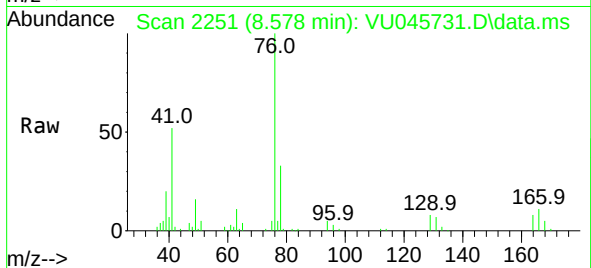
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 72.851 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045731.D

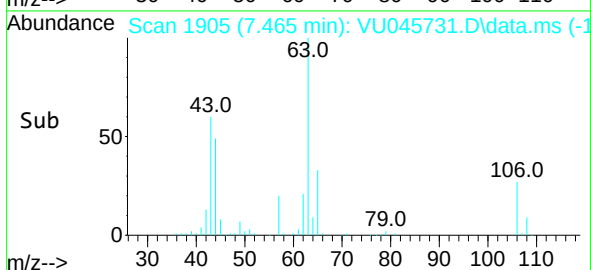
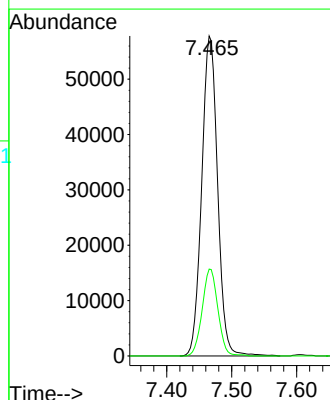
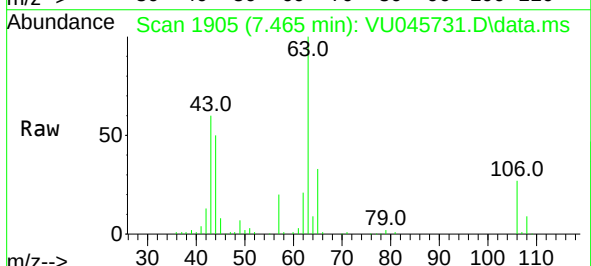
Acq: 11 Nov 2021 12:17

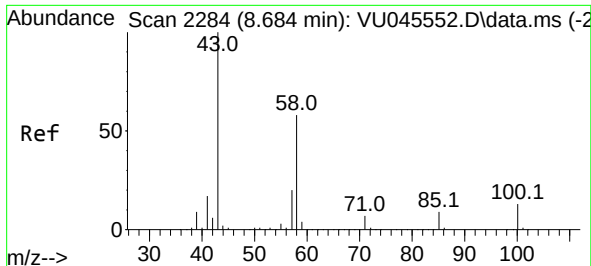
Tgt Ion: 63 Resp: 98464

Ion Ratio Lower Upper

63 100

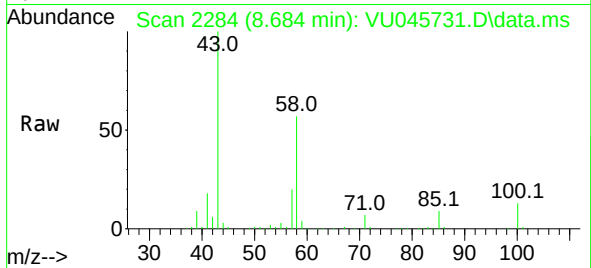
106 26.8 21.0 31.4





#59
2-Hexanone
Concen: 92.631 ug/l
RT: 8.684 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

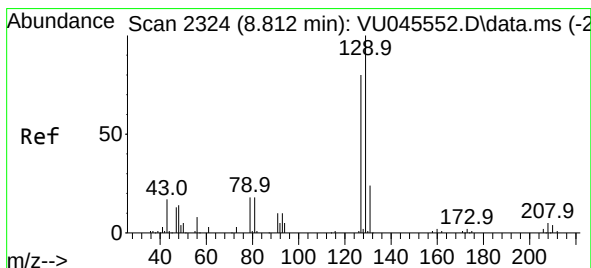
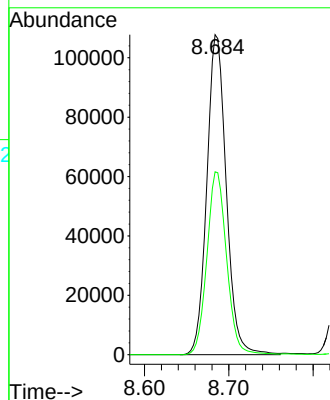
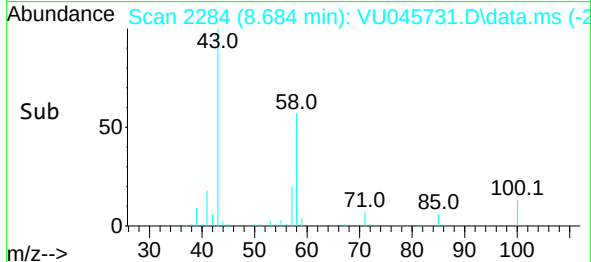
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



Tgt Ion: 43 Resp: 172928
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.6

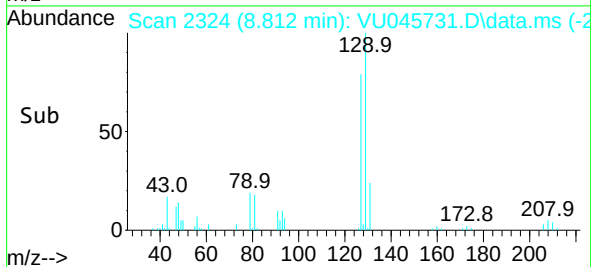
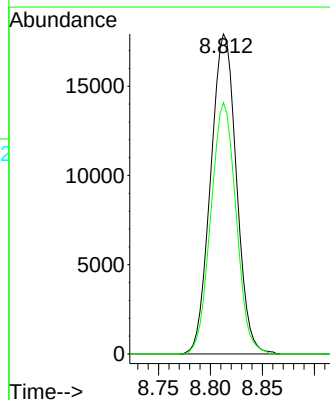
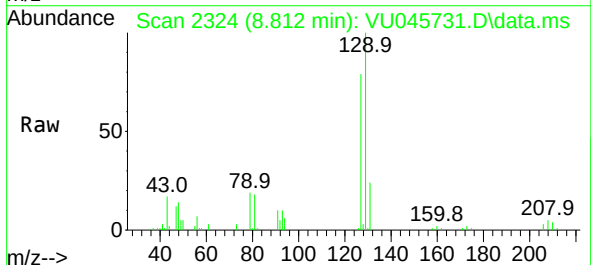
Manual Integrations
APPROVED

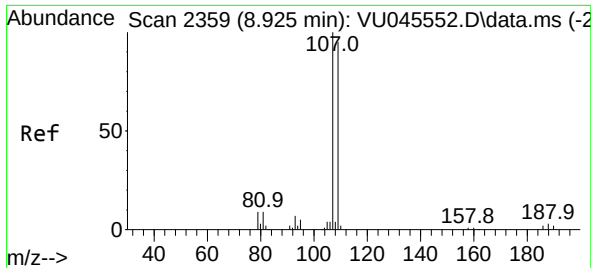
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 20.236 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

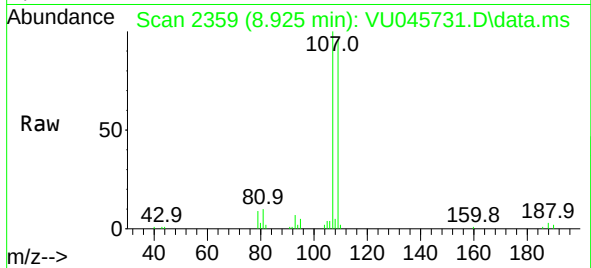
Tgt Ion:129 Resp: 30935
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 19.944 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

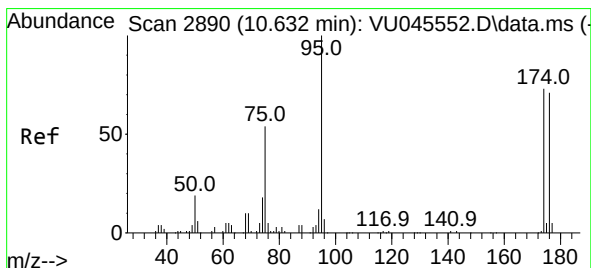
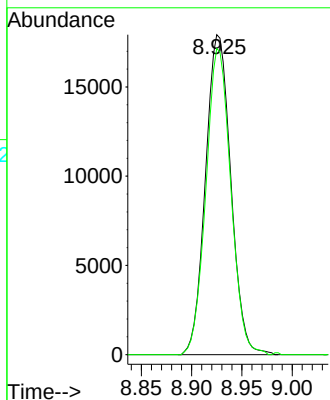
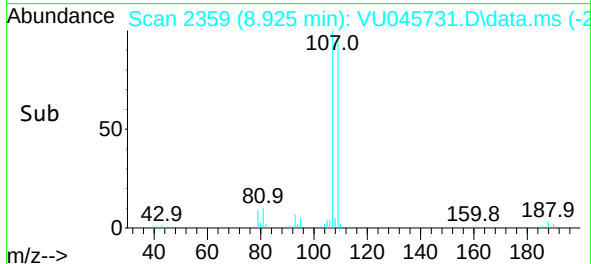
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



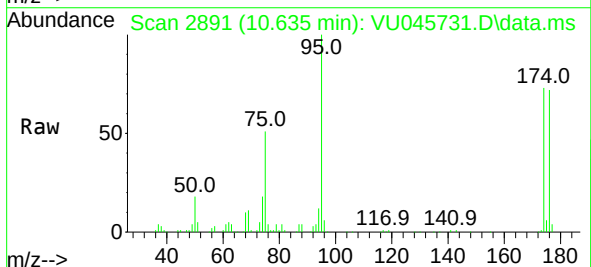
Tgt Ion:107 Resp: 3140
Ion Ratio Lower Upper
107 100
109 94.1 75.8 113.8

Manual Integrations
APPROVED

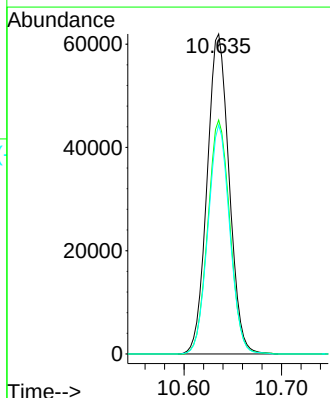
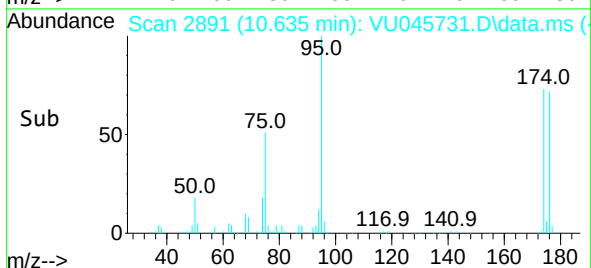
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

