

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045776.D
 Acq On : 12 Nov 2021 17:53
 Operator : SY/MD
 Sample : M4606-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:22:31 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	5.379	168	102685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	180336	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	178596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	93169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	71664	46.601	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.200%
35) Dibromofluoromethane	5.292	113	55974	46.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	7.899	98	208762	46.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.260%
62) 4-Bromofluorobenzene	10.636	95	81720	45.519	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59966	45.041	ug/l	98
3) Chloromethane	1.520	50	68221	44.784	ug/l	98
4) Vinyl Chloride	1.604	62	71520	48.197	ug/l	98
5) Bromomethane	1.842	94	45290	54.720	ug/l	99
6) Chloroethane	1.925	64	43003	44.406	ug/l	98
7) Trichlorofluoromethane	2.134	101	97251	49.561	ug/l	99
8) Diethyl Ether	2.379	74	38923	50.111	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	56324	49.157	ug/l	96
10) Methyl Iodide	2.723	142	56771	37.862	ug/l	92
11) Tert butyl alcohol	3.179	59	89591	294.334	ug/l	99
12) 1,1-Dichloroethene	2.578	96	54133	47.918	ug/l	98
13) Acrolein	2.485	56	12489	283.137	ug/l	100
14) Allyl chloride	2.922	41	100368	49.756	ug/l	96
15) Acrylonitrile	3.311	53	222893	274.270	ug/l	98
16) Acetone	2.623	43	174348	222.715	ug/l	98
17) Carbon Disulfide	2.794	76	133322	42.133	ug/l	99
18) Methyl Acetate	2.948	43	135820	50.939	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	211445	51.996	ug/l	98
20) Methylene Chloride	3.044	84	67391	49.544	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	59427	50.564	ug/l	97
22) Diisopropyl ether	3.996	45	208206	52.567	ug/l	91
23) Vinyl Acetate	3.957	43	782817	256.974	ug/l	99
24) 1,1-Dichloroethane	3.871	63	121663	51.547	ug/l	100
25) 2-Butanone	4.700	43	289452	266.591	ug/l	99
26) 2,2-Dichloropropane	4.668	77	93713	47.915	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	73214	53.038	ug/l	99
28) Bromochloromethane	4.977	49	60156	53.461	ug/l	95
29) Tetrahydrofuran	5.051	42	181595	273.430	ug/l	98
30) Chloroform	5.093	83	122529	52.491	ug/l	100
31) Cyclohexane	5.392	56	101298	45.145	ug/l	99
32) 1,1,1-Trichloroethane	5.321	97	104981	52.738	ug/l	98
36) 1,1-Dichloropropene	5.527	75	85938	48.873	ug/l	100
37) Ethyl Acetate	4.803	43	101998	50.496	ug/l	97
38) Carbon Tetrachloride	5.527	117	90194	50.877	ug/l	99
39) Methylcyclohexane	6.764	83	101539	47.069	ug/l	97
40) Benzene	5.777	78	261105	50.154	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.974	41	58150	54.476	ug/l	98
42) 1,2-Dichloroethane	5.797	62	97107	51.640	ug/l	100
43) Isopropyl Acetate	5.912	43	156913	50.789	ug/l	98
44) Trichloroethene	6.543	130	76470	61.365	ug/l	98
45) 1,2-Dichloropropane	6.793	63	73525	53.375	ug/l	98
46) Dibromomethane	6.919	93	49707	52.079	ug/l	99
47) Bromodichloromethane	7.108	83	97718	53.957	ug/l	97
48) Methyl methacrylate	6.961	41	75294	52.949	ug/l	97
49) 1,4-Dioxane	6.961	88	43422	1187.383	ug/l #	94
51) 4-Methyl-2-Pentanone	7.793	43	554953	272.298	ug/l	100
52) Toluene	7.970	92	165381	51.888	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	105176	50.532	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	111465	50.420	ug/l	95
55) 1,1,2-Trichloroethane	8.401	97	70717	53.535	ug/l	99
56) Ethyl methacrylate	8.334	69	109854	46.541	ug/l	97
57) 1,3-Dichloropropane	8.578	76	124616	52.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.446	63	428	0.352	ug/l #	49
59) 2-Hexanone	8.684	43	424781	239.850	ug/l	99
60) Dibromochloromethane	8.813	129	74800	54.380	ug/l	100
61) 1,2-Dibromoethane	8.925	107	73657	51.990	ug/l	99
64) Tetrachloroethene	8.555	164	54709	53.371	ug/l	95
65) Chlorobenzene	9.449	112	175514	50.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	64148	51.271	ug/l	99
67) Ethyl Benzene	9.571	91	317515	50.541	ug/l	100
68) m/p-Xylenes	9.697	106	244036	103.000	ug/l	100
69) o-Xylene	10.102	106	120825	52.454	ug/l	98
70) Styrene	10.115	104	206667	53.034	ug/l	98
71) Bromoform	10.292	173	55541	47.092	ug/l #	99
73) Isopropylbenzene	10.488	105	315352	51.802	ug/l	99
74) N-amyl acetate	10.321	43	128960	46.959	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	123752	51.309	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	136282	48.234	ug/l	95
77) Bromobenzene	10.784	156	75269	50.926	ug/l	95
78) n-propylbenzene	10.909	91	382396	50.471	ug/l	99
79) 2-Chlorotoluene	10.989	91	227910	50.915	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	272236	51.184	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	34899	41.034	ug/l	97
82) 4-Chlorotoluene	11.099	91	264978	50.475	ug/l	99
83) tert-Butylbenzene	11.423	119	263507	51.972	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	273765	51.789	ug/l	100
85) sec-Butylbenzene	11.645	105	341028	50.716	ug/l	99
86) p-Isopropyltoluene	11.796	119	283924	50.529	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	144969	48.612	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	147877	49.029	ug/l	99
89) n-Butylbenzene	12.211	91	259370	47.918	ug/l	99
90) Hexachloroethane	12.478	117	47996	47.349	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	146914	50.636	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	28674	50.384	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	93895	46.805	ug/l	97
94) Hexachlorobutadiene	14.025	225	38366	44.305	ug/l	99
95) Naphthalene	14.089	128	361147	47.930	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	100555	50.464	ug/l	99

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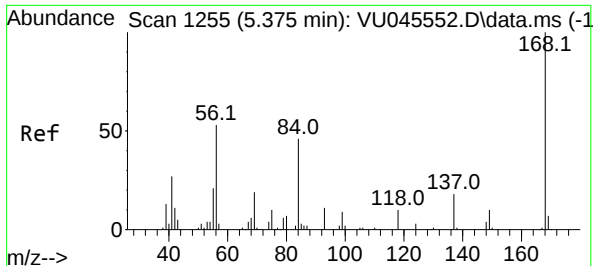
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QLast Update : Fri Nov 05 13:35:16 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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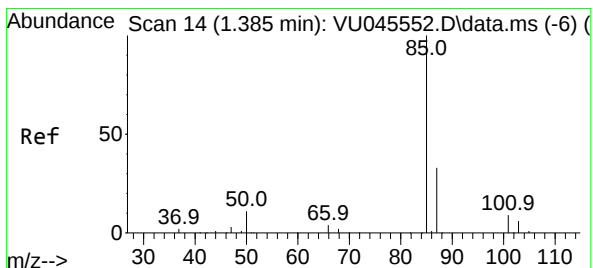
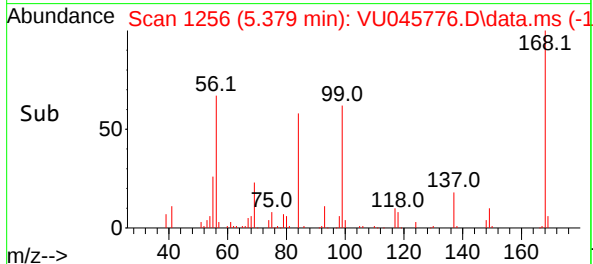
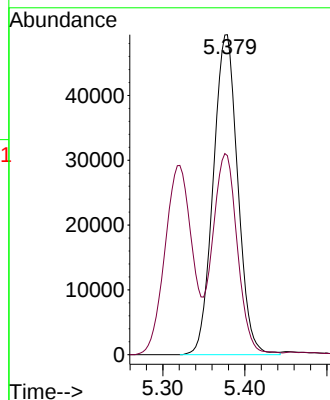
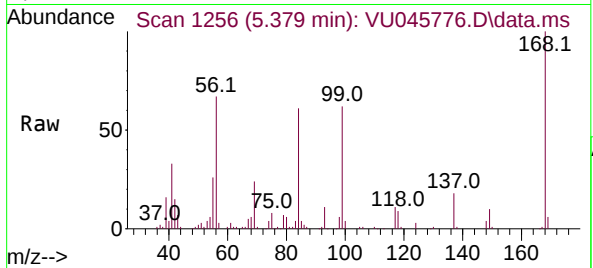




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

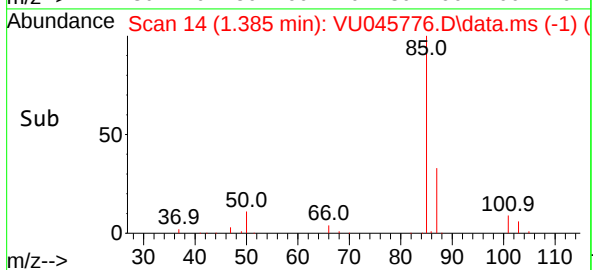
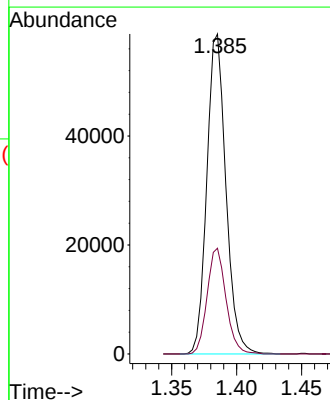
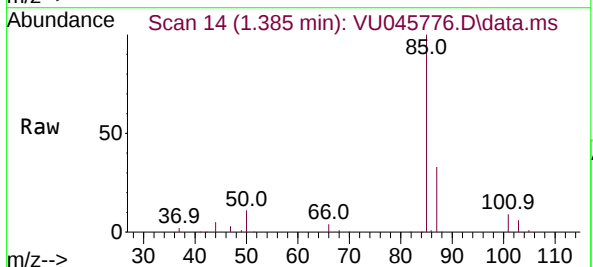
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ClientSampleId :

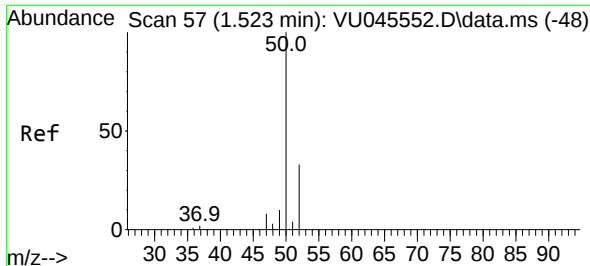
Tgt Ion:168 Resp: 102685
Ion Ratio Lower Upper
168 100
99 61.6 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 45.041 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 85 Resp: 59966
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.7

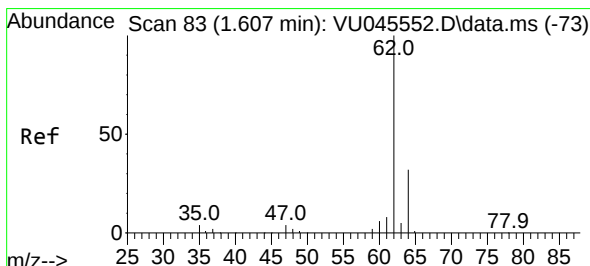
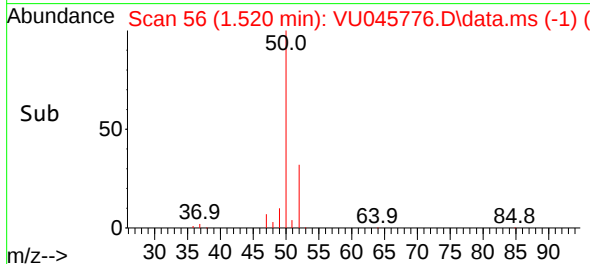
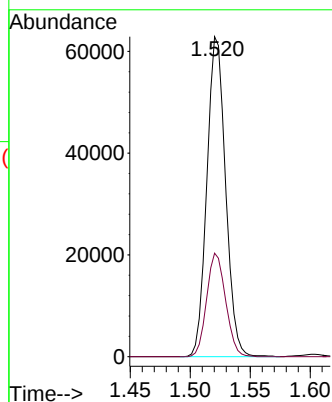
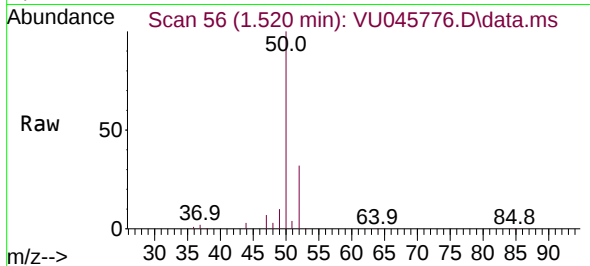




#3
Chloromethane
Concen: 44.784 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

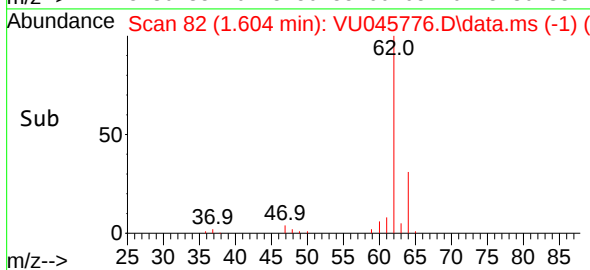
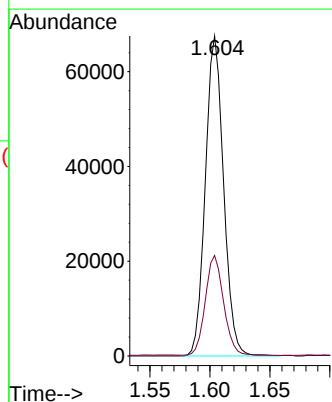
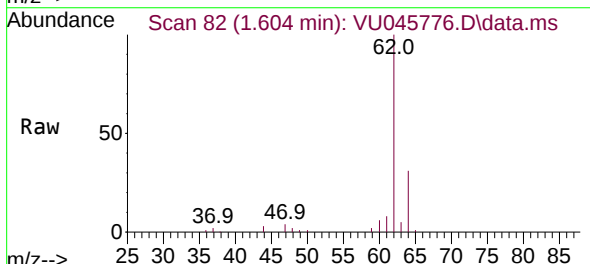
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ClientSampleId :

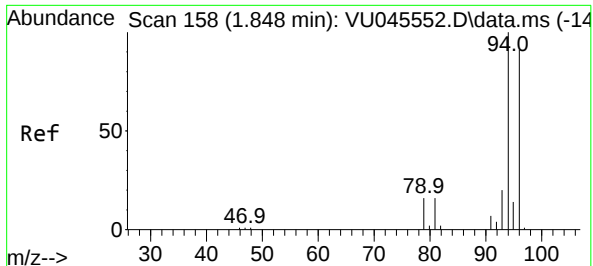
Tgt Ion: 50 Resp: 68221
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 48.197 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 62 Resp: 71520
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6

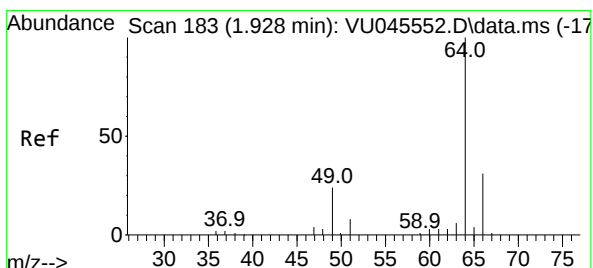
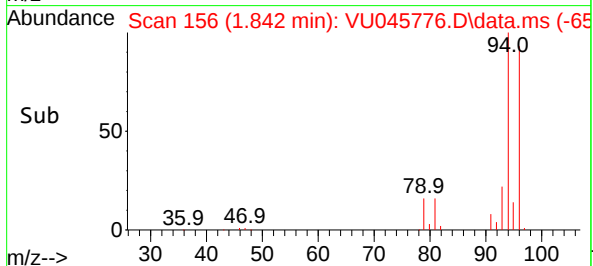
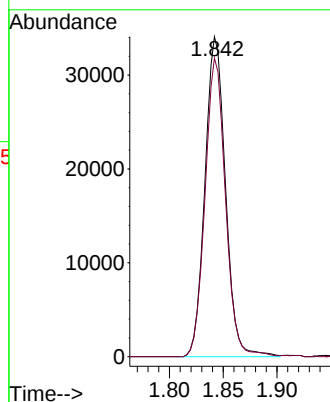
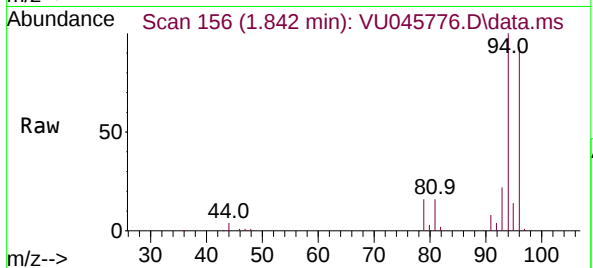




#5
Bromomethane
Concen: 54.720 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

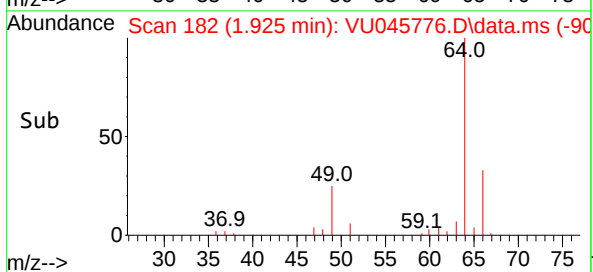
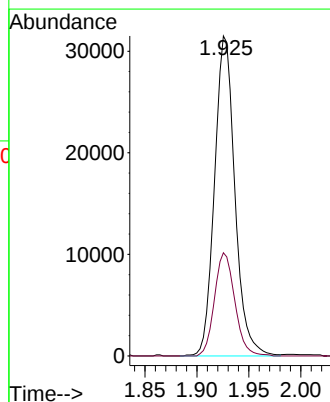
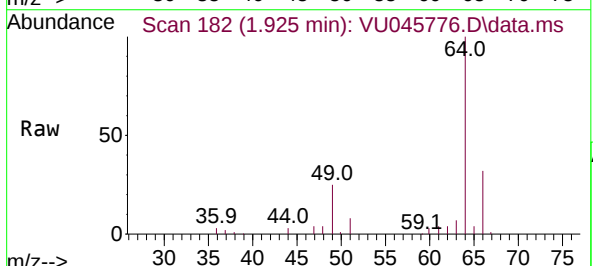
Instrument :
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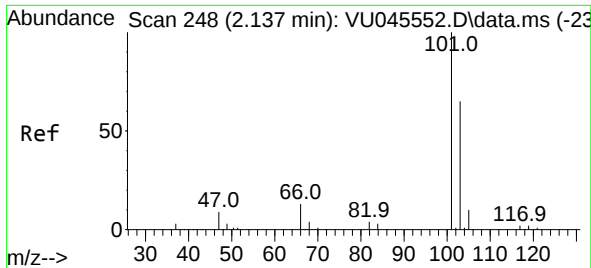
Tgt Ion: 94 Resp: 45290
Ion Ratio Lower Upper
94 100
96 93.3 75.4 113.2



#6
Chloroethane
Concen: 44.406 ug/l
RT: 1.925 min Scan# 182
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

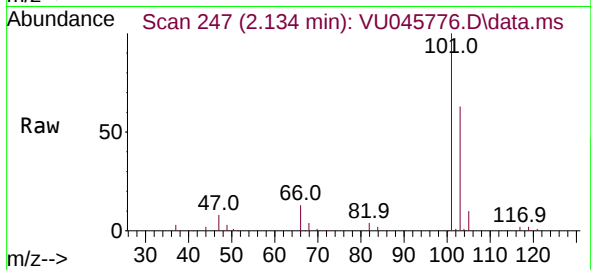
Tgt Ion: 64 Resp: 43003
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1



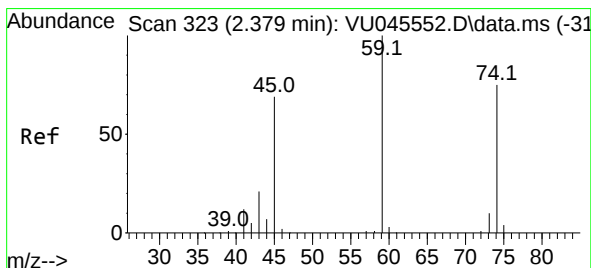
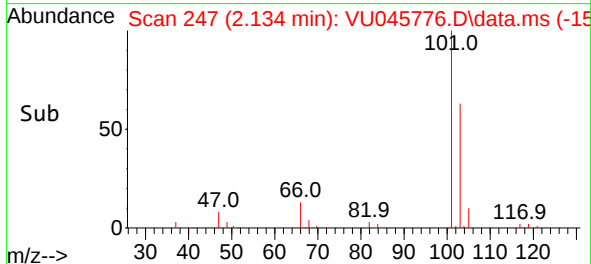
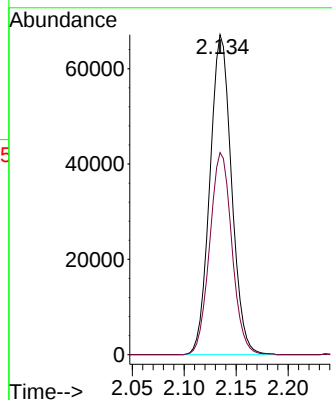


#7
 Trichlorofluoromethane
 Concen: 49.561 ug/l
 RT: 2.134 min Scan# 248
 Delta R.T. -0.003 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

Instrument :
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 ClientSampleId :

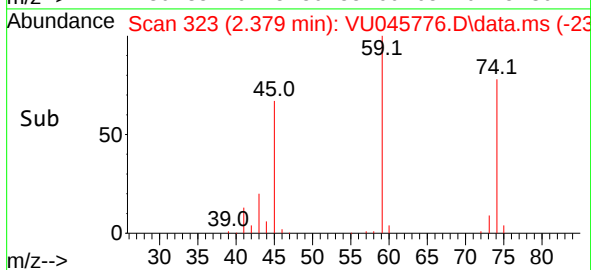
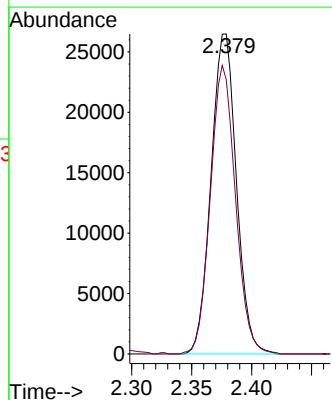
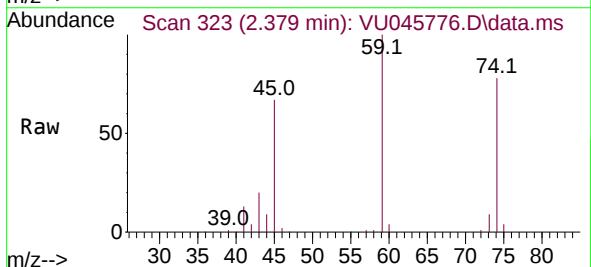


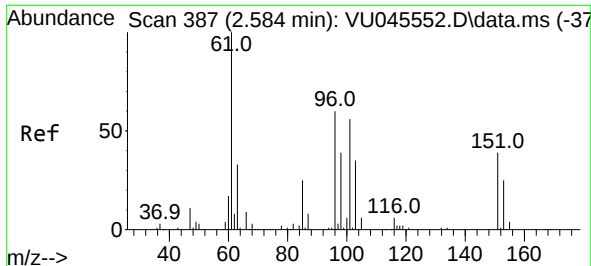
Tgt Ion:101 Resp: 97251
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.111 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

Tgt Ion: 74 Resp: 38923
 Ion Ratio Lower Upper
 74 100
 45 89.2 47.3 141.8

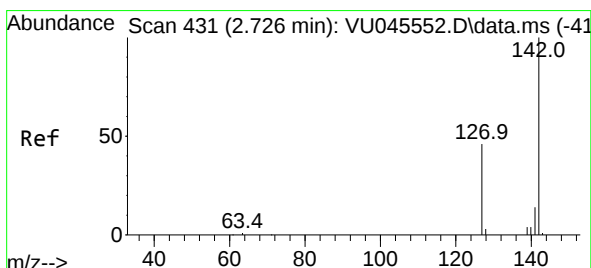
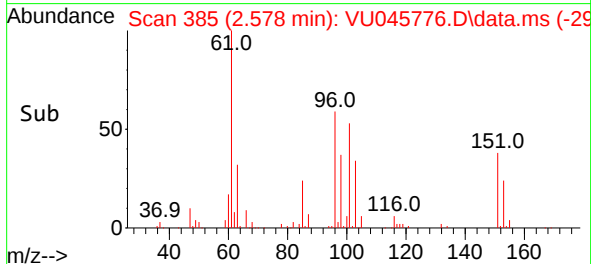
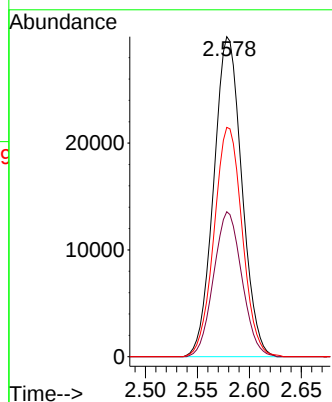
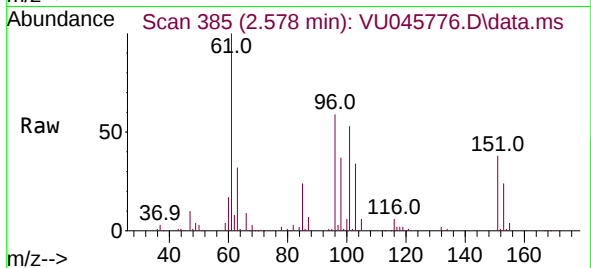




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.157 ug/l
RT: 2.578 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU045776.D
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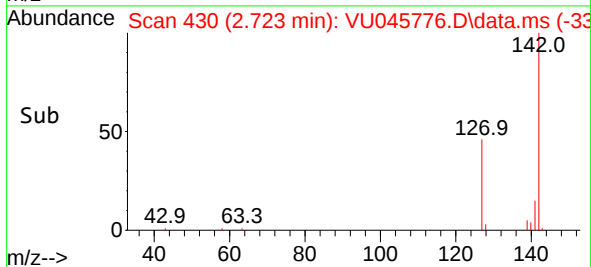
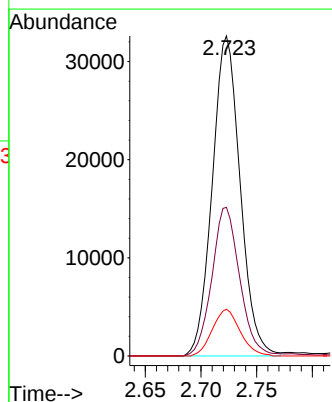
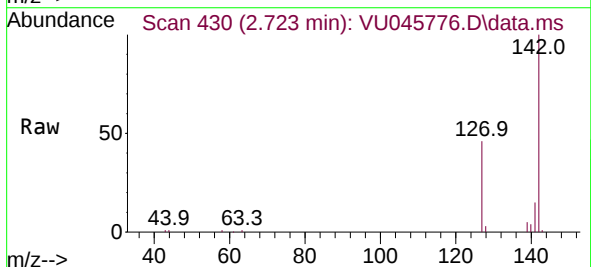
Instrument :
MSVOA_U
ClientSampleId :

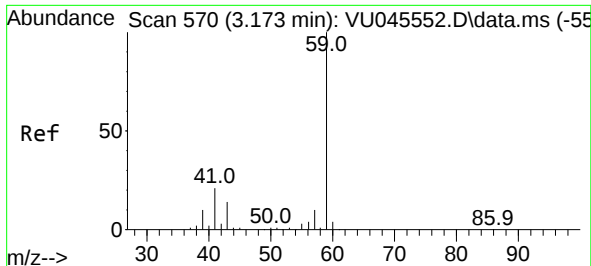
Tgt Ion:101 Resp: 56324
Ion Ratio Lower Upper
101 100
85 45.5 35.0 52.4
151 71.9 54.6 82.0



#10
Methyl Iodide
Concen: 37.862 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:142 Resp: 56771
Ion Ratio Lower Upper
142 100
127 46.3 32.2 48.2
141 14.5 11.3 16.9

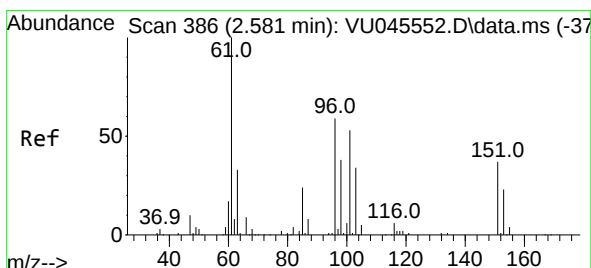
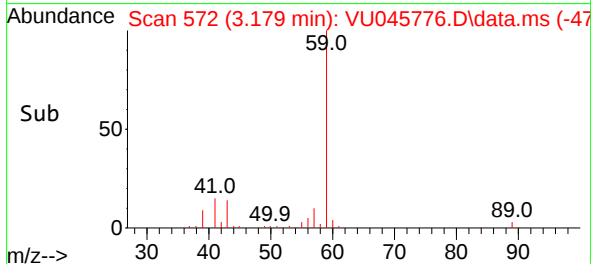
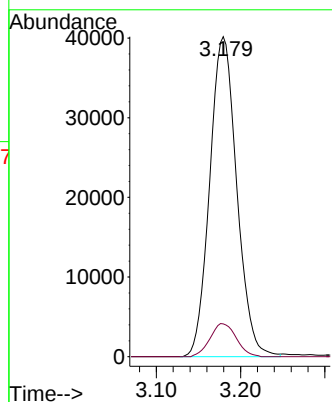
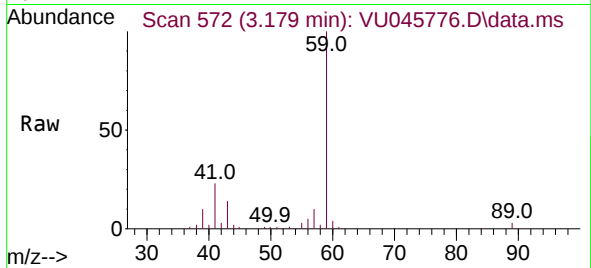




#11
Tert butyl alcohol
Concen: 294.334 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

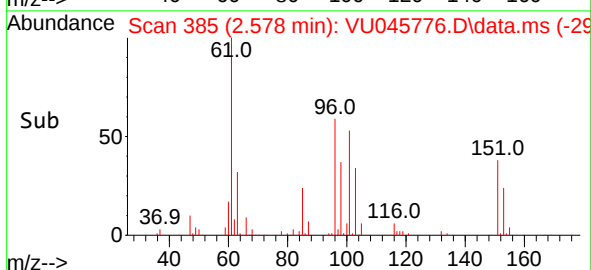
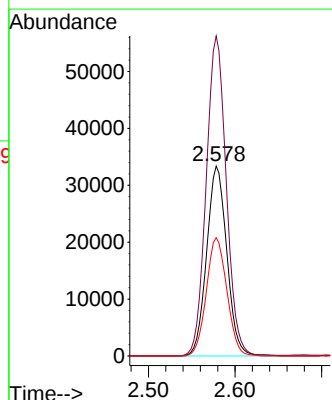
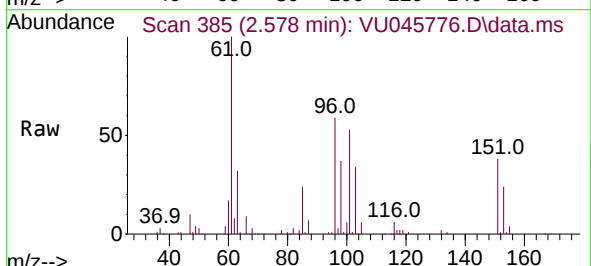
Instrument :
MSVOA_U
ClientSampleId :

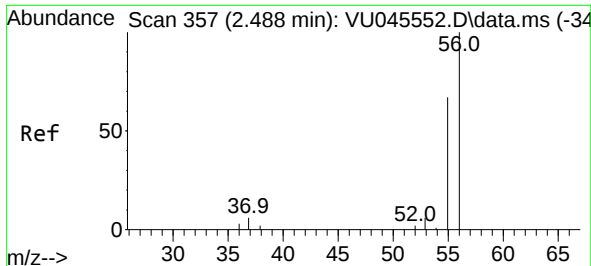
Tgt Ion: 59 Resp: 89591
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.918 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 96 Resp: 54133
Ion Ratio Lower Upper
96 100
61 168.5 137.1 205.7
98 62.2 51.5 77.3