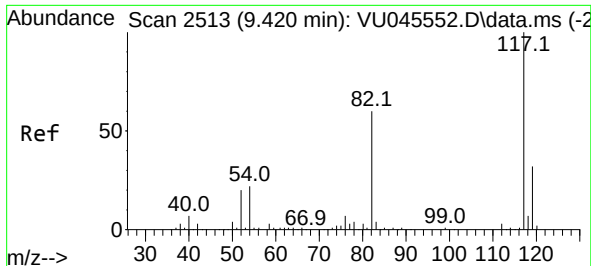


#62
4-Bromofluorobenzene
Concen: 48.798 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



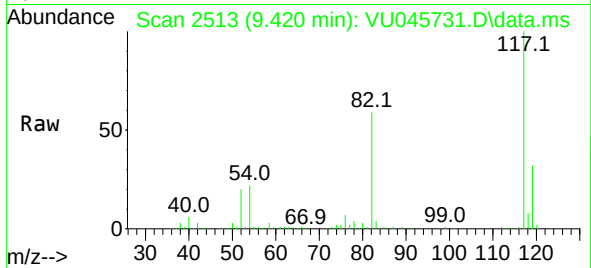
Tgt Ion: 95 Resp: 97366
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 70.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

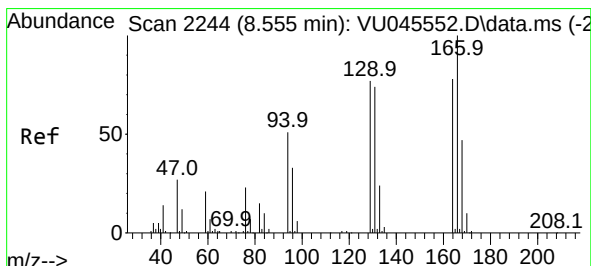
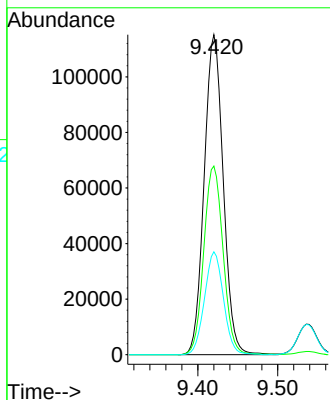
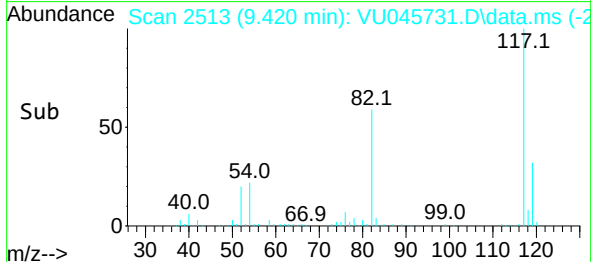
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



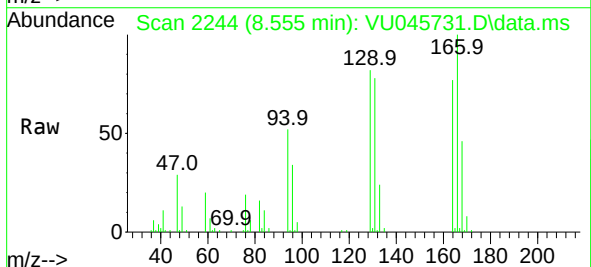
Tgt Ion:117 Resp: 191570
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 32.1 25.8 38.8

Manual Integrations
APPROVED

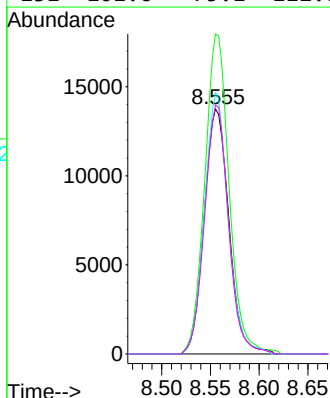
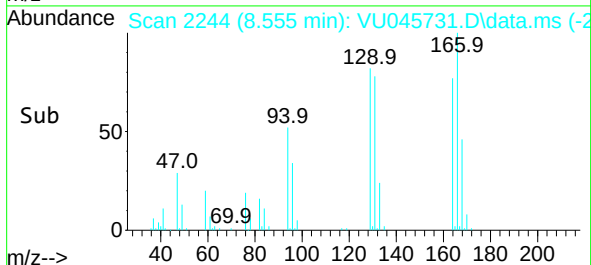
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

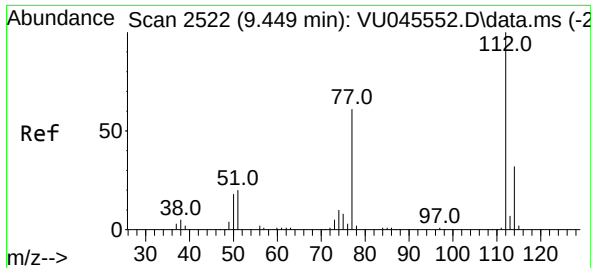


#64
Tetrachloroethene
Concen: 22.190 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



Tgt Ion:164 Resp: 24399
Ion Ratio Lower Upper
164 100
166 130.6 102.2 153.4
129 106.6 78.2 117.4
131 101.6 75.1 112.7





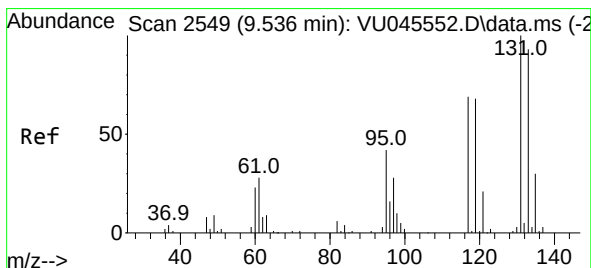
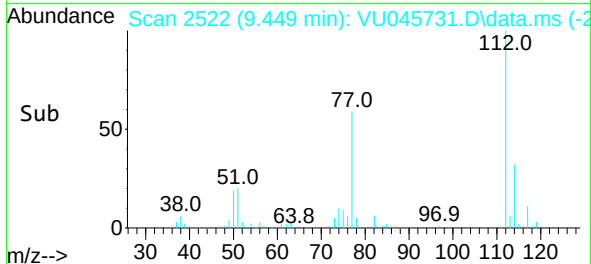
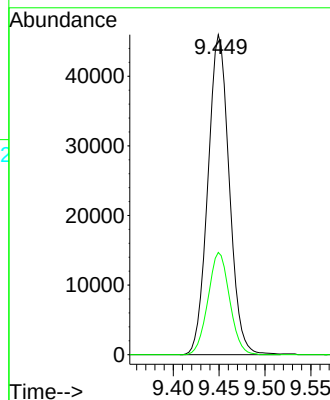
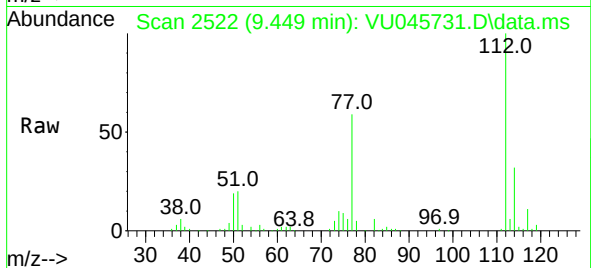
#65
Chlorobenzene
Concen: 19.790 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

Tgt Ion:112 Resp: 7446
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

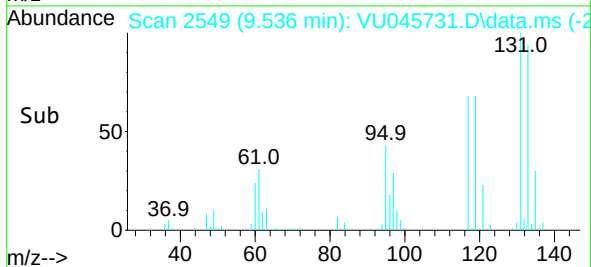
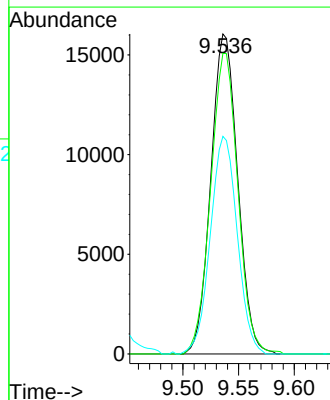
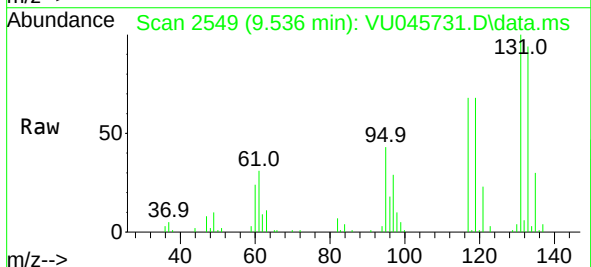
Manual Integrations
APPROVED

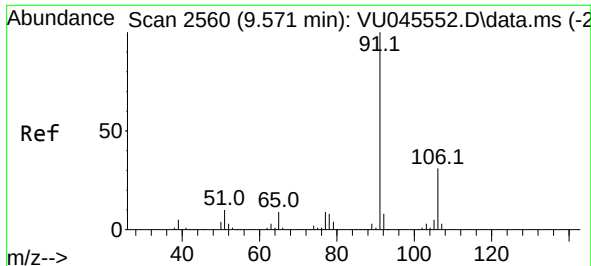
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.052 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Tgt Ion:131 Resp: 26911
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 68.1 34.5 103.6





#67

Ethyl Benzene

Concen: 19.644 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 91 Resp: 132378

Ion Ratio Lower Upper

91 100

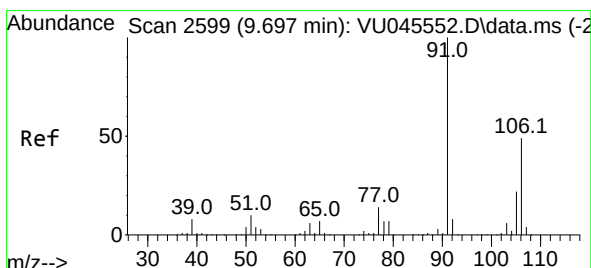
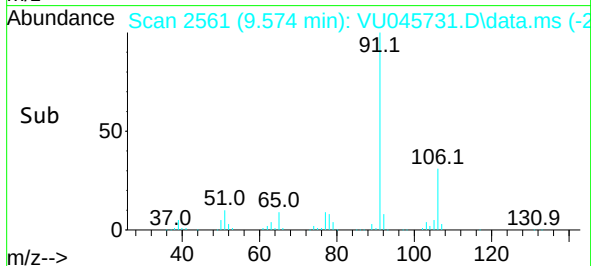
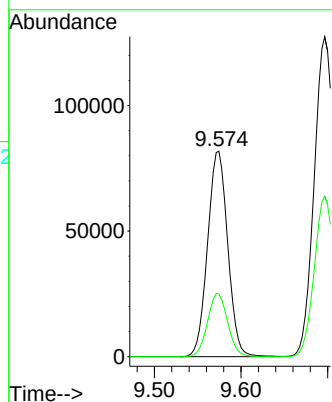
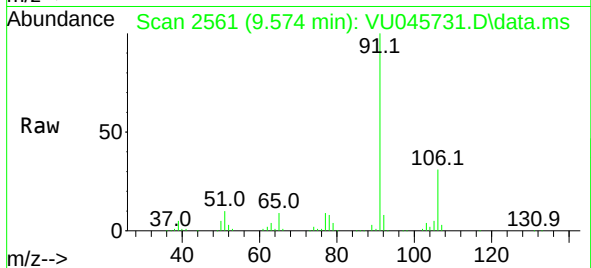
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

m/p-Xylenes

Concen: 41.324 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045731.D

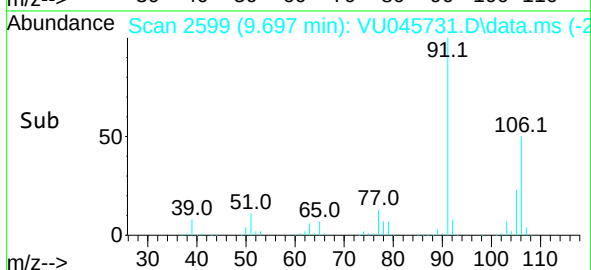
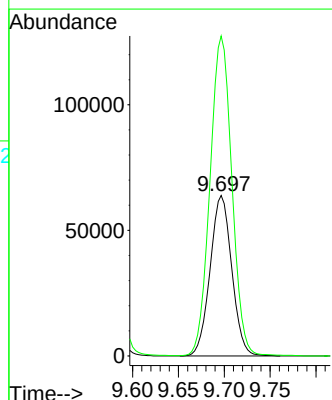
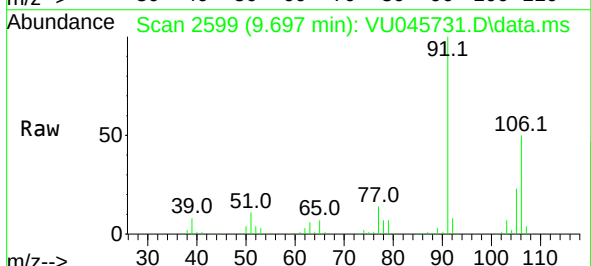
Acq: 11 Nov 2021 12:17

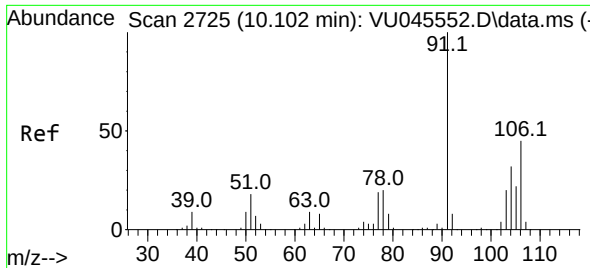
Tgt Ion:106 Resp: 105021

Ion Ratio Lower Upper

106 100

91 201.9 164.7 247.1





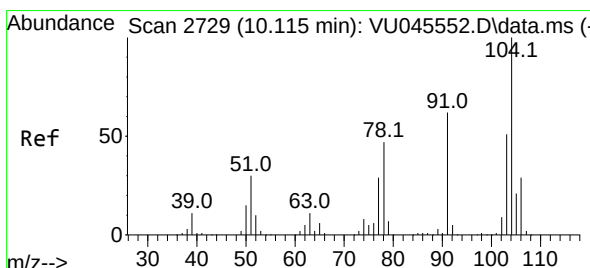
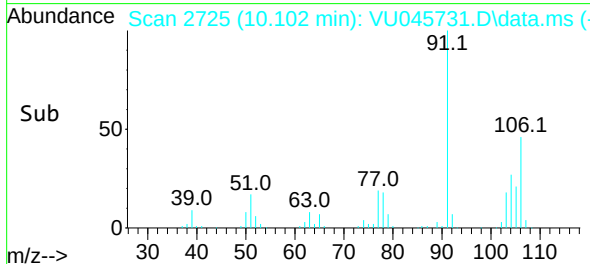
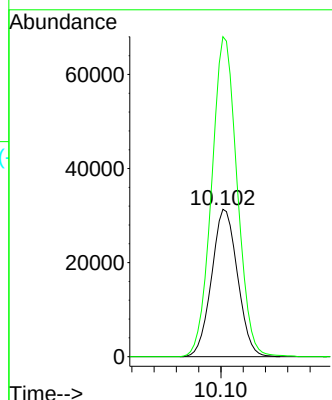
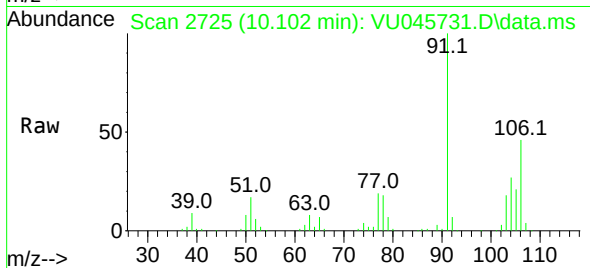
#69
o-Xylene
Concen: 20.481 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

Tgt Ion:106 Resp: 50604
Ion Ratio Lower Upper
106 100
91 214.1 108.7 326.3

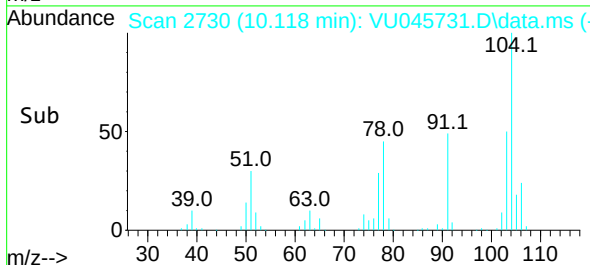
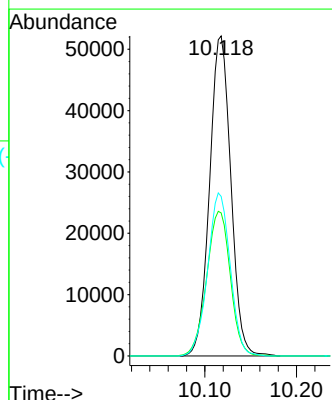
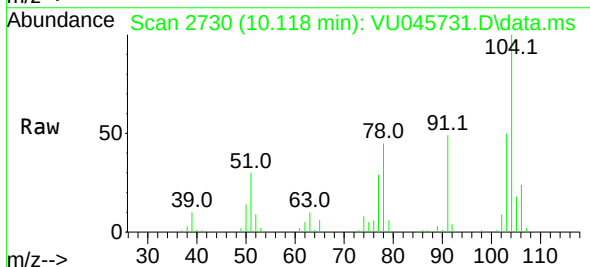
Manual Integrations
APPROVED

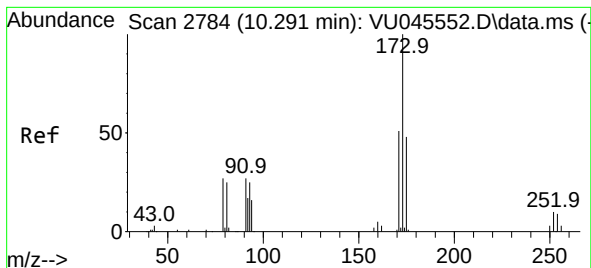
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 20.107 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

Tgt Ion:104 Resp: 84046
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.6
103 54.0 43.8 65.6





#71

Bromoform

Concen: 19.491 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

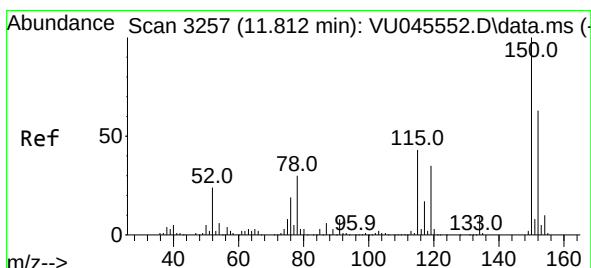
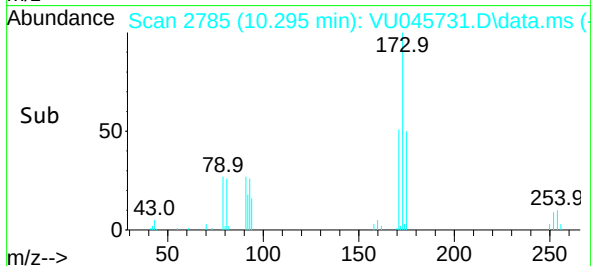
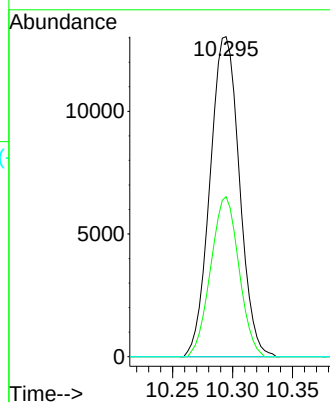
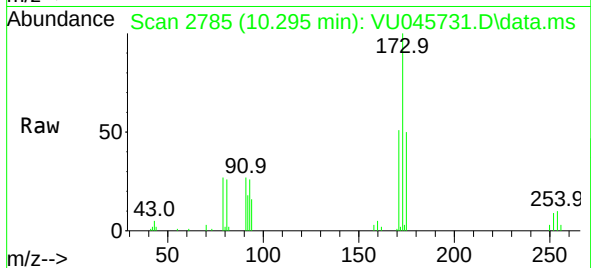
Tgt Ion:173	Resp:	22208
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.1 72.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