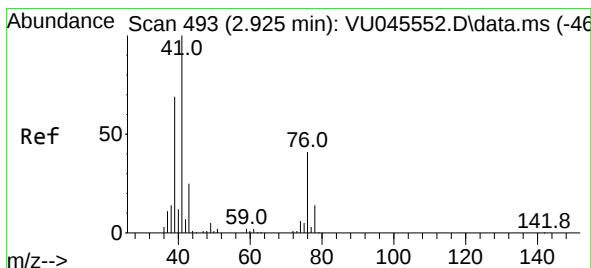
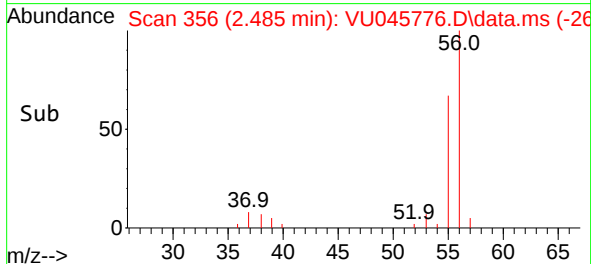
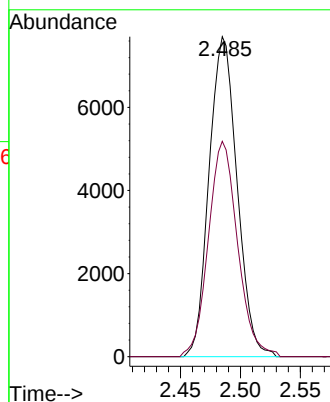
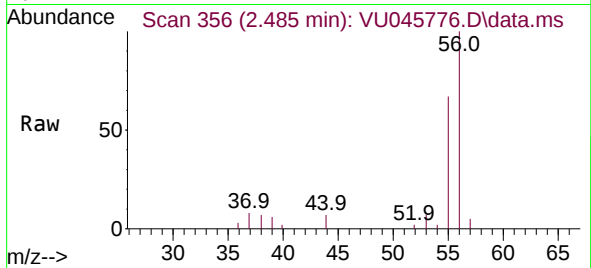




#13
Acrolein
Concen: 283.137 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

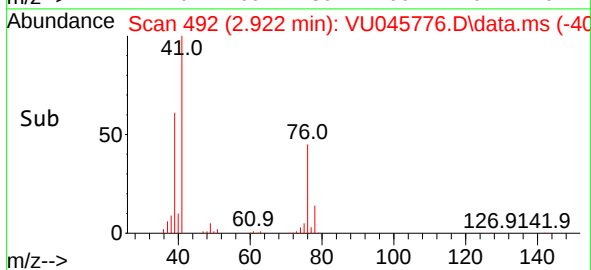
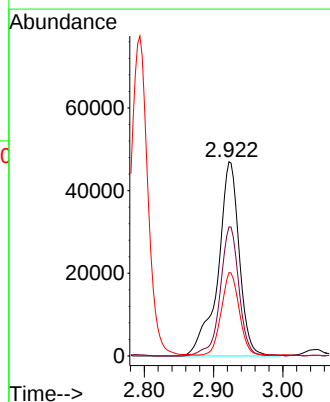
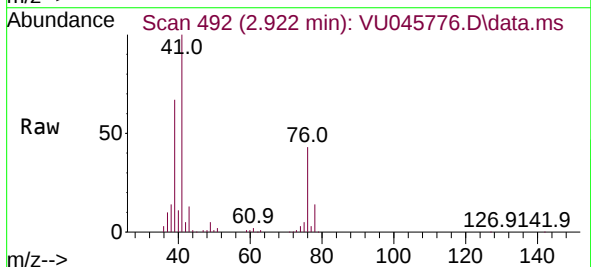
Instrument :
MSVOA_U
ClientSampleId :

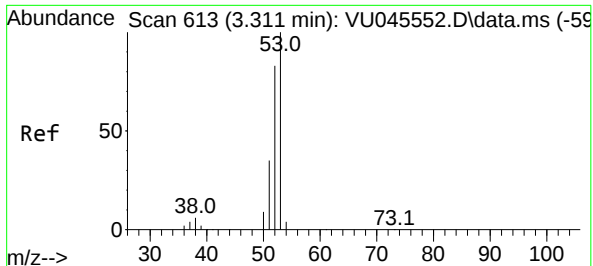
Tgt Ion: 56 Resp: 12489
Ion Ratio Lower Upper
56 100
55 70.3 56.3 84.5



#14
Allyl chloride
Concen: 49.756 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 41 Resp: 100368
Ion Ratio Lower Upper
41 100
39 58.5 49.7 74.5
76 35.5 27.7 41.5

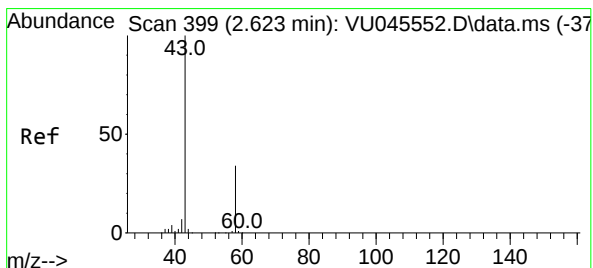
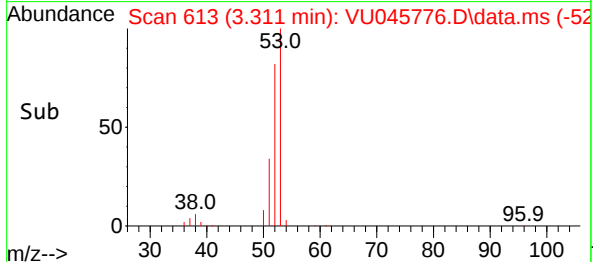
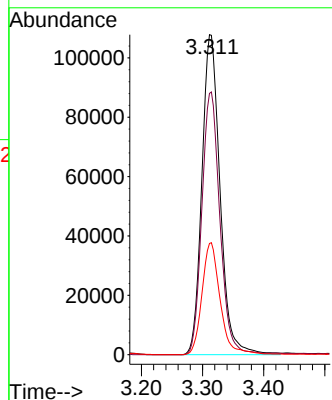
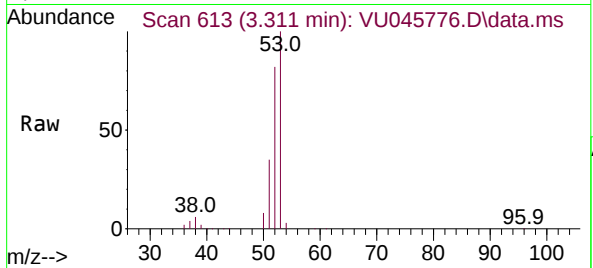




#15
Acrylonitrile
Concen: 274.270 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

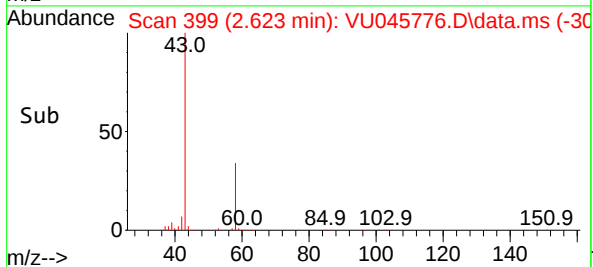
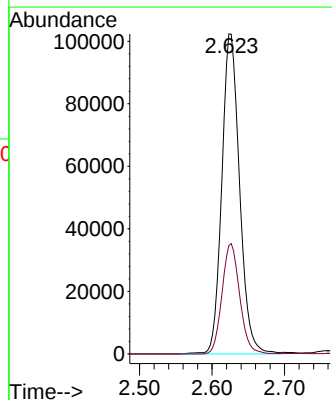
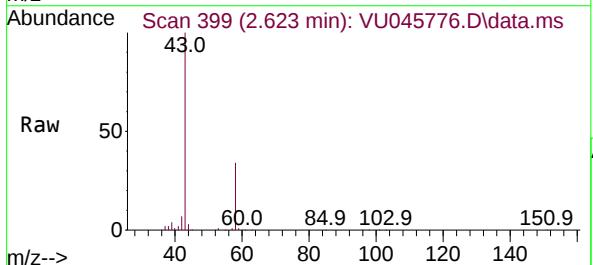
Instrument :
MSVOA_U
ClientSampleId :

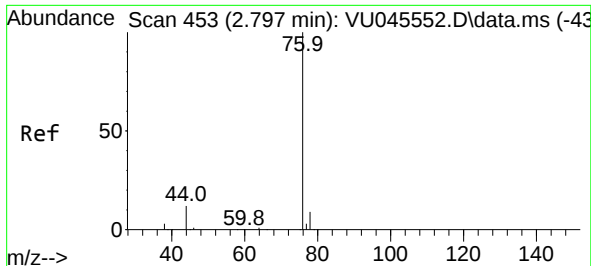
Tgt Ion: 53 Resp: 222893
Ion Ratio Lower Upper
53 100
52 81.3 66.6 100.0
51 35.1 28.4 42.6



#16
Acetone
Concen: 222.715 ug/l
RT: 2.623 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 43 Resp: 174348
Ion Ratio Lower Upper
43 100
58 33.9 26.2 39.2

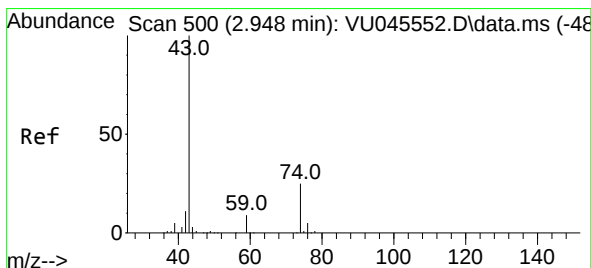
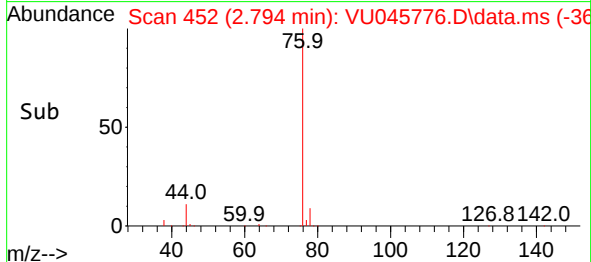
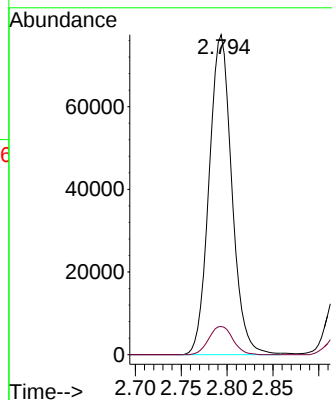
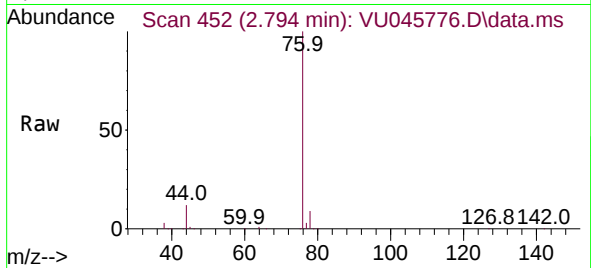




#17
Carbon Disulfide
Concen: 42.133 ug/l
RT: 2.794 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

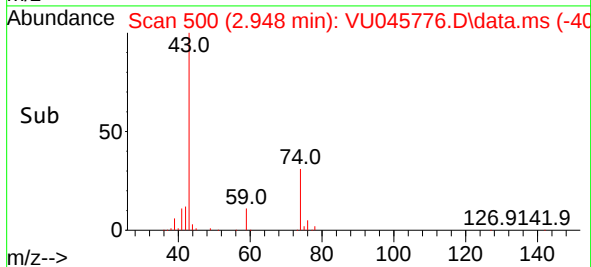
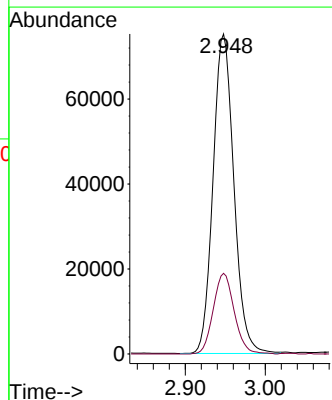
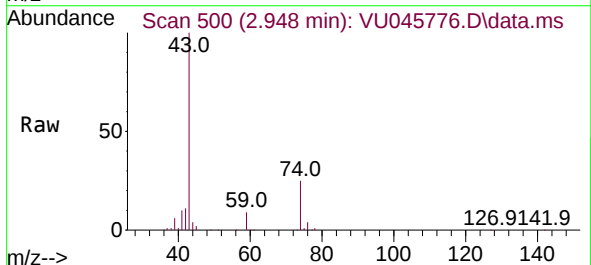
Instrument :
MSVOA_U
ClientSampleId :

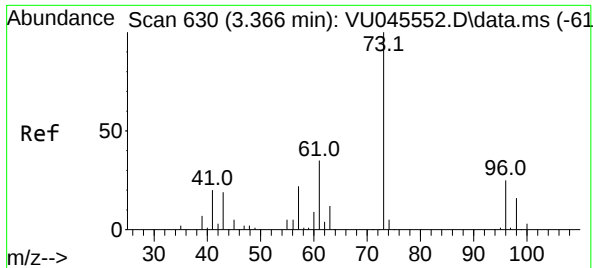
Tgt Ion: 76 Resp: 133322
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 50.939 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 43 Resp: 135820
Ion Ratio Lower Upper
43 100
74 25.5 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 51.996 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

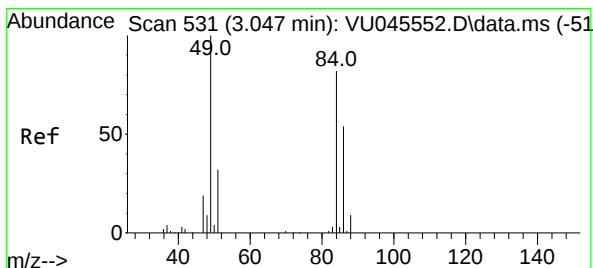
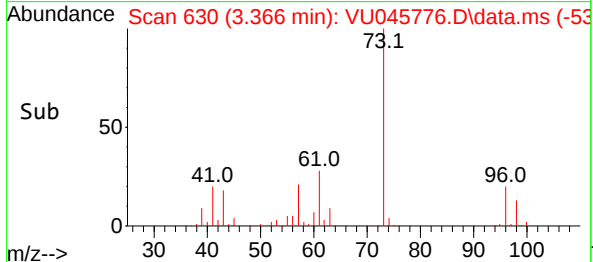
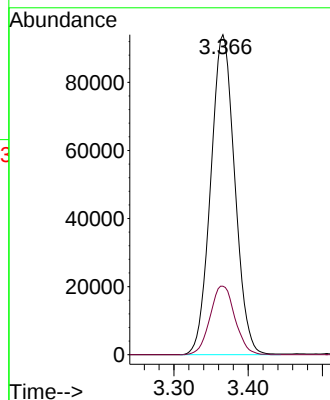
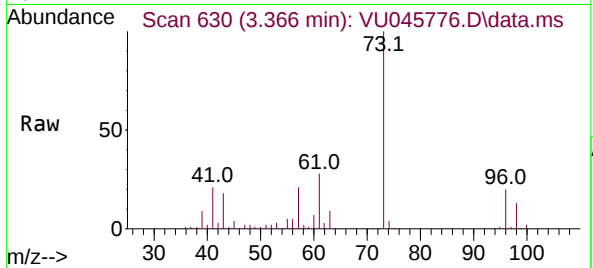
ClientSampleId :

Tgt Ion: 73 Resp: 211445

Ion Ratio Lower Upper

73 100

57 21.4 18.1 27.1



#20

Methylene Chloride

Concen: 49.544 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Tgt Ion: 84 Resp: 67391

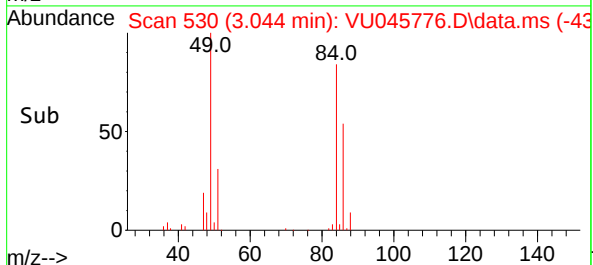
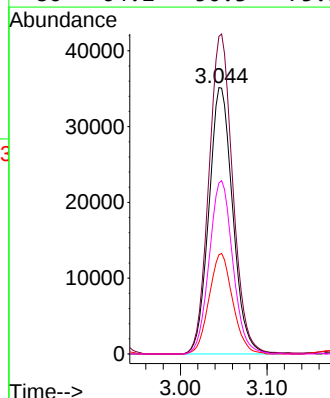
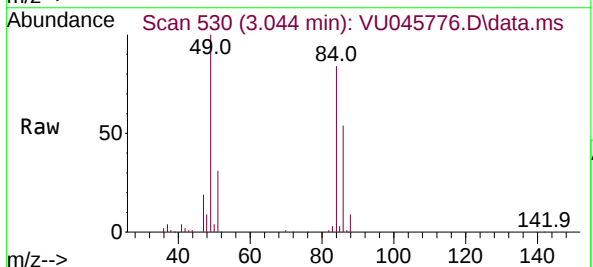
Ion Ratio Lower Upper

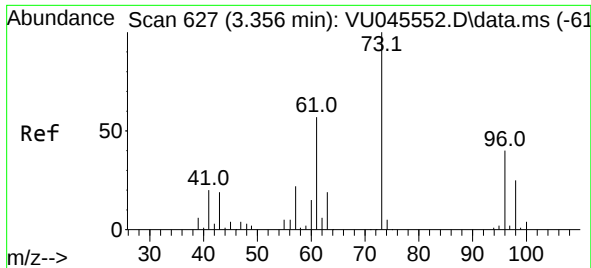
84 100

49 119.2 96.4 144.6

51 37.3 30.5 45.7

86 64.2 50.3 75.5

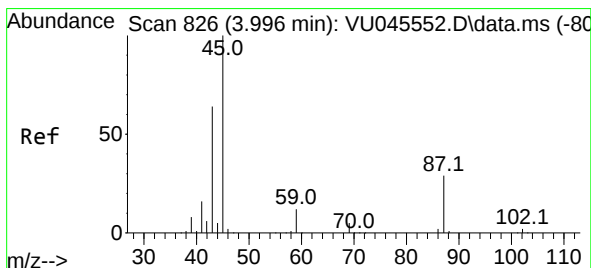
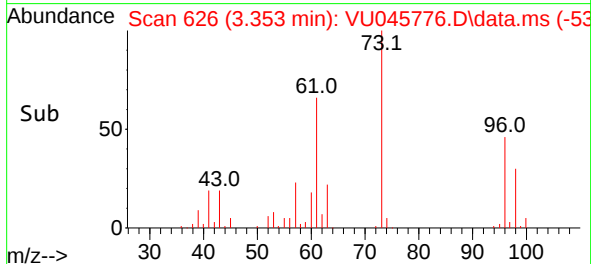
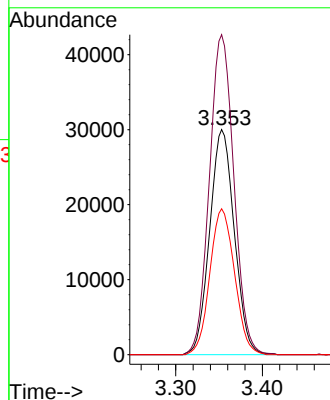
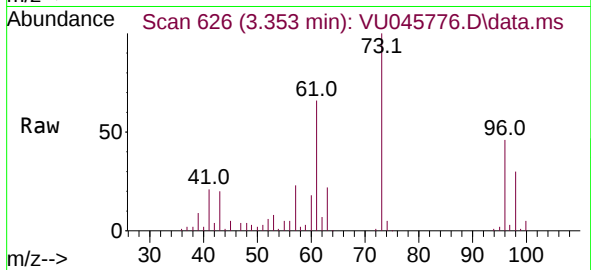




#21
trans-1,2-Dichloroethene
Concen: 50.564 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

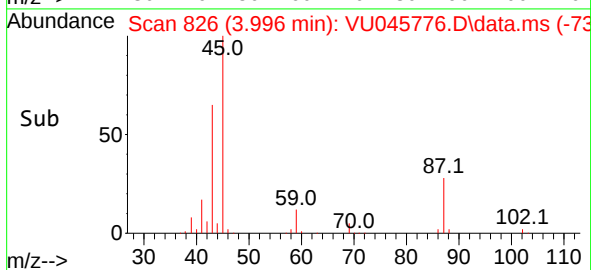
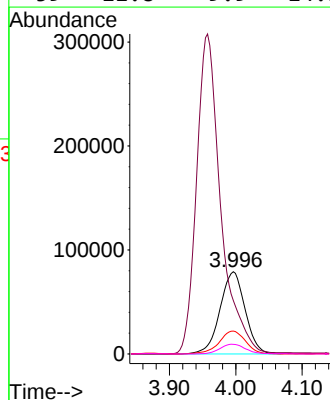
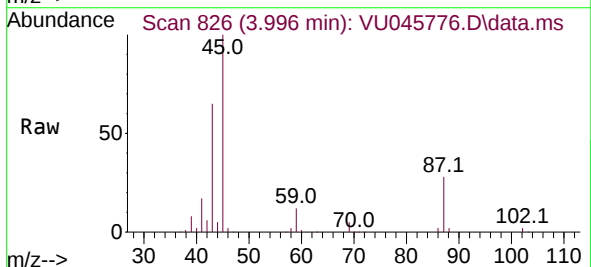
Instrument :
MSVOA_U
ClientSampleId :

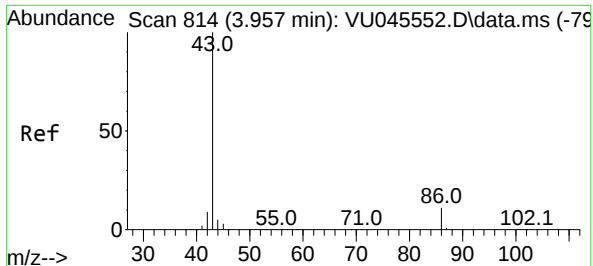
Tgt Ion: 96 Resp: 59427
Ion Ratio Lower Upper
96 100
61 142.1 118.2 177.4
98 64.8 52.1 78.1



#22
Diisopropyl ether
Concen: 52.567 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 45 Resp: 208206
Ion Ratio Lower Upper
45 100
43 63.3 60.0 90.0
87 27.9 22.3 33.5
59 11.8 9.9 14.9

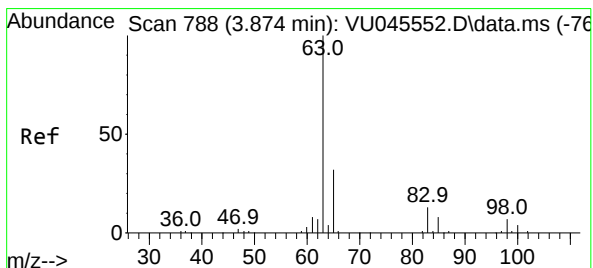
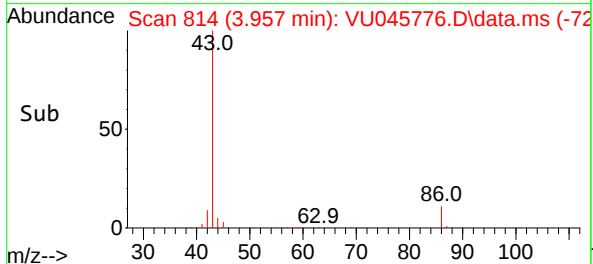
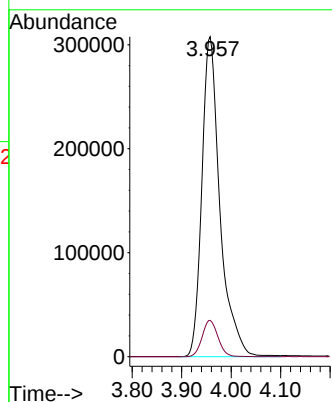
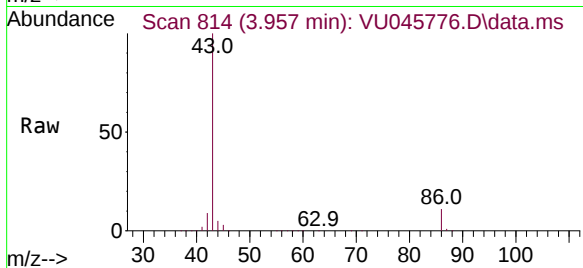




#23
 Vinyl Acetate
 Concen: 256.974 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

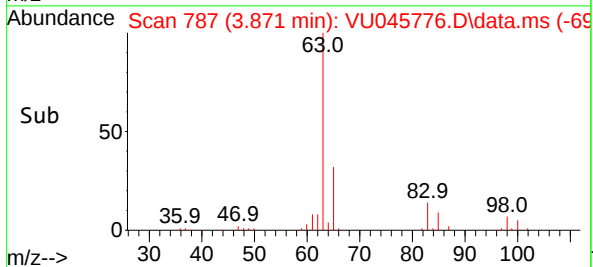
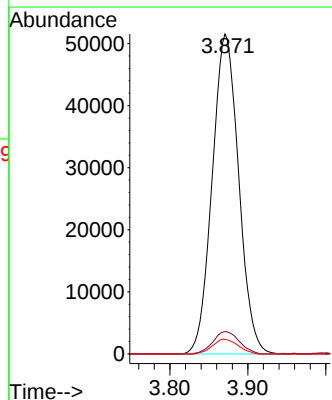
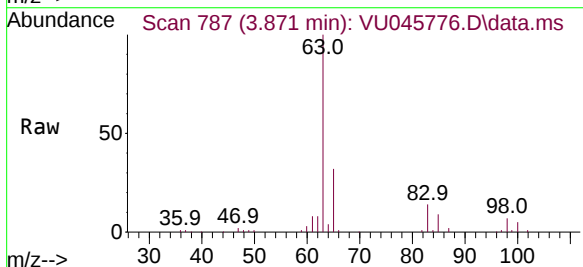
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 43 Resp: 782817
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 51.547 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045776.D
 Acq: 12 Nov 2021 17:53

Tgt Ion: 63 Resp: 121663
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 266.591 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

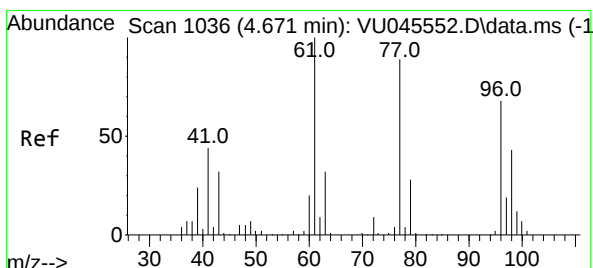
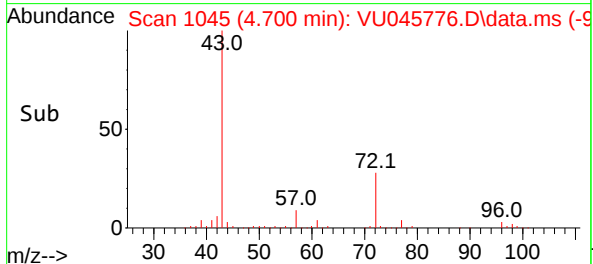
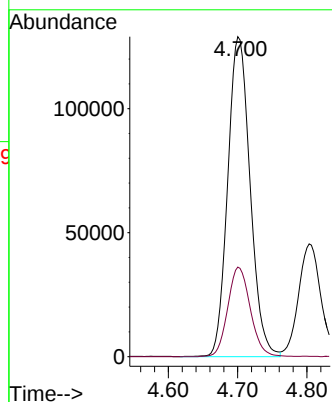
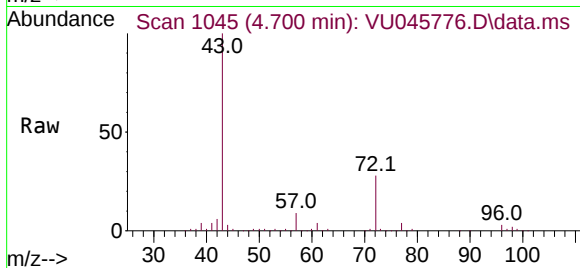
ClientSampleId :

Tgt Ion: 43 Resp: 289452

Ion Ratio Lower Upper

43 100

72 28.0 22.0 33.0



#26

2,2-Dichloropropane

Concen: 47.915 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045776.D

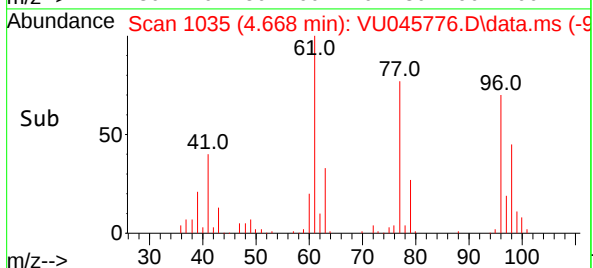
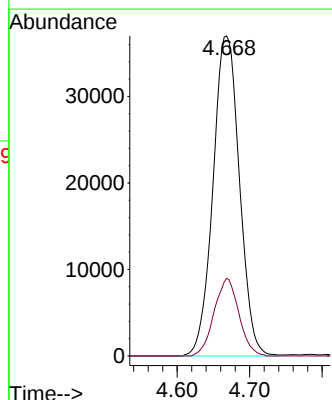
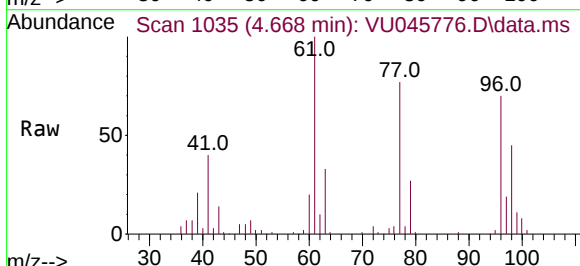
Acq: 12 Nov 2021 17:53

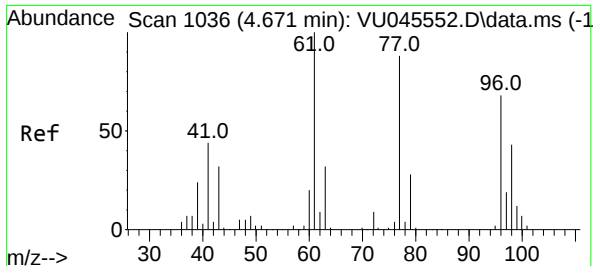
Tgt Ion: 77 Resp: 93713

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 53.038 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

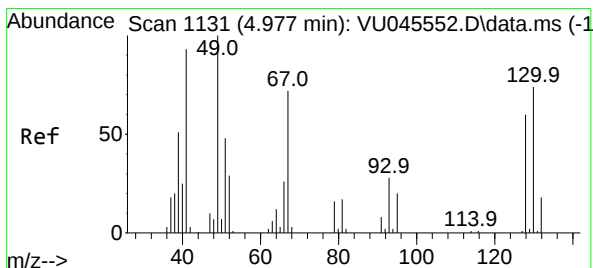
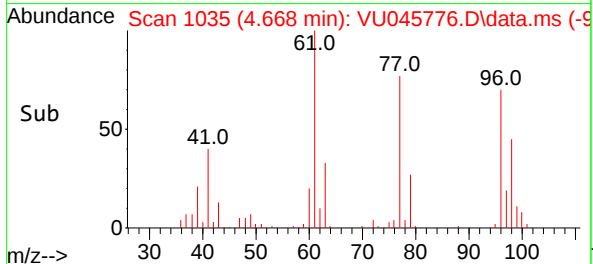
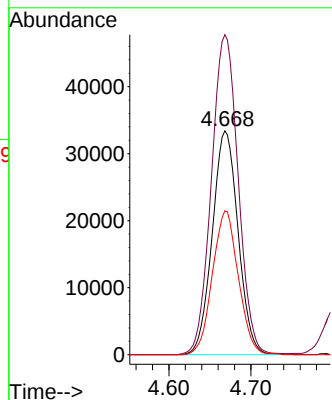
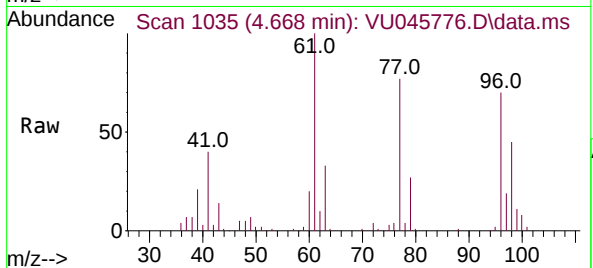
Tgt Ion: 96 Resp: 73214