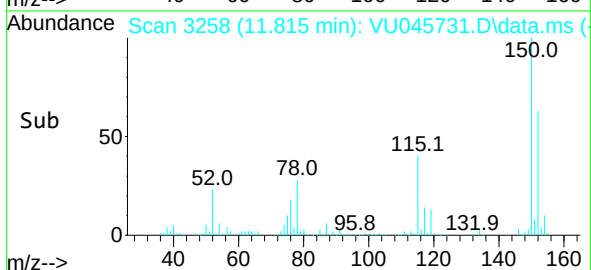
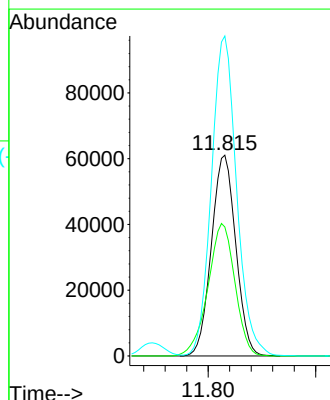
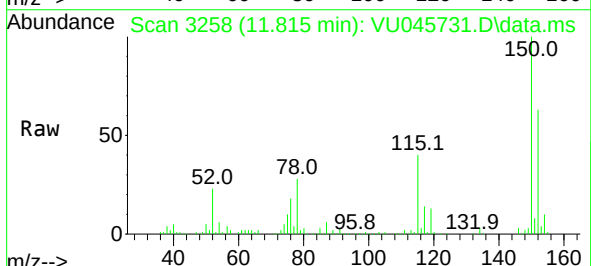
RT: 11.815 min Scan# 3258

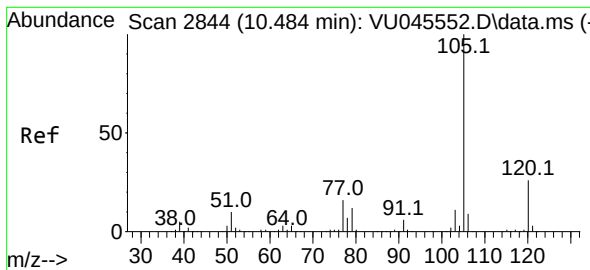
Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion:152	Resp:	96357
Ion Ratio	Lower	Upper
152	100	
115	72.7	42.7 128.1
150	164.8	0.0 346.8





#73

Isopropylbenzene

Concen: 21.441 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion:105 Resp: 13498

Ion Ratio Lower Upper

105 100

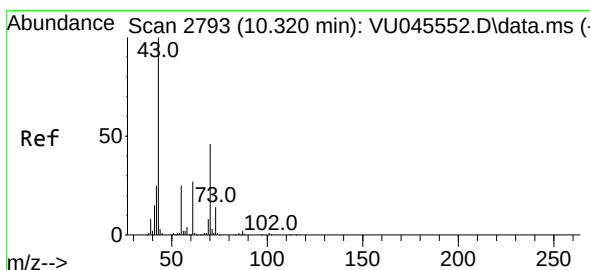
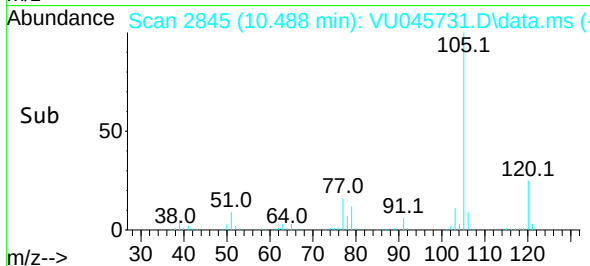
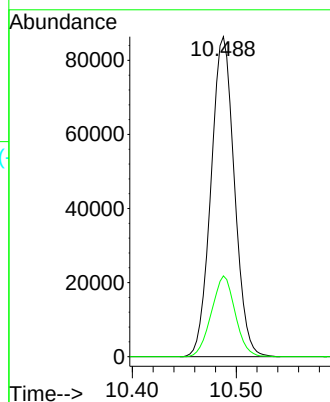
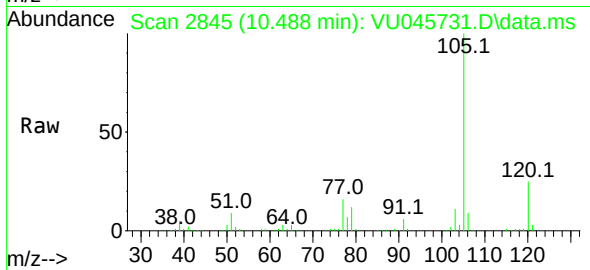
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

N-ethyl acetate

Concen: 17.927 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion: 43 Resp: 50917

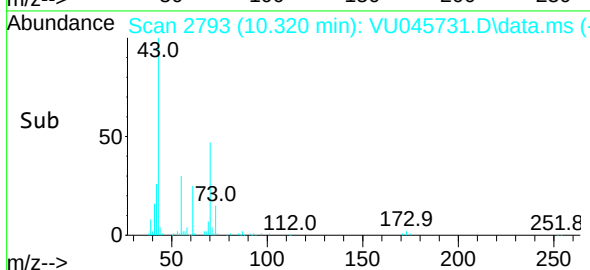
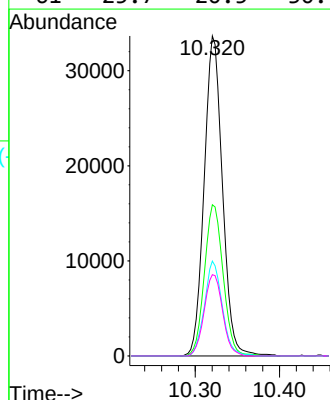
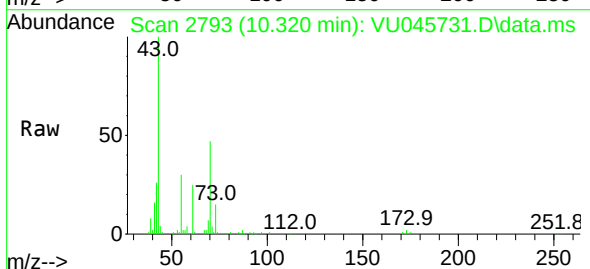
Ion Ratio Lower Upper

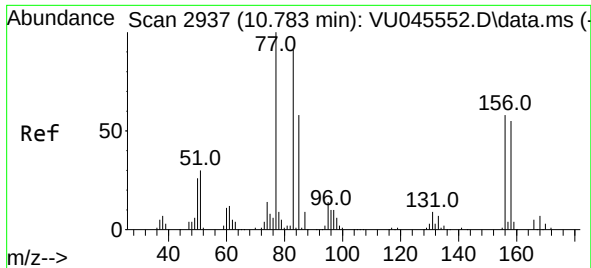
43 100

70 48.4 36.9 55.3

55 28.9 20.6 31.0

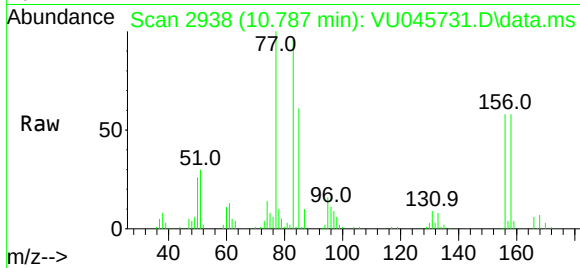
61 25.7 20.5 30.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.899 ug/l
 RT: 10.787 min Scan# 2937
 Delta R.T. 0.003 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17

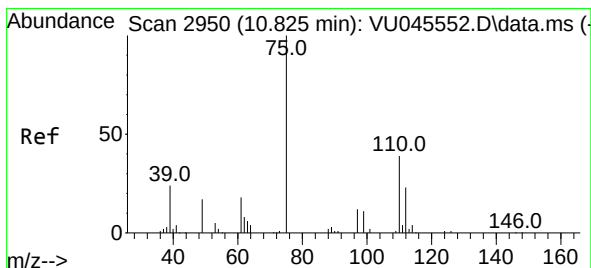
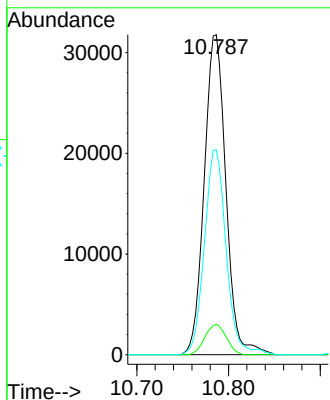
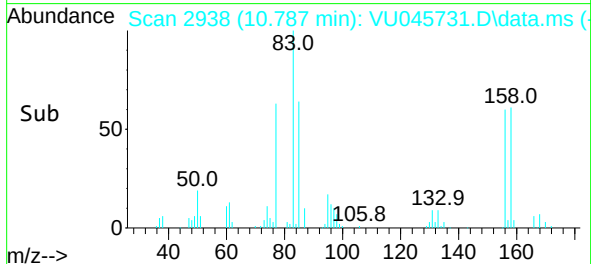
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01



Tgt Ion: 83 Resp: 5213
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.4 13.2
 85 64.3 31.9 95.9

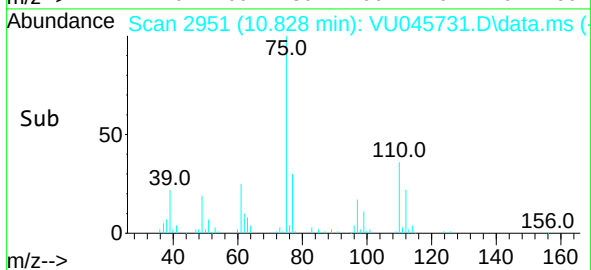
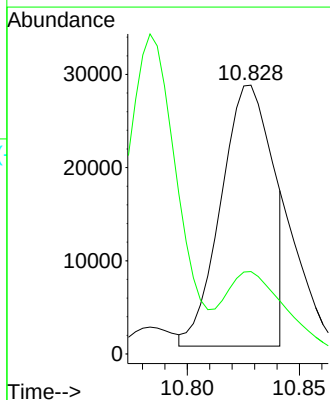
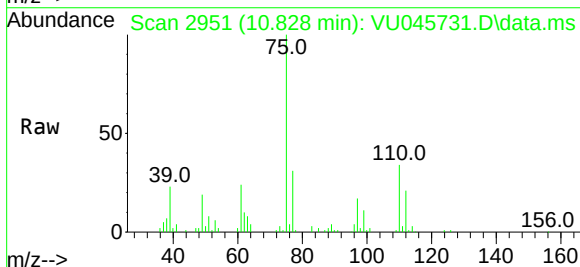
Manual Integrations
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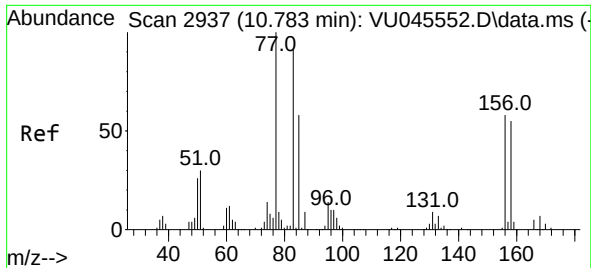
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#76
 1,2,3-Trichloropropane
 Concen: 15.321 ug/l m
 RT: 10.828 min Scan# 2951
 Delta R.T. 0.003 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17

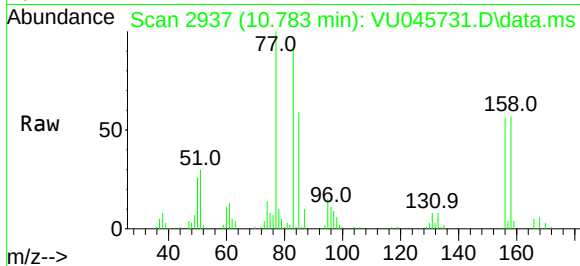
Tgt Ion: 75 Resp: 44770
 Ion Ratio Lower Upper
 75 100
 77 37.0 17.1 51.3





#77
Bromobenzene
Concen: 20.547 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

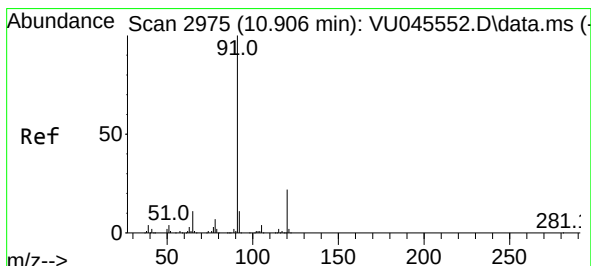
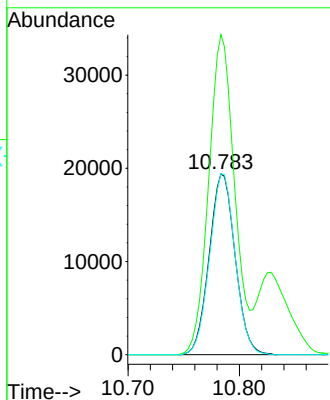
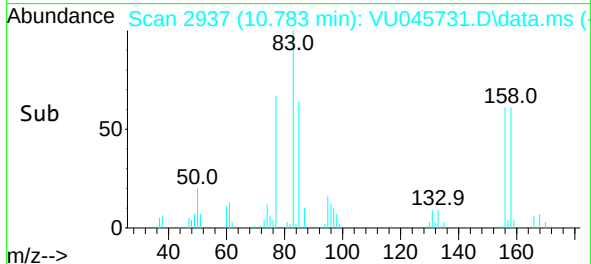
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



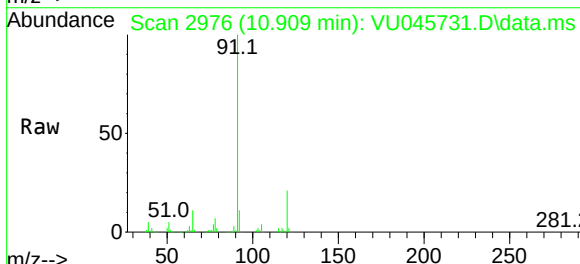
Tgt Ion:156 Resp: 31408
Ion Ratio Lower Upper
156 100
77 174.7 91.1 273.4
158 98.4 47.9 143.6

Manual Integrations
APPROVED

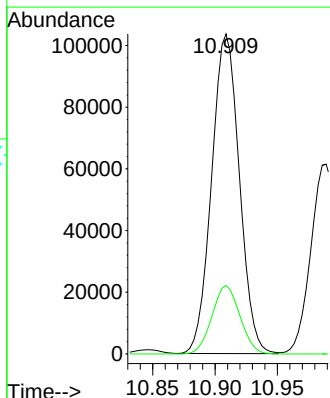
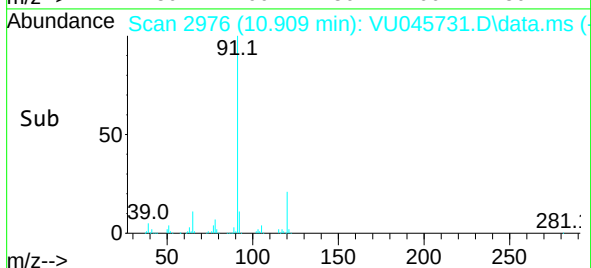
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

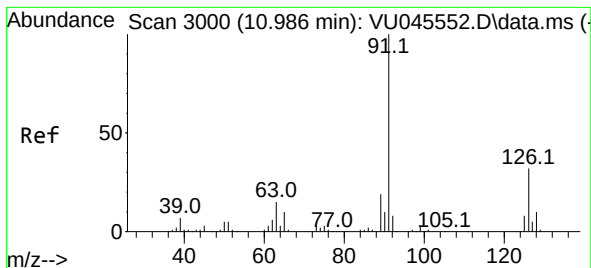


#78
n-propylbenzene
Concen: 20.474 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



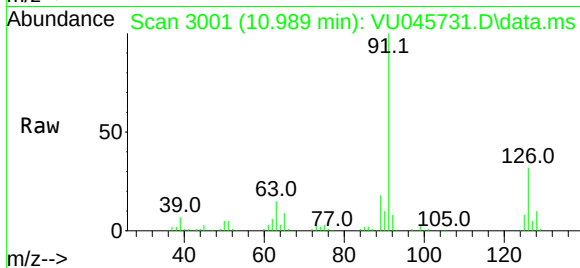
Tgt Ion: 91 Resp: 160430
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





#79
2-Chlorotoluene
Concen: 21.210 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

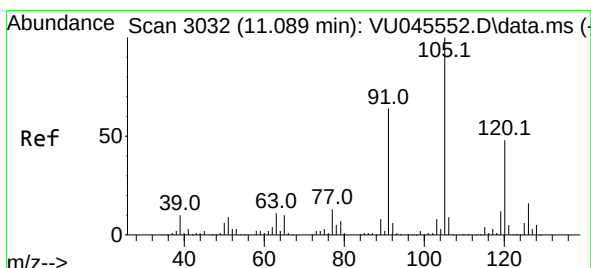
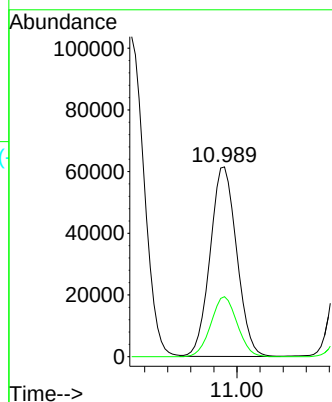
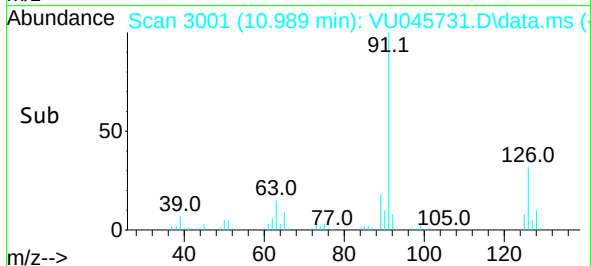
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



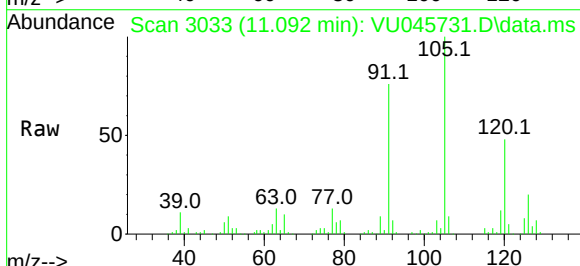
Tgt Ion: 91 Resp: 9819
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8

Manual Integrations
APPROVED

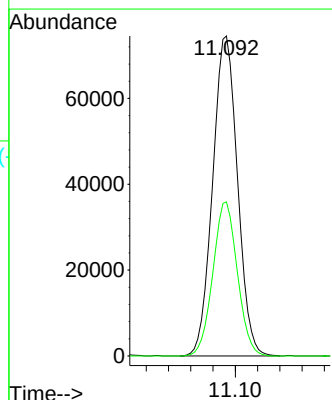
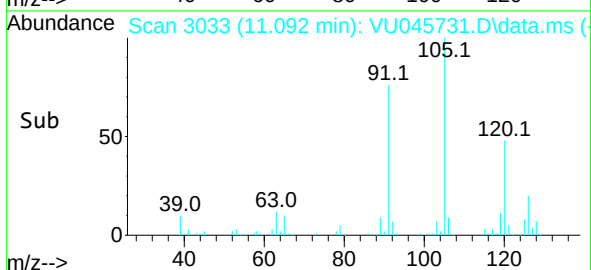
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

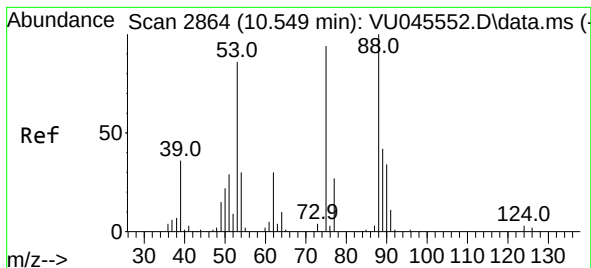


#80
1,3,5-Trimethylbenzene
Concen: 21.009 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



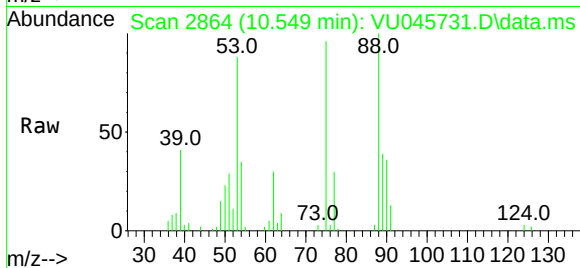
Tgt Ion:105 Resp: 115564
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.914 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

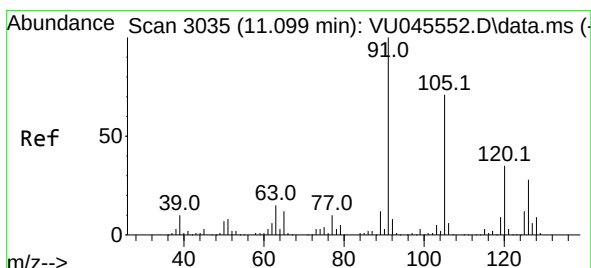
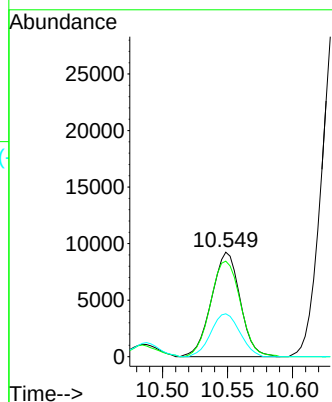
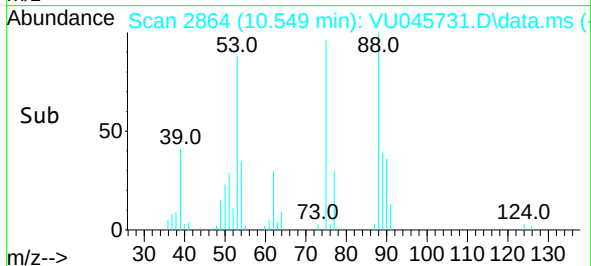
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