Ion Ratio Lower Upper

96 100

61 148.1 0.0 299.2

98 64.5 0.0 127.6



#28

Bromochloromethane

Concen: 53.461 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

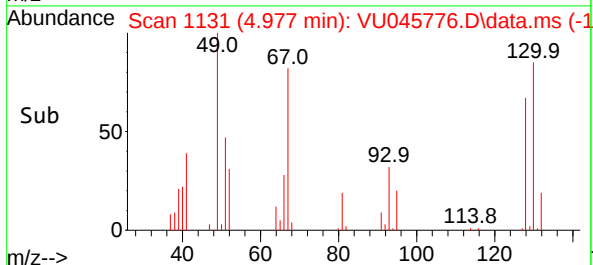
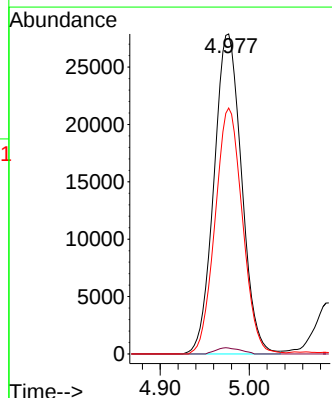
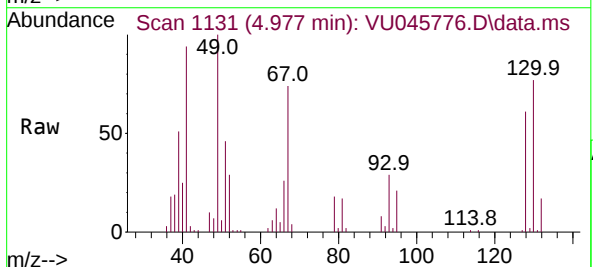
Tgt Ion: 49 Resp: 60156

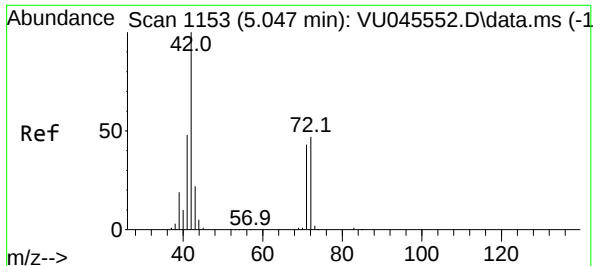
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 76.0 57.5 86.3

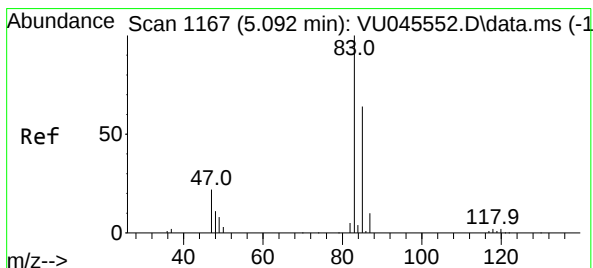
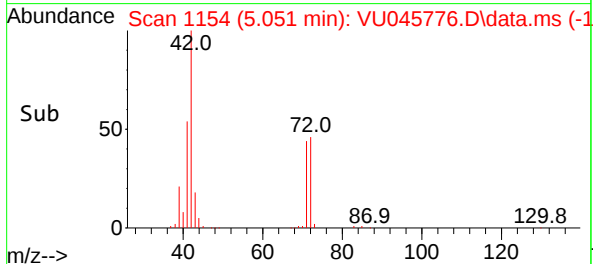
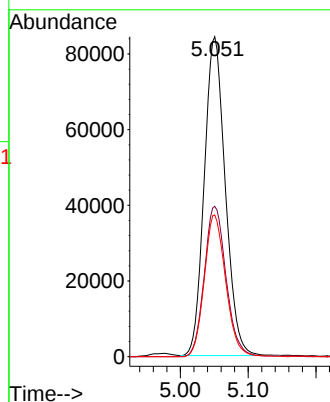
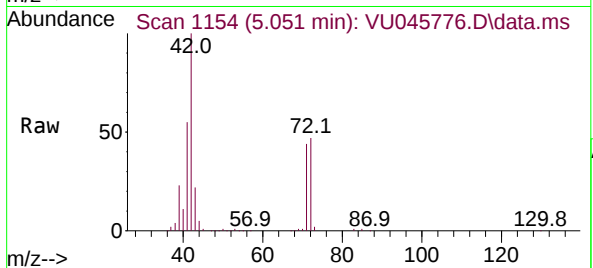




#29
Tetrahydrofuran
Concen: 273.430 ug/l
RT: 5.051 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

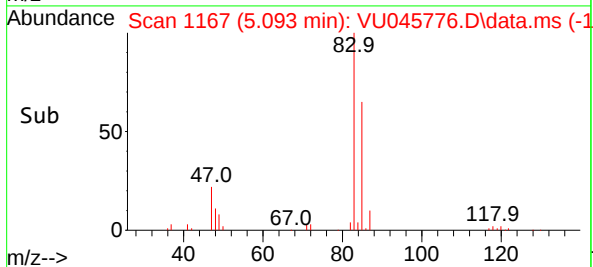
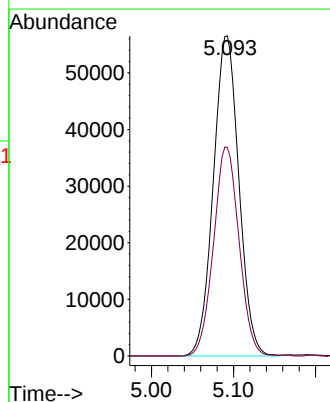
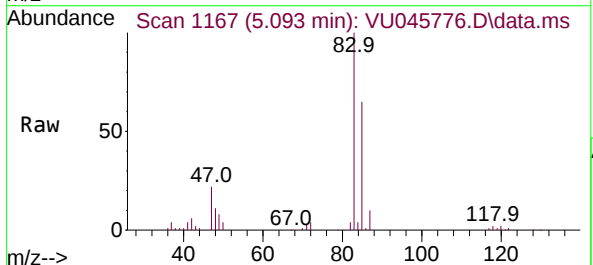
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 42 Resp: 181595
Ion Ratio Lower Upper
42 100
72 48.9 38.2 57.4
71 45.3 35.4 53.2



#30
Chloroform
Concen: 52.491 ug/l
RT: 5.093 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 83 Resp: 122529
Ion Ratio Lower Upper
83 100
85 65.2 52.0 78.0





#31

Cyclohexane

Concen: 45.145 ug/l

RT: 5.392 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

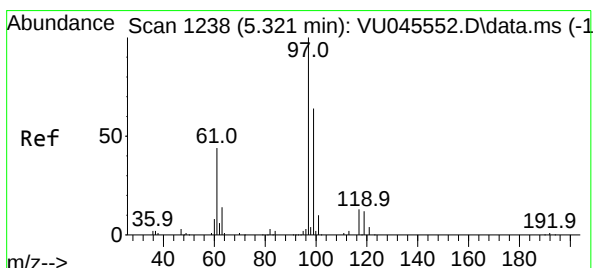
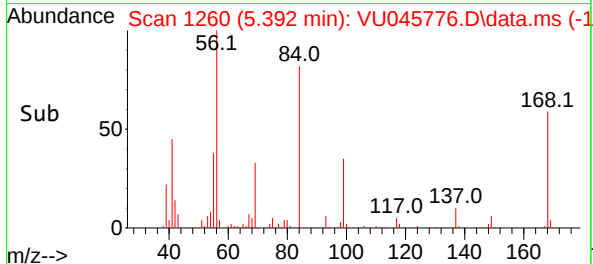
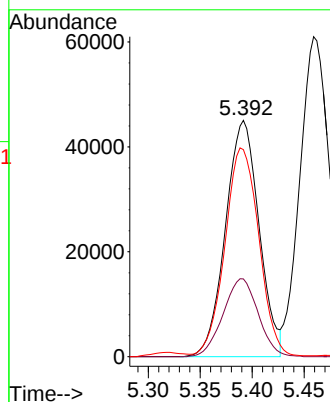
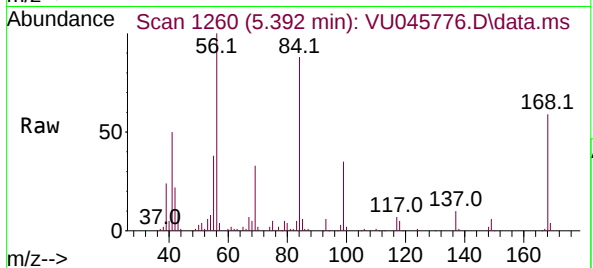
Tgt Ion: 56 Resp: 101298

Ion Ratio Lower Upper

56 100

69 32.9 26.4 39.6

84 86.3 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 52.738 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

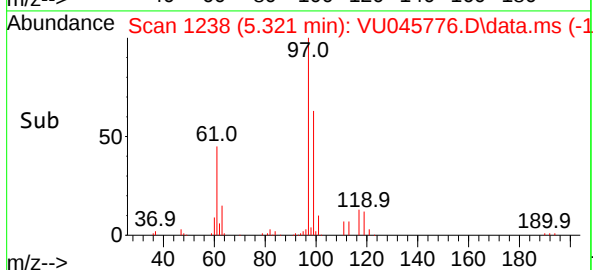
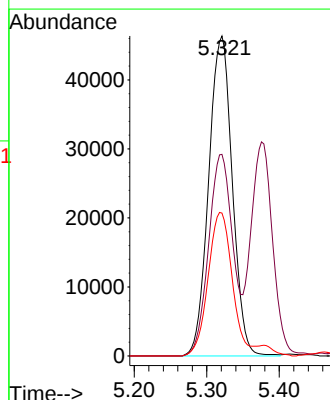
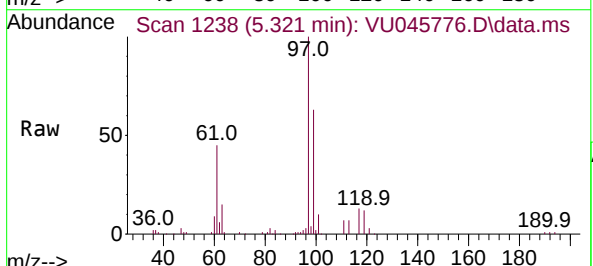
Tgt Ion: 97 Resp: 104981

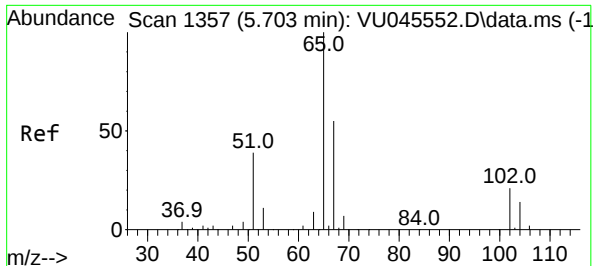
Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 46.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 46.601 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

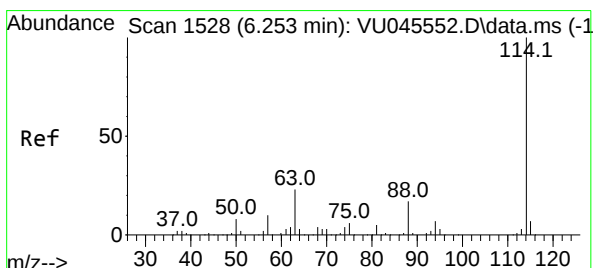
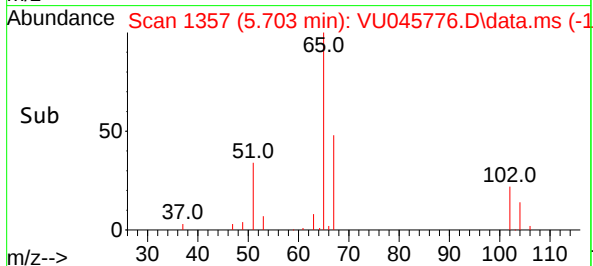
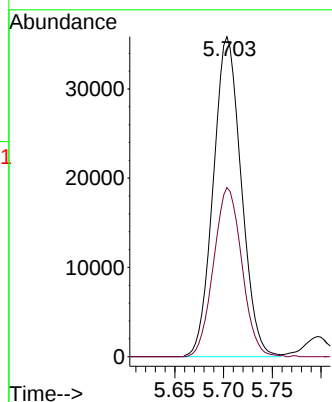
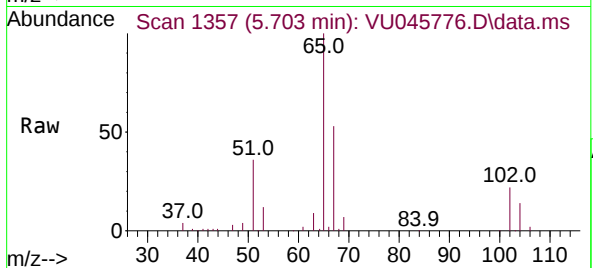
ClientSampleId :

Tgt Ion: 65 Resp: 71664

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

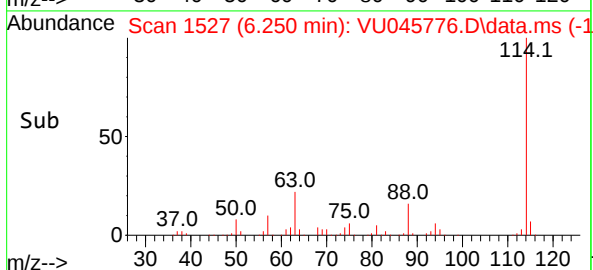
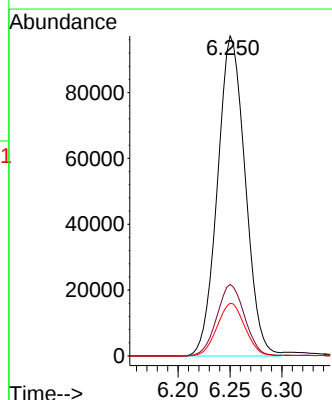
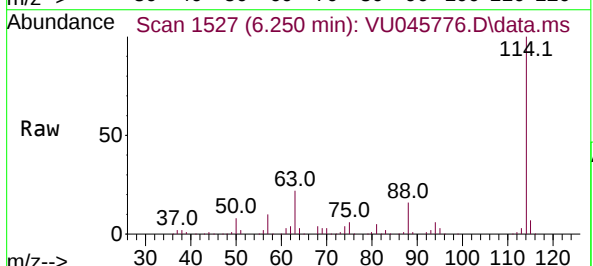
Tgt Ion: 114 Resp: 180336

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.490 ug/l

RT: 5.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

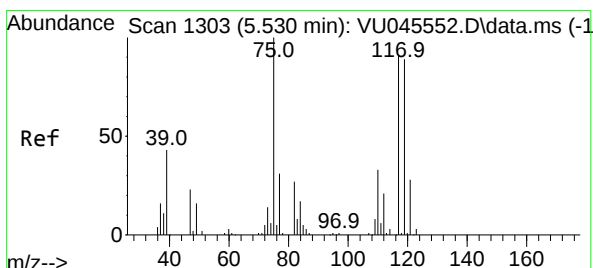
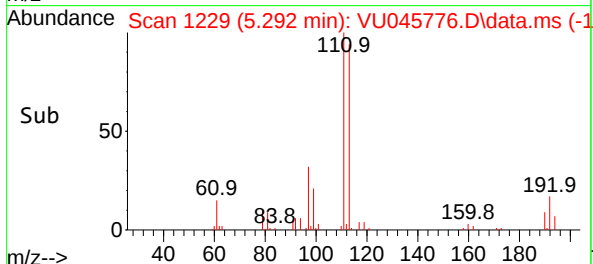
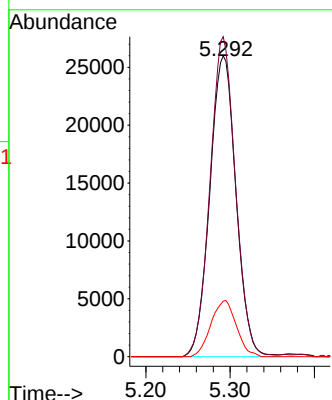
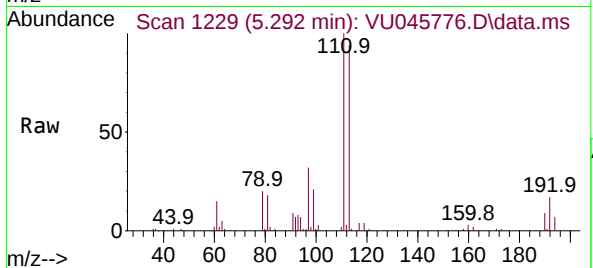
Tgt Ion:113 Resp: 55974

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 48.873 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