Tgt Ion: 75 Resp: 1415
Ion Ratio Lower Upper
75 100
53 95.6 76.2 114.4
89 41.6 34.0 51.0

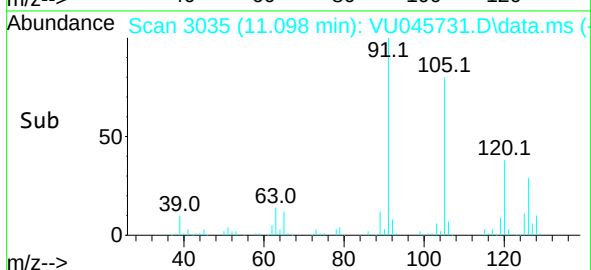
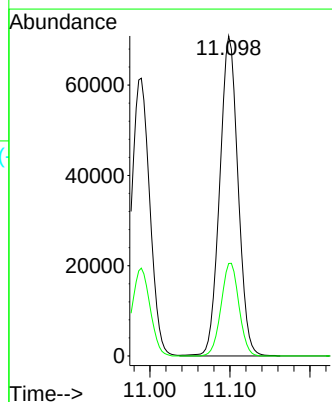
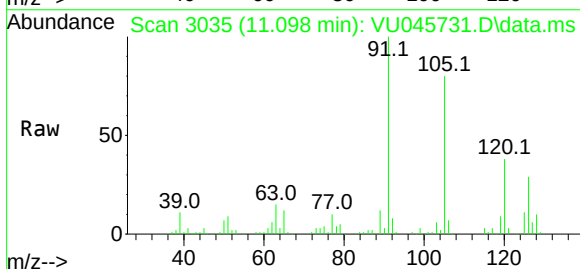
Manual Integrations
APPROVED

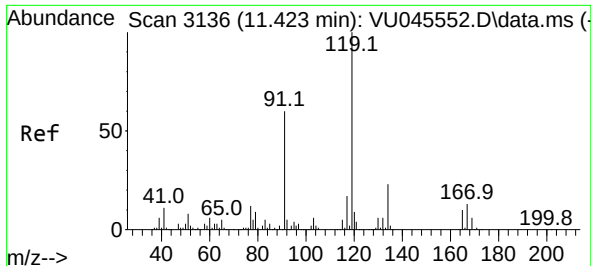
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 20.697 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

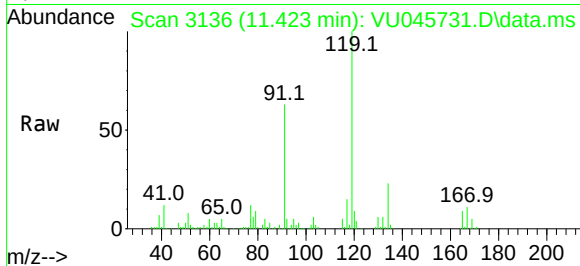
Tgt Ion: 91 Resp: 112369
Ion Ratio Lower Upper
91 100
126 28.1 13.8 41.4





#83
tert-Butylbenzene
Concen: 21.053 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

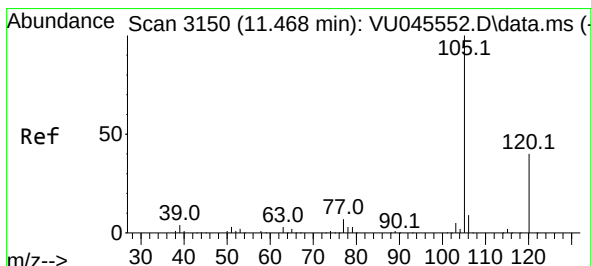
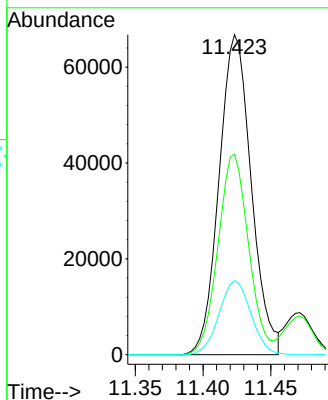
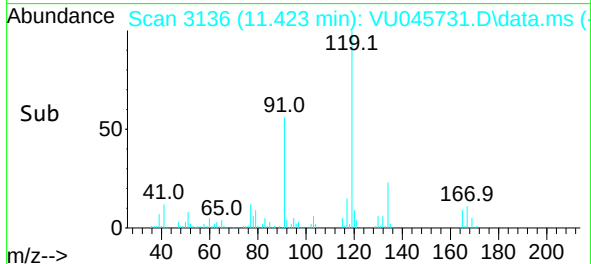
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



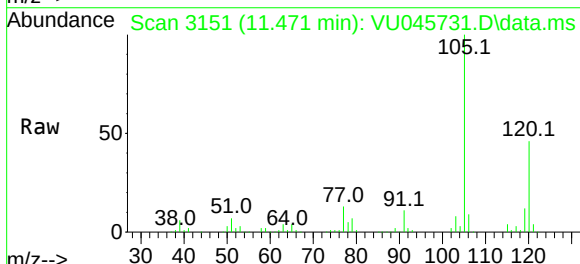
Tgt Ion:119 Resp: 110390
Ion Ratio Lower Upper
119 100
91 59.8 30.5 91.5
134 22.9 11.5 34.5

Manual Integrations
APPROVED

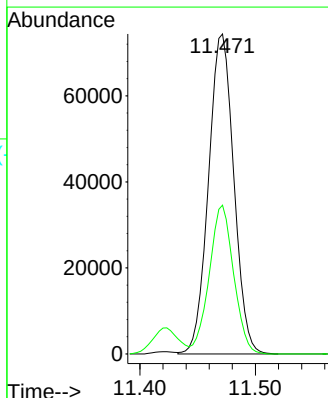
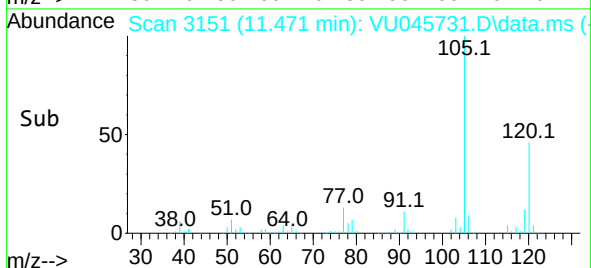
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

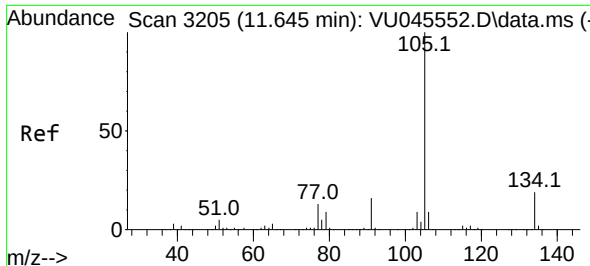


#84
1,2,4-Trimethylbenzene
Concen: 20.689 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



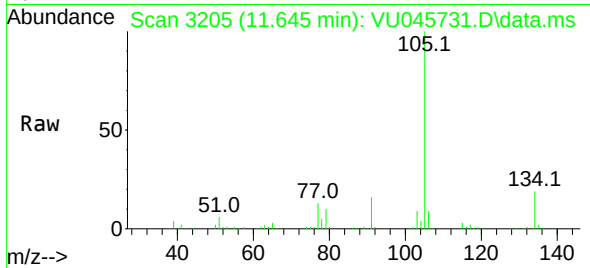
Tgt Ion:105 Resp: 113108
Ion Ratio Lower Upper
105 100
120 44.9 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.913 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17

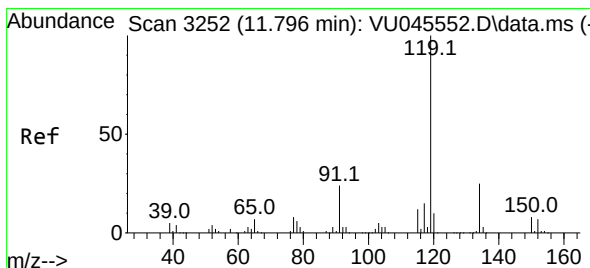
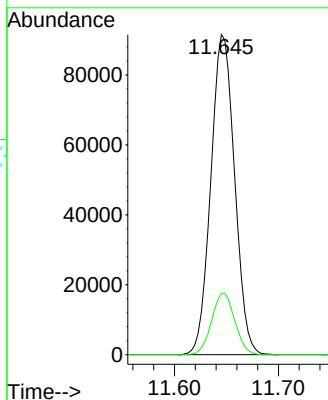
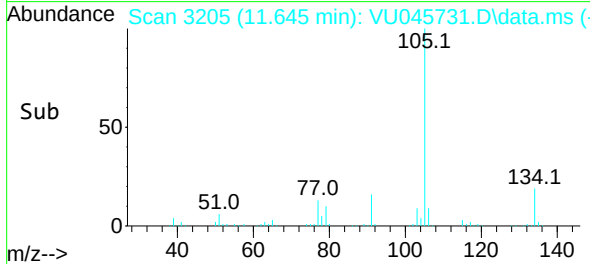
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01



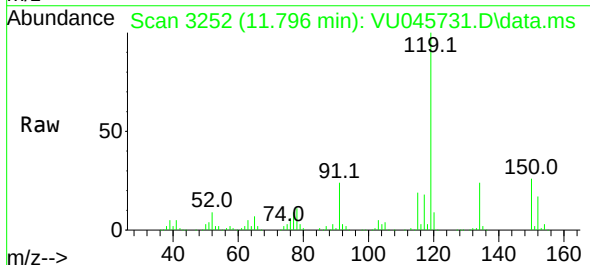
Tgt Ion:105 Resp: 145436
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3

Manual Integrations
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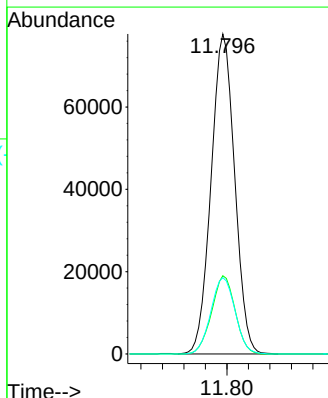
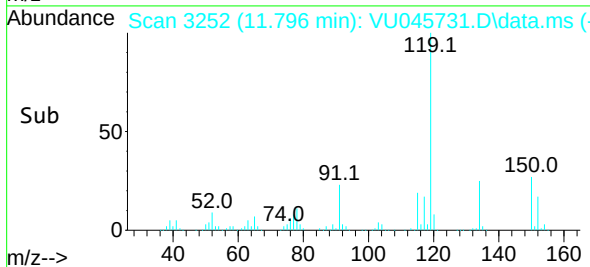
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