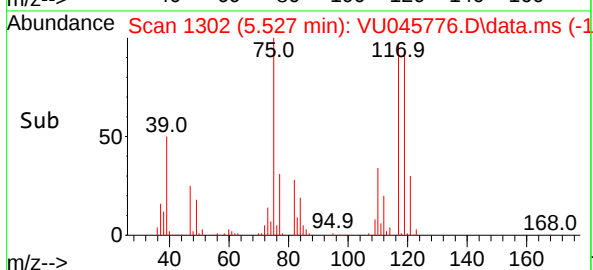
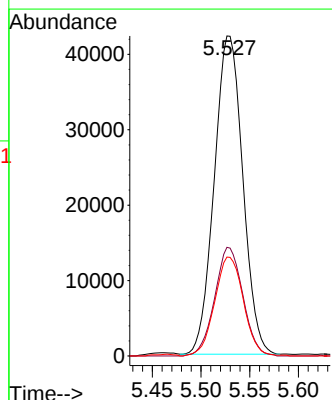
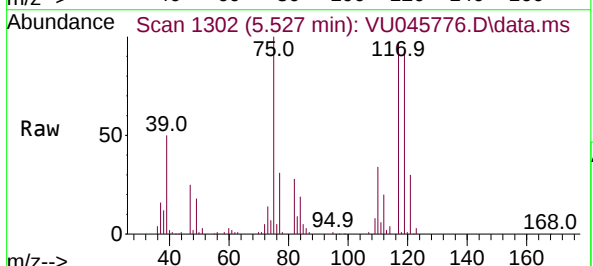
Tgt Ion: 75 Resp: 85938

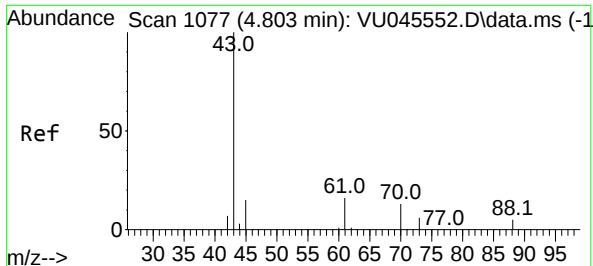
Ion Ratio Lower Upper

75 100

110 33.6 16.7 50.0

77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 50.496 ug/l

RT: 4.803 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

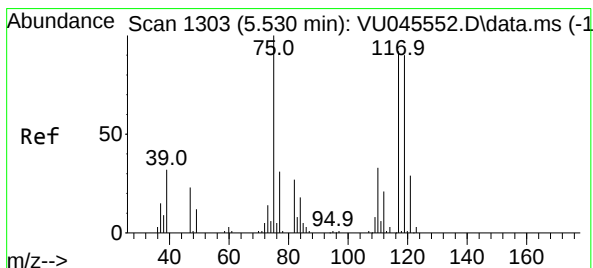
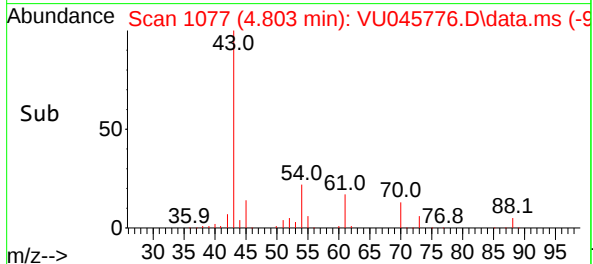
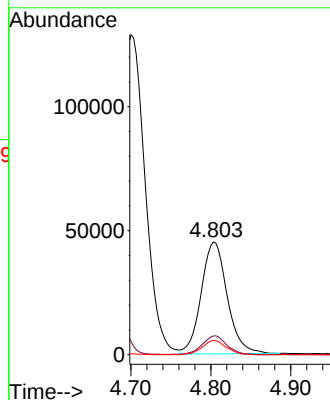
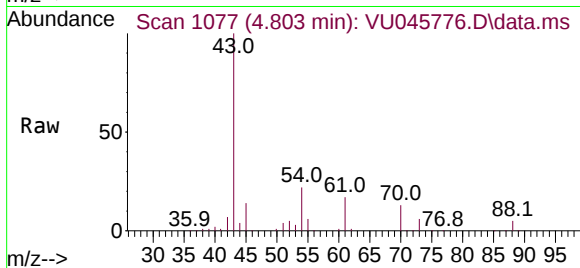
Tgt Ion: 43 Resp: 101998

Ion Ratio Lower Upper

43 100

61 16.2 11.6 17.4

70 11.8 9.1 13.7



#38

Carbon Tetrachloride

Concen: 50.877 ug/l

RT: 5.527 min Scan# 1302

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

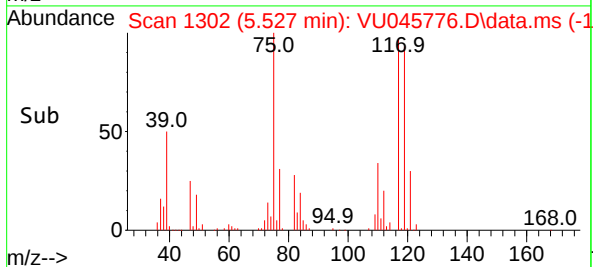
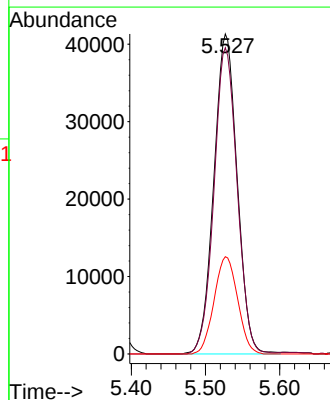
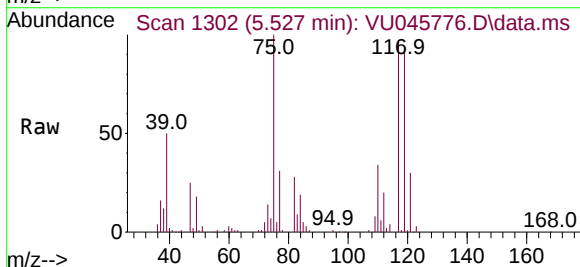
Tgt Ion: 117 Resp: 90194

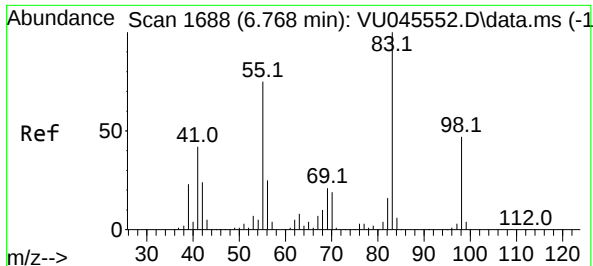
Ion Ratio Lower Upper

117 100

119 95.7 77.4 116.0

121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 47.069 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

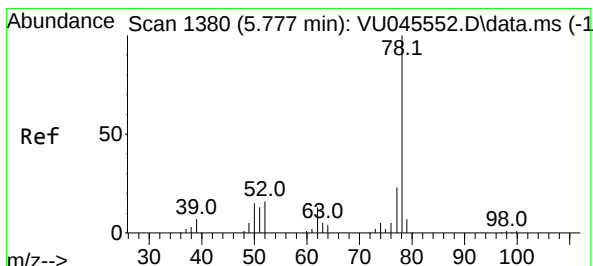
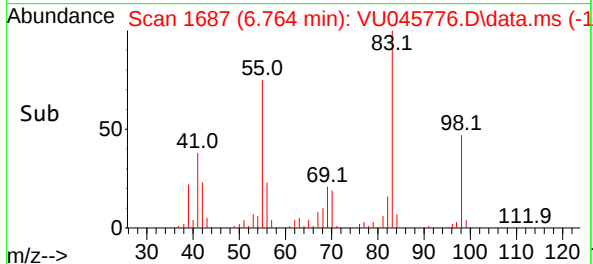
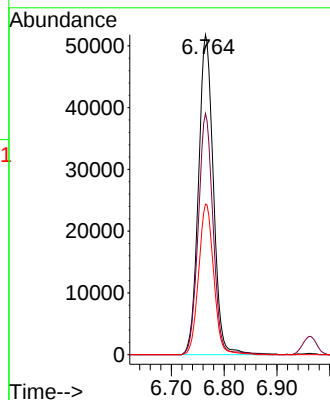
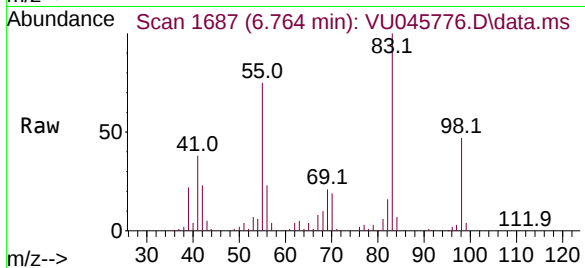
Tgt Ion: 83 Resp: 101539

Ion Ratio Lower Upper

83 100

55 75.4 63.6 95.4

98 47.1 37.1 55.7



#40

Benzene

Concen: 50.154 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045776.D

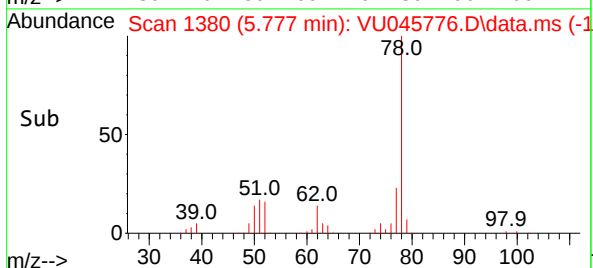
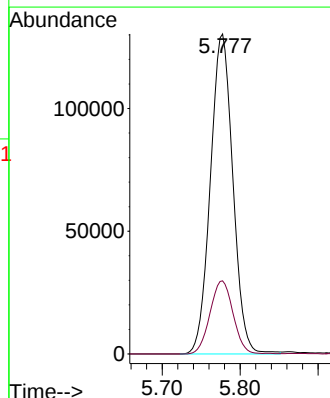
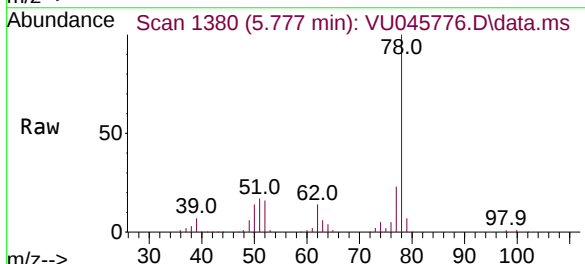
Acq: 12 Nov 2021 17:53

Tgt Ion: 78 Resp: 261105

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.4





#41

Methacrylonitrile

Concen: 54.476 ug/l

RT: 4.974 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 58150

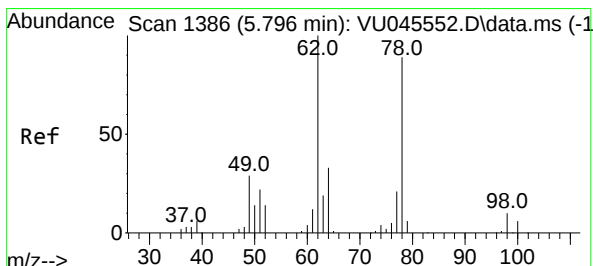
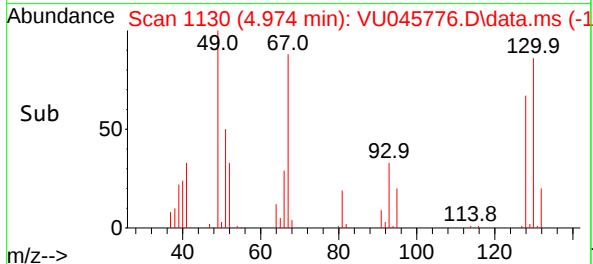
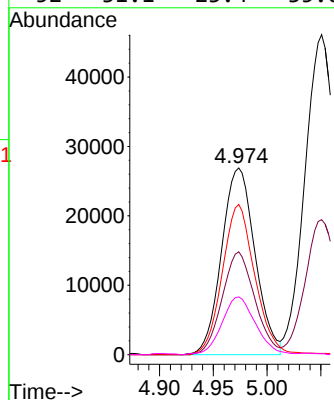
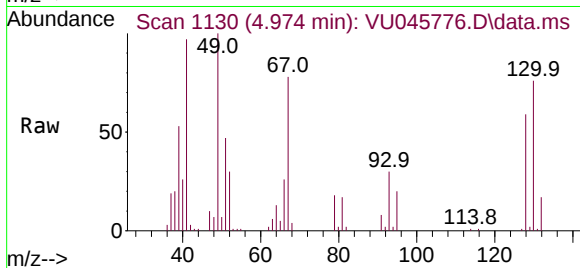
Ion Ratio Lower Upper

41 100

39 53.8 43.4 65.0

67 78.8 61.0 91.4

52 31.1 23.4 35.0



#42

1,2-Dichloroethane

Concen: 51.640 ug/l

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU045776.D

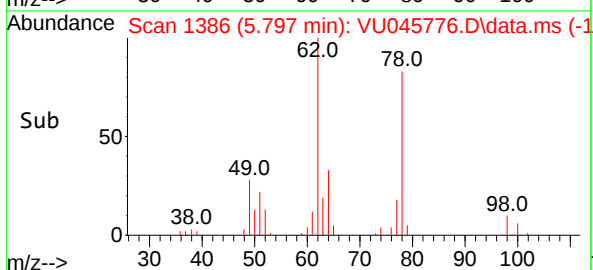
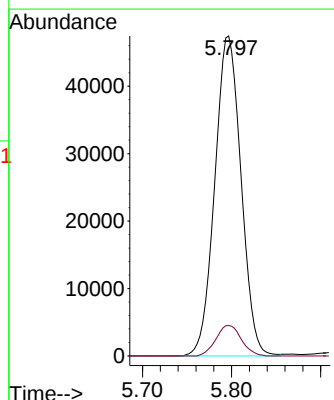
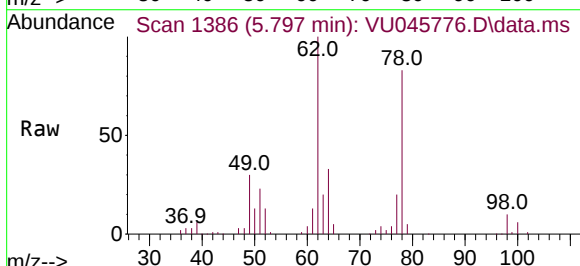
Acq: 12 Nov 2021 17:53

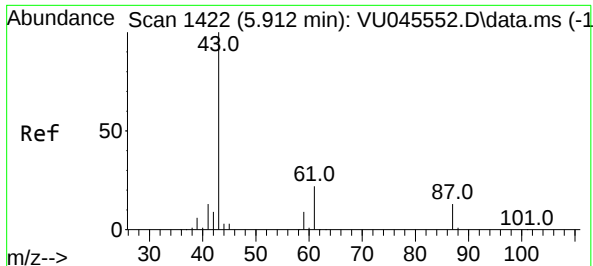
Tgt Ion: 62 Resp: 97107

Ion Ratio Lower Upper

62 100

98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 50.789 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

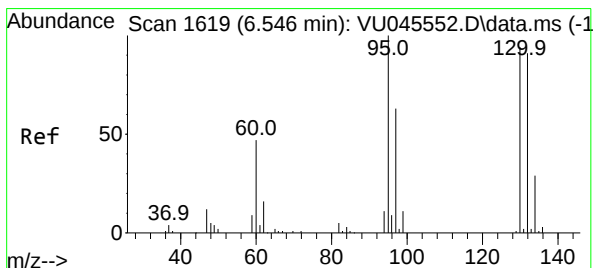
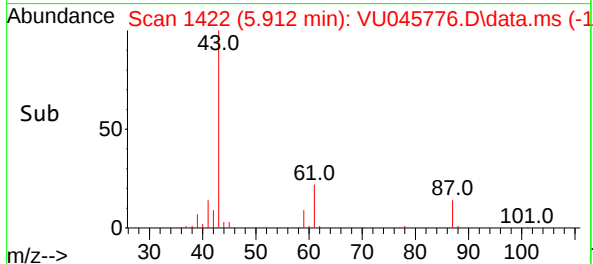
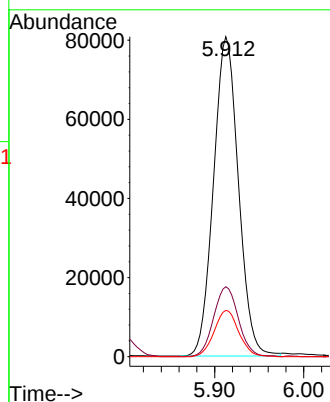
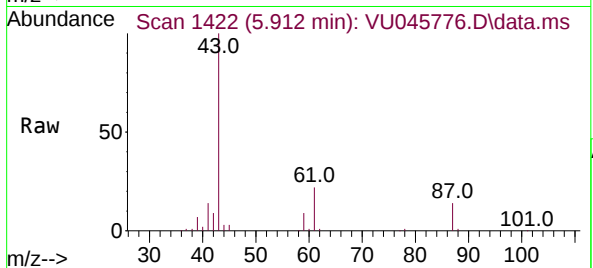
Tgt Ion: 43 Resp: 156913

Ion Ratio Lower Upper

43 100

61 21.9 16.9 25.3

87 14.3 11.0 16.4



#44

Trichloroethene

Concen: 61.365 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU045776.D

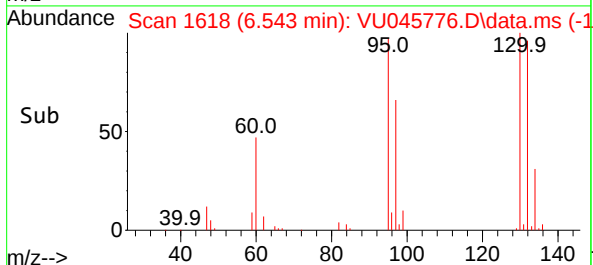
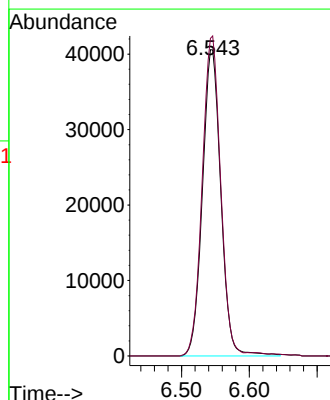
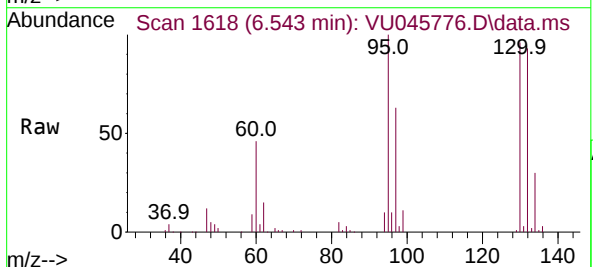
Acq: 12 Nov 2021 17:53

Tgt Ion:130 Resp: 76470

Ion Ratio Lower Upper

130 100

95 103.7 0.0 211.4





#45

1,2-Dichloropropane

Concen: 53.375 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

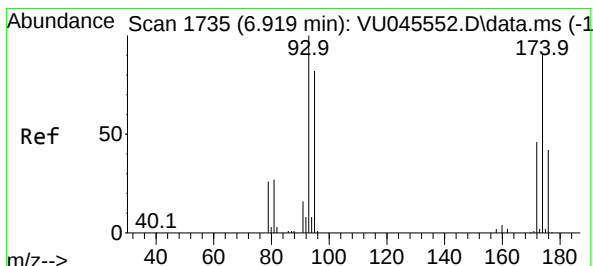
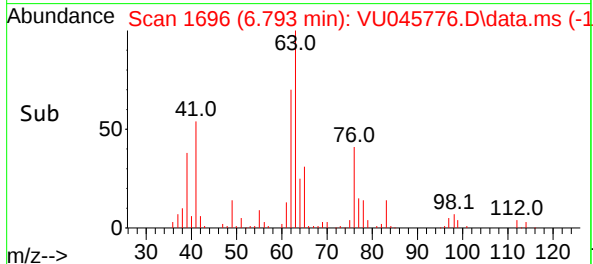
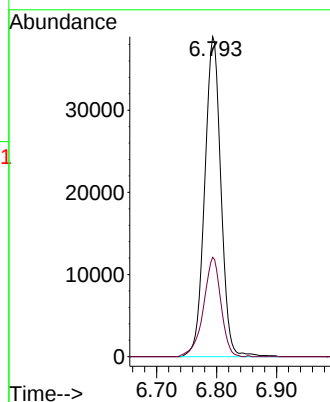
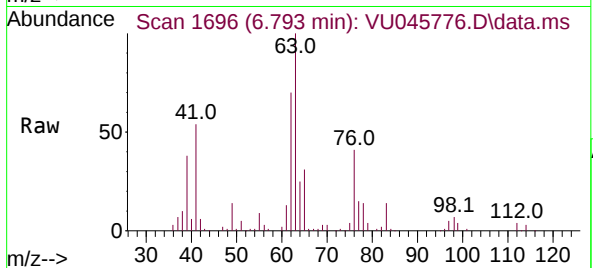
ClientSampleId :

Tgt Ion: 63 Resp: 73525

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



#46

Dibromomethane

Concen: 52.079 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

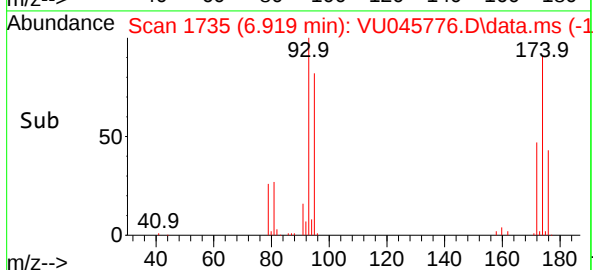
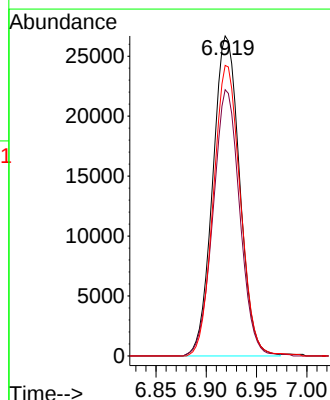
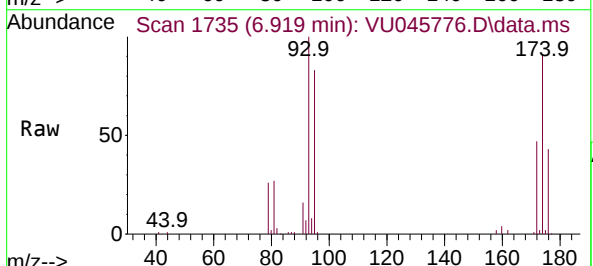
Tgt Ion: 93 Resp: 49707

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.2

174 90.7 71.0 106.6

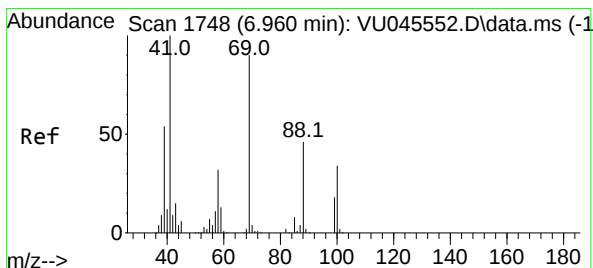
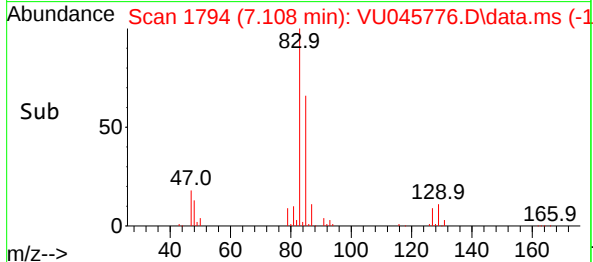
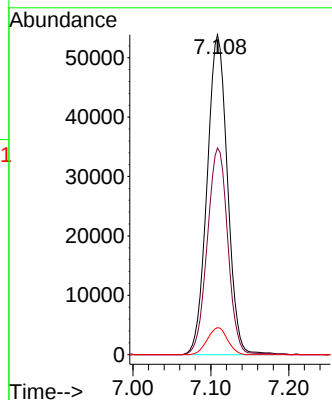
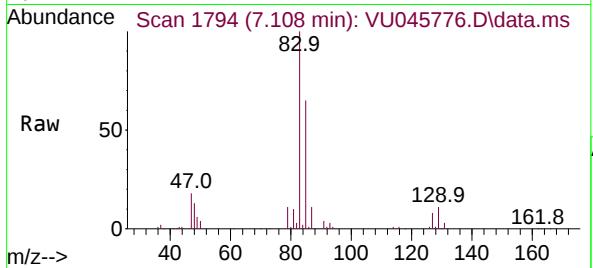




#47
Bromodichloromethane
Concen: 53.957 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

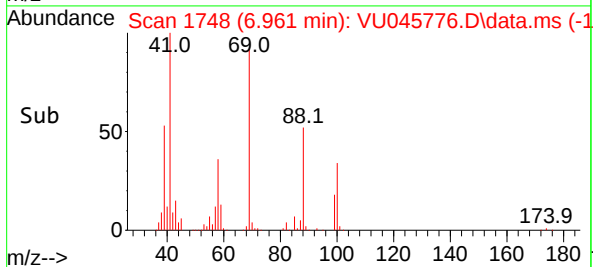
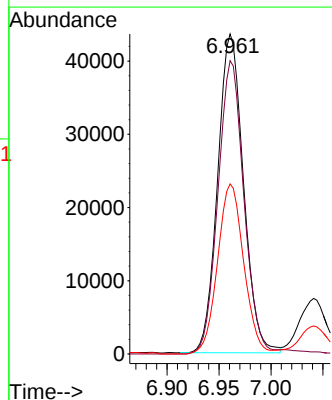
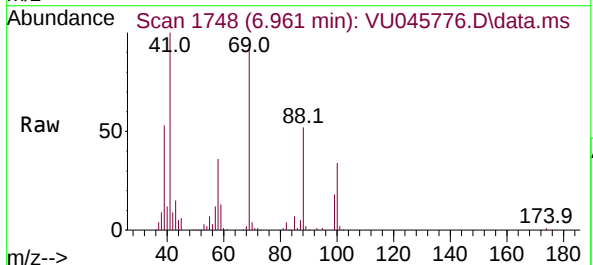
Instrument :
MSVOA_U
ClientSampleId :

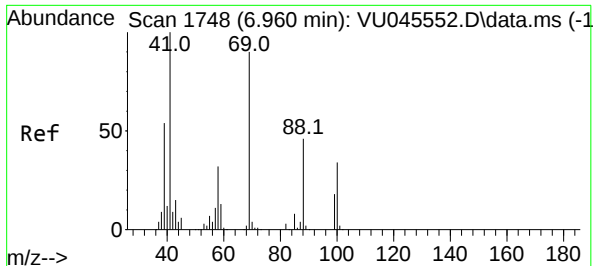
Tgt Ion: 83 Resp: 97718
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.4 6.2 9.2



#48
Methyl methacrylate
Concen: 52.949 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 41 Resp: 75294
Ion Ratio Lower Upper
41 100
69 92.2 70.2 105.2
39 54.1 43.9 65.9





#49

1,4-Dioxane

Concen: 1187.383 ug/l

RT: 6.961 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

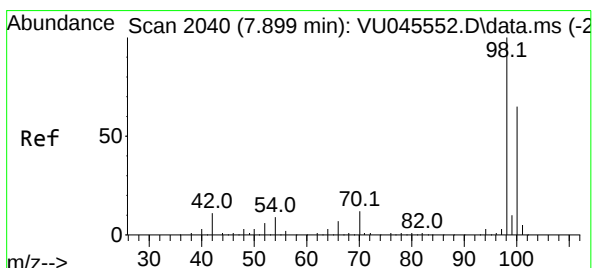
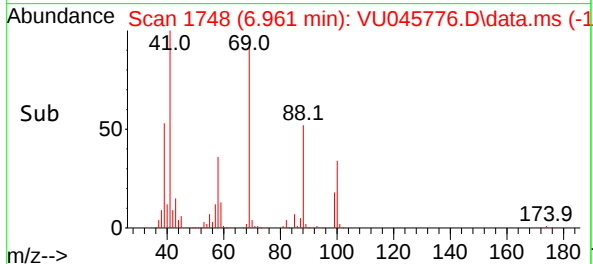
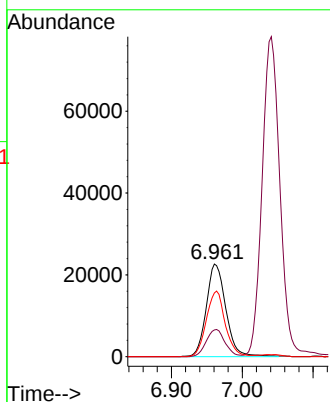
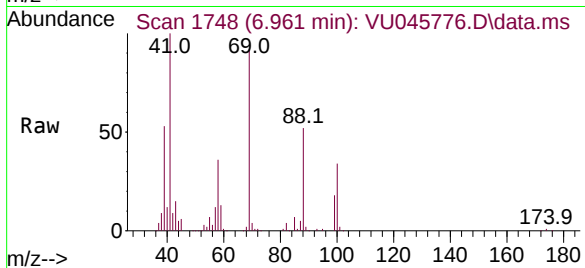
Tgt Ion: 88 Resp: 43422

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 68.4 58.7 88.1



#50

Toluene-d8

Concen: 46.629 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045776.D

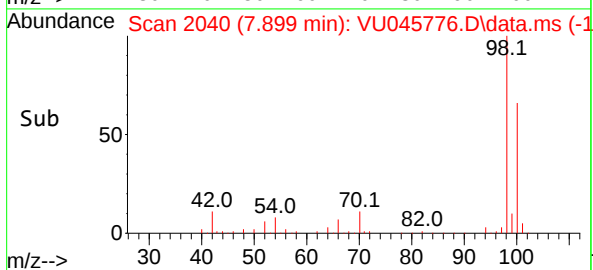
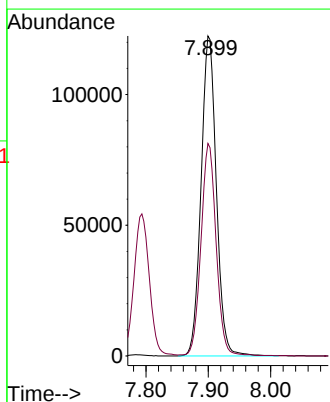
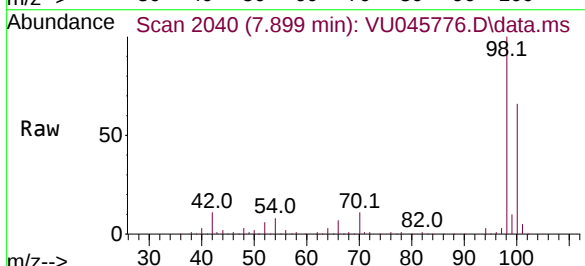
Acq: 12 Nov 2021 17:53

Tgt Ion: 98 Resp: 208762

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 272.298 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

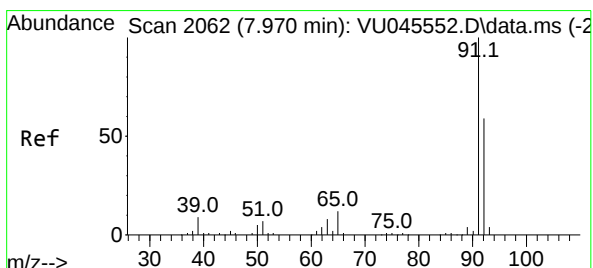
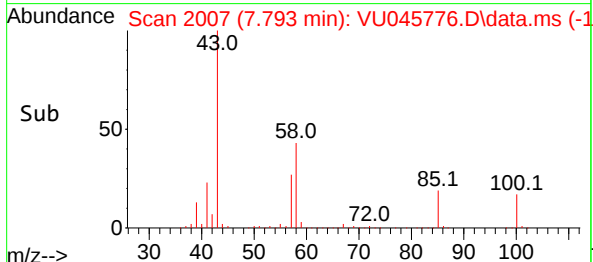
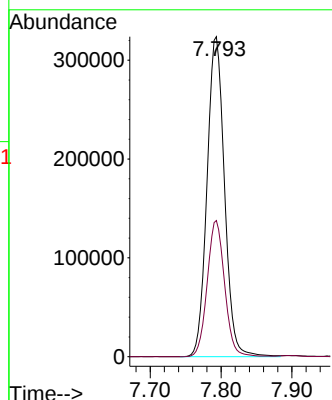
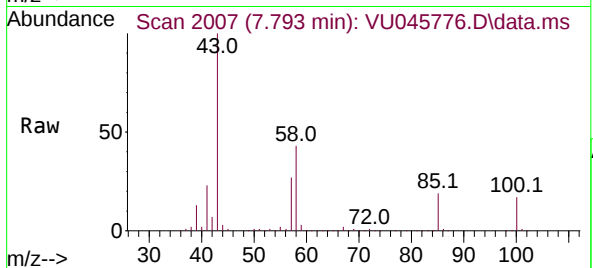
ClientSampleId :