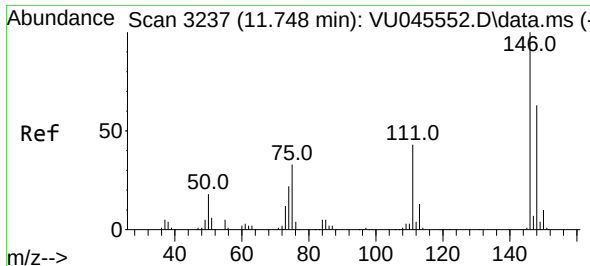


#86
 p-Isopropyltoluene
 Concen: 20.370 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045731.D
 Acq: 11 Nov 2021 12:17



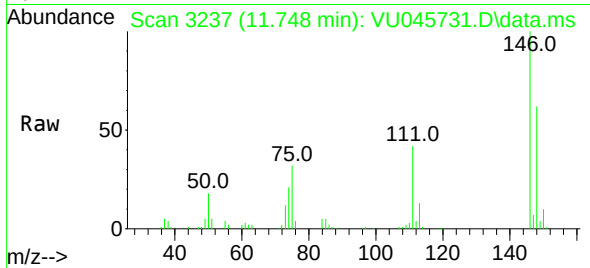
Tgt Ion:119 Resp: 118377
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.7 38.1
 91 24.5 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 19.660 ug/l
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

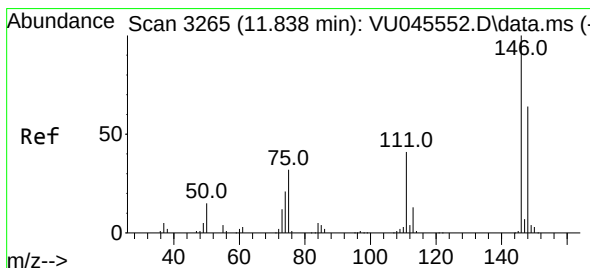
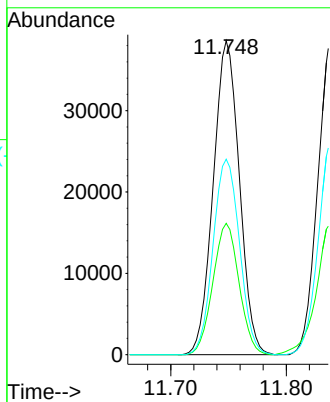
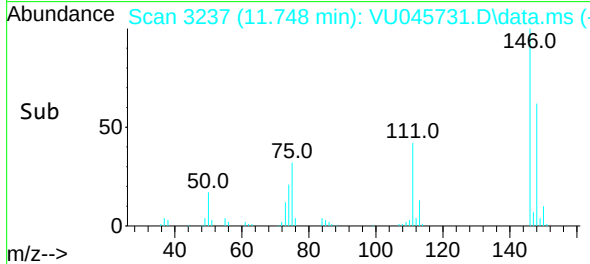
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



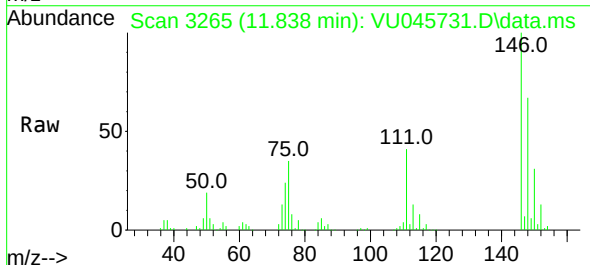
Tgt Ion:146 Resp: 60634
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 63.2 31.7 95.1

Manual Integrations
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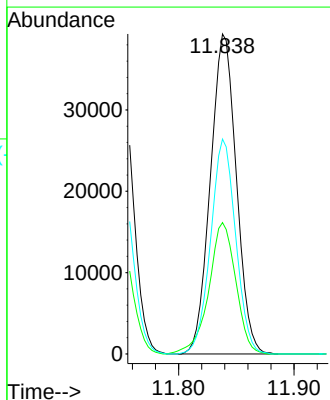
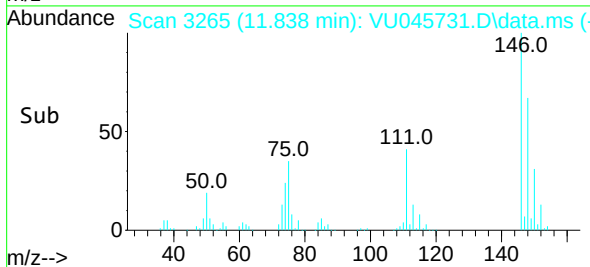
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

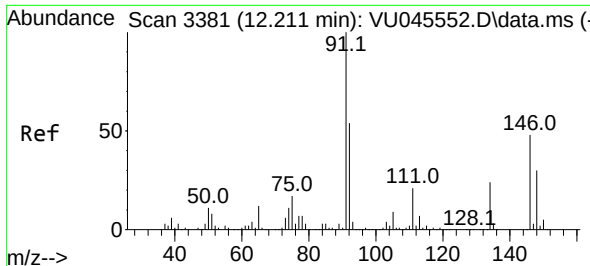


#88
1,4-Dichlorobenzene
Concen: 19.661 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



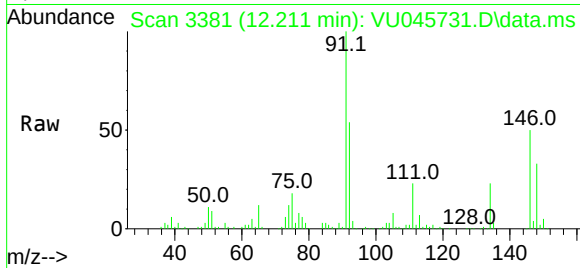
Tgt Ion:146 Resp: 61330
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.9
148 65.1 31.9 95.7





#89
n-Butylbenzene
Concen: 18.721 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

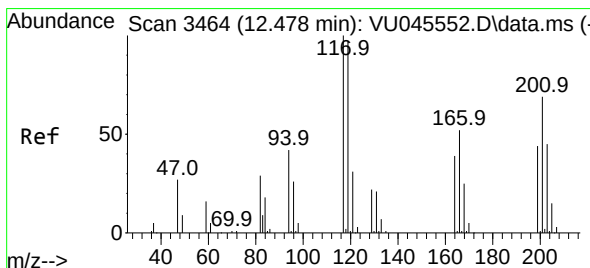
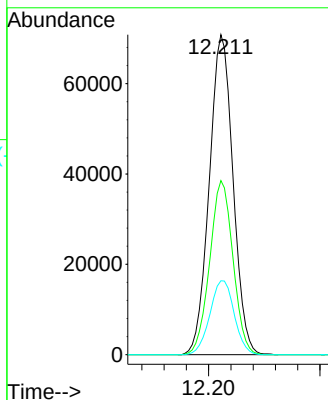
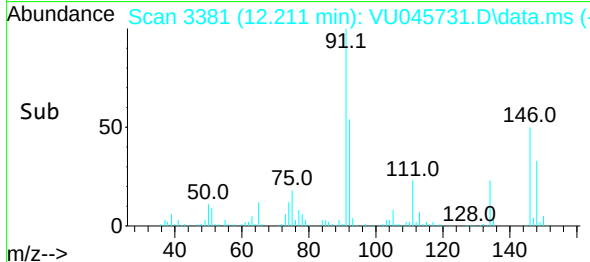
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



Tgt Ion: 91 Resp: 10480
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.2
134 23.7 11.8 35.4

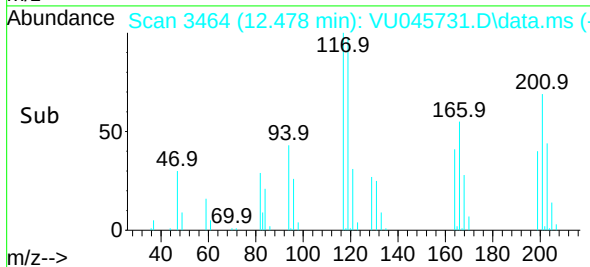
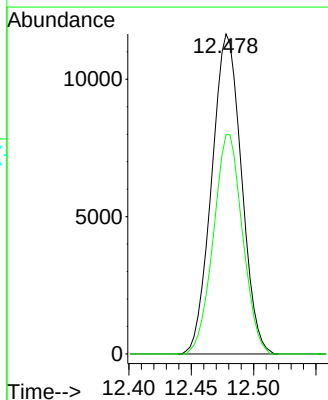
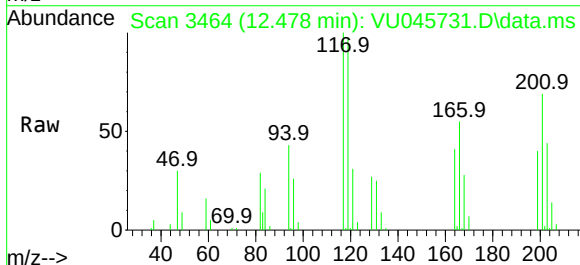
Manual Integrations
APPROVED

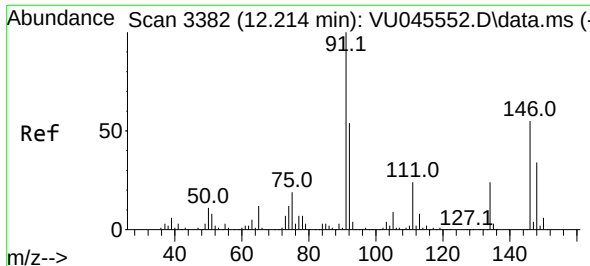
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 18.472 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

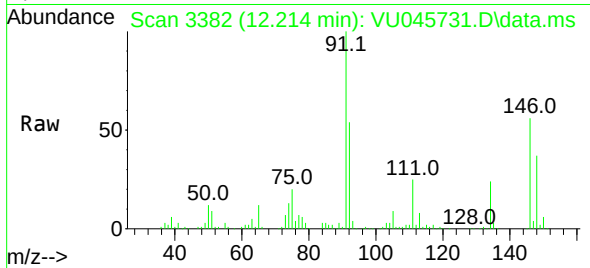
Tgt Ion:117 Resp: 19365
Ion Ratio Lower Upper
117 100
201 67.0 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 20.354 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

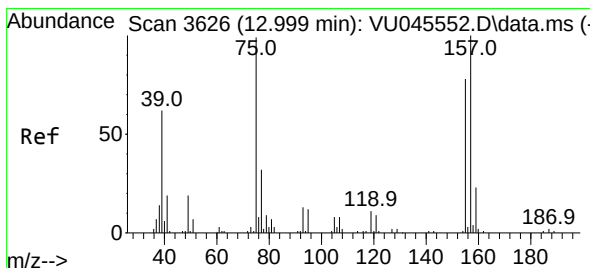
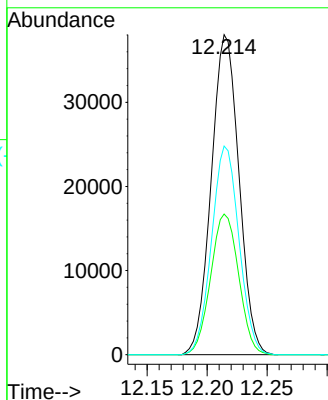
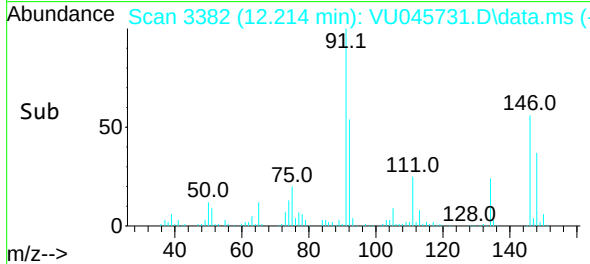
Instrument :
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ClientSampleId :
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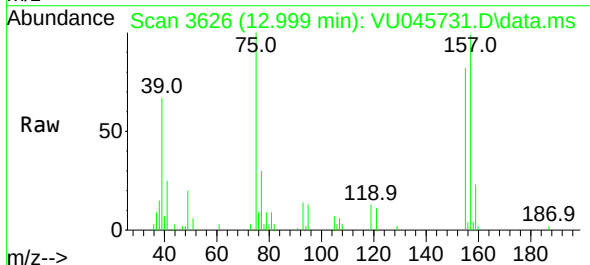
Tgt Ion:146 Resp: 61070
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 64.6 32.1 96.3

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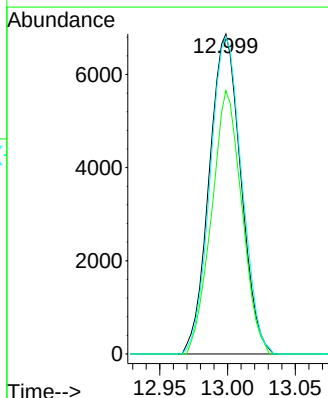
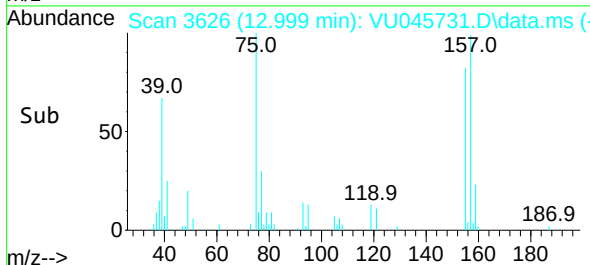
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

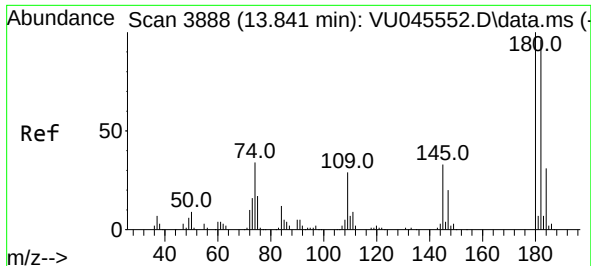


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.922 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



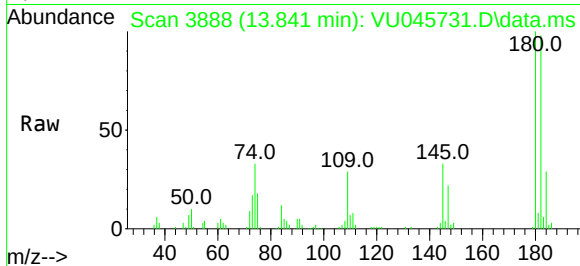
Tgt Ion: 75 Resp: 11137
Ion Ratio Lower Upper
75 100
155 78.7 37.8 113.3
157 99.2 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 18.185 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

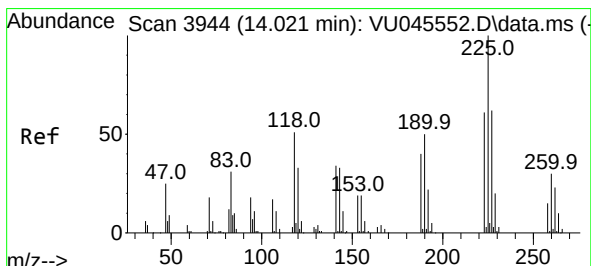
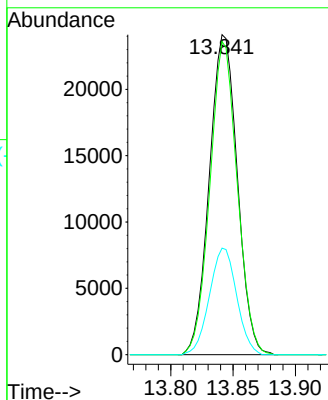
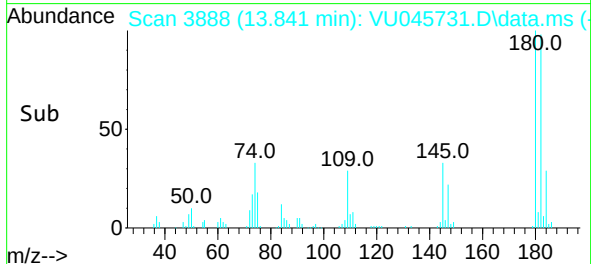
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



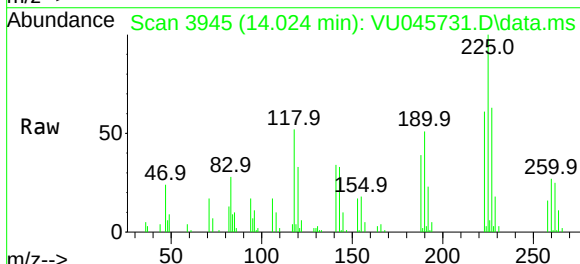
Tgt Ion:180 Resp: 37729
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 32.4 15.6 46.7

Manual Integrations
APPROVED

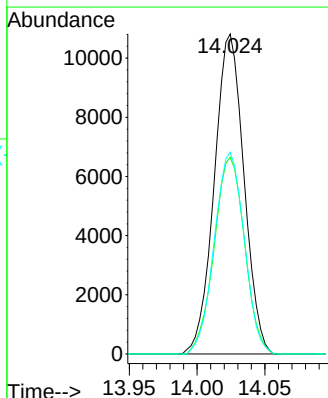
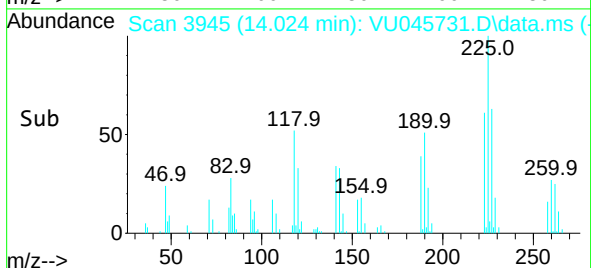
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

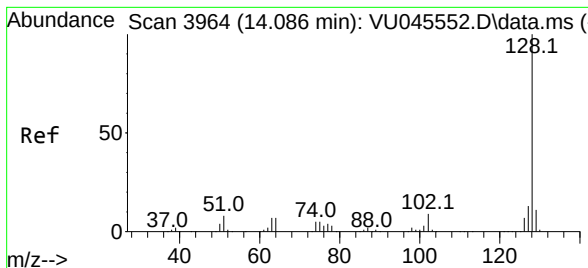


#94
Hexachlorobutadiene
Concen: 18.378 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



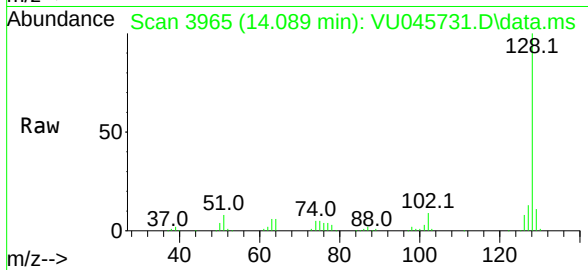
Tgt Ion:225 Resp: 16459
Ion Ratio Lower Upper
225 100
223 63.0 32.0 96.2
227 63.6 31.1 93.5





#95
Naphthalene
Concen: 17.925 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17

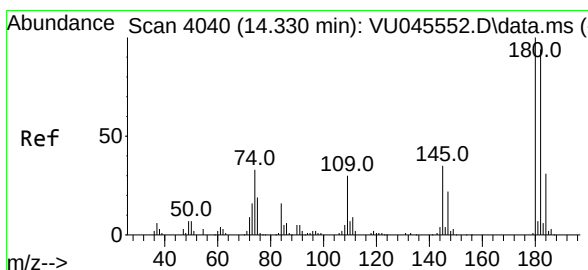
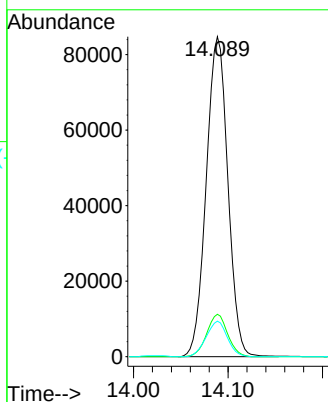
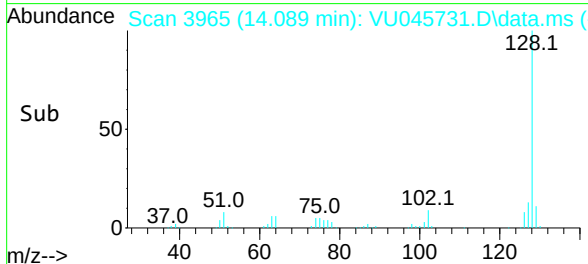
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01



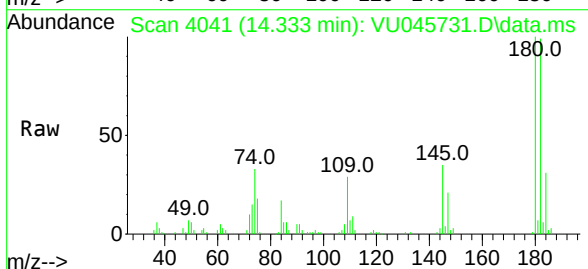
Tgt Ion:128 Resp: 134554
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.091 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045731.D
Acq: 11 Nov 2021 12:17



Tgt Ion:180 Resp: 39342
Ion Ratio Lower Upper
180 100
182 96.7 47.7 143.1
145 35.0 16.7 50.0