Tgt Ion: 43 Resp: 554953

Ion Ratio Lower Upper

43 100

58 42.4 33.8 50.8



#52

Toluene

Concen: 51.888 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU045776.D

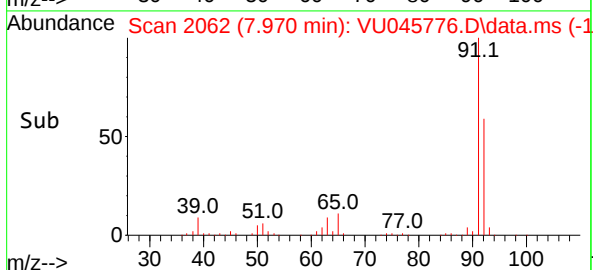
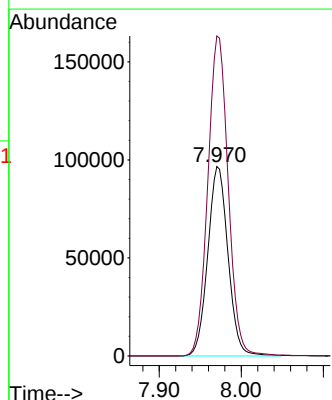
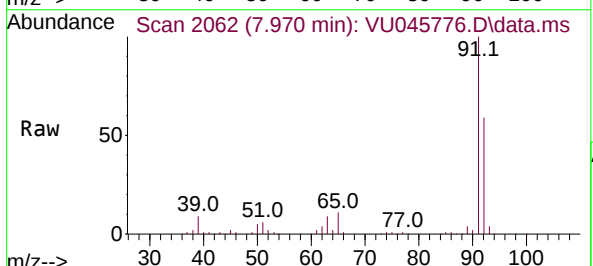
Acq: 12 Nov 2021 17:53

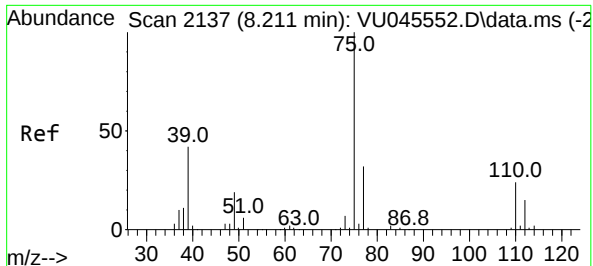
Tgt Ion: 92 Resp: 165381

Ion Ratio Lower Upper

92 100

91 170.6 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 50.532 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

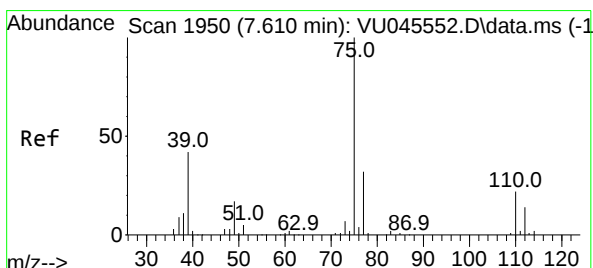
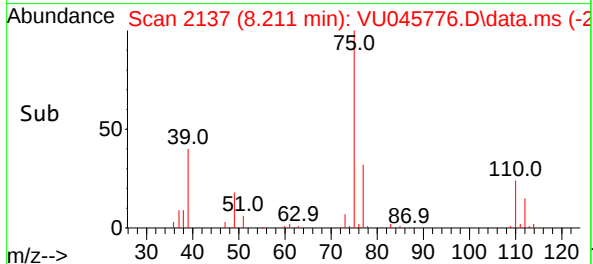
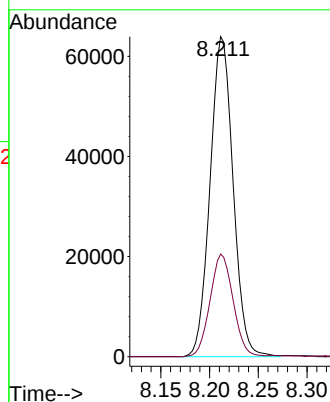
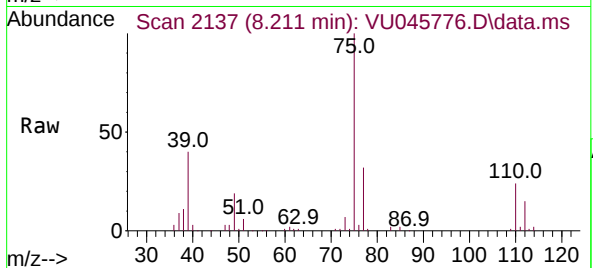
ClientSampleId :

Tgt Ion: 75 Resp: 105176

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 50.420 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

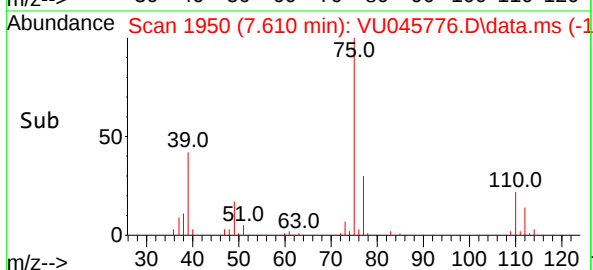
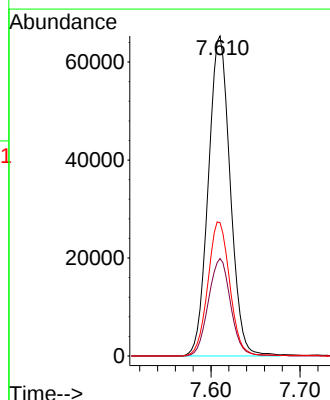
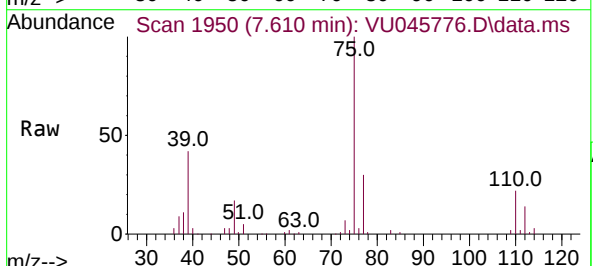
Tgt Ion: 75 Resp: 111465

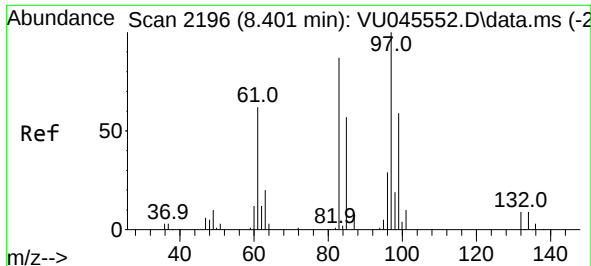
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

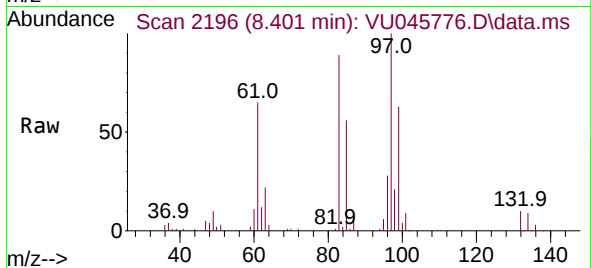
39 41.7 37.1 55.7



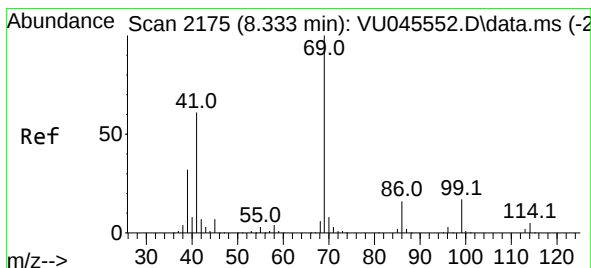
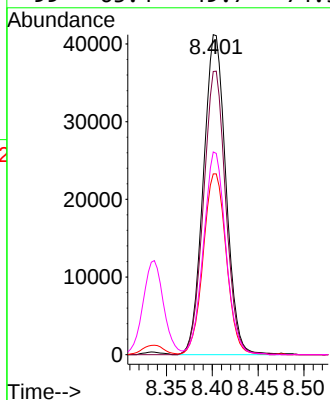
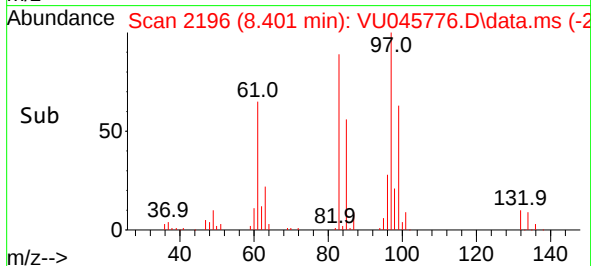


#55
1,1,2-Trichloroethane
Concen: 53.535 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :

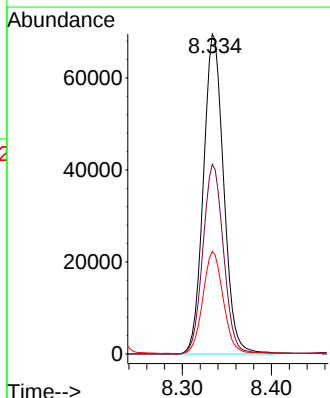
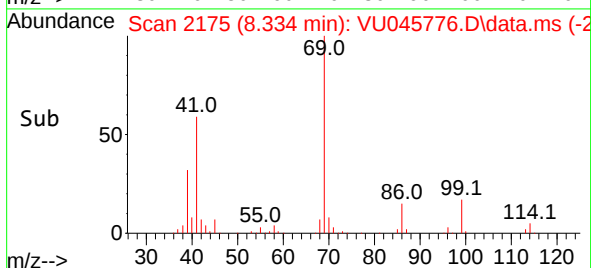
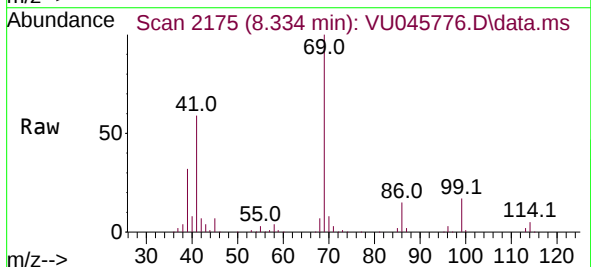


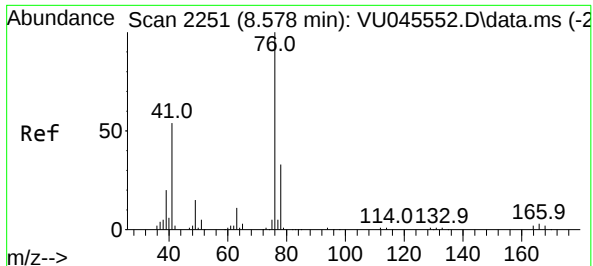
Tgt Ion:	97	Resp:	70717
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.3	105.5
85	56.2	45.5	68.3
99	63.4	49.7	74.5



#56
Ethyl methacrylate
Concen: 46.541 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:	69	Resp:	109854
Ion	Ratio	Lower	Upper
69	100		
41	60.7	51.0	76.4
39	32.9	26.6	39.8





#57

1,3-Dichloropropane

Concen: 52.378 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

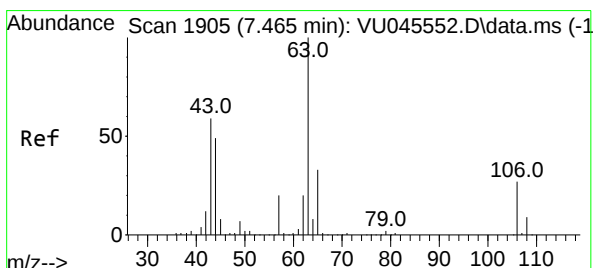
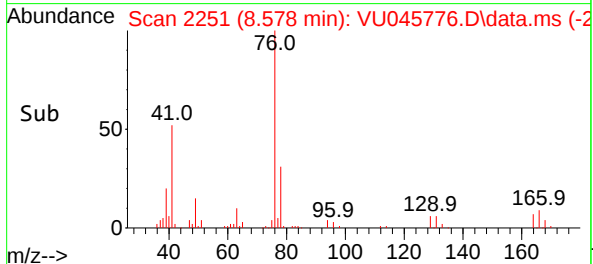
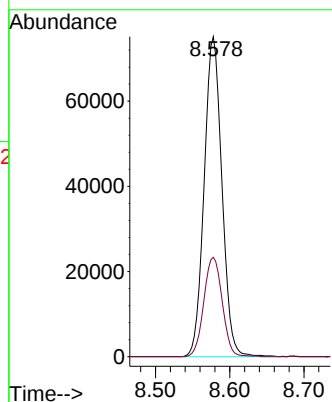
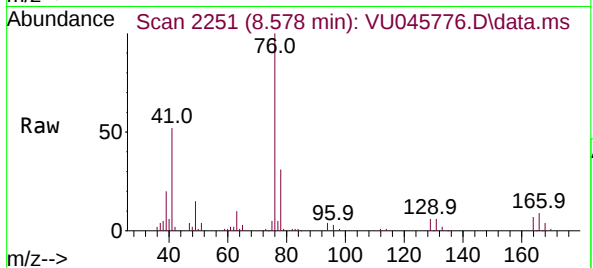
ClientSampleId :

Tgt Ion: 76 Resp: 124616

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.352 ug/l

RT: 7.446 min Scan# 1899

Delta R.T. -0.019 min

Lab File: VU045776.D

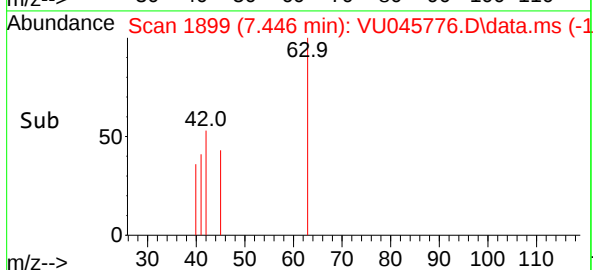
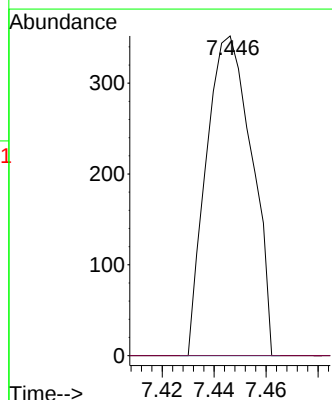
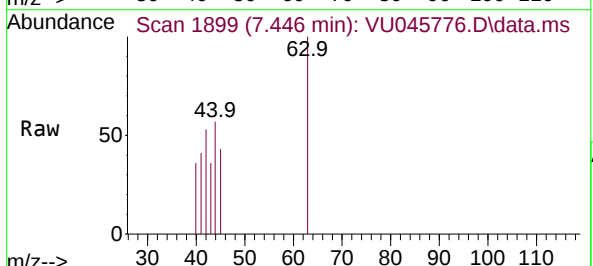
Acq: 12 Nov 2021 17:53

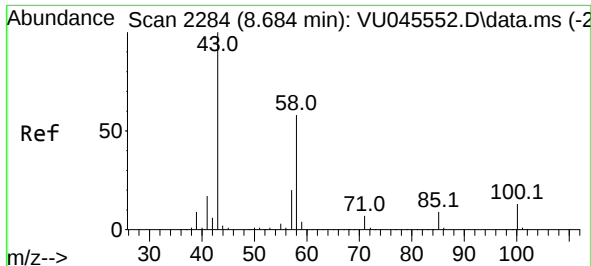
Tgt Ion: 63 Resp: 428

Ion Ratio Lower Upper

63 100

106 0.0 21.0 31.4#





#59

2-Hexanone

Concen: 239.850 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

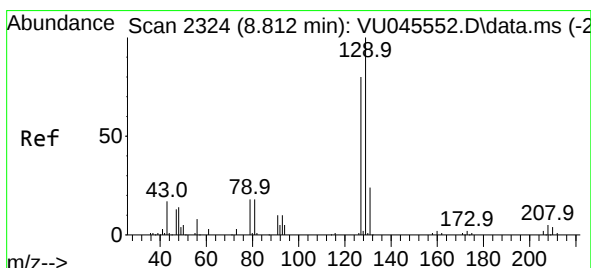
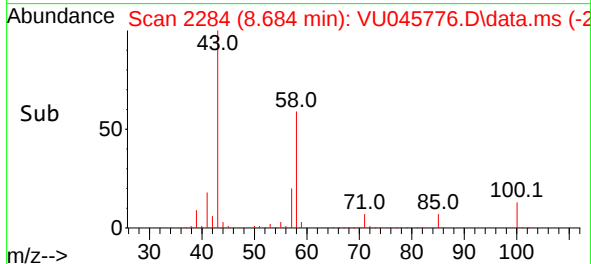
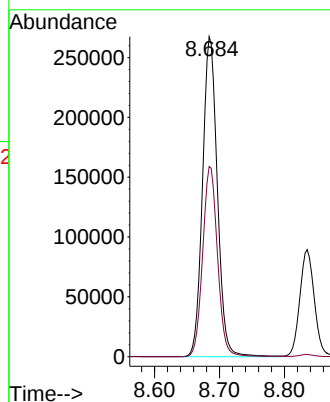
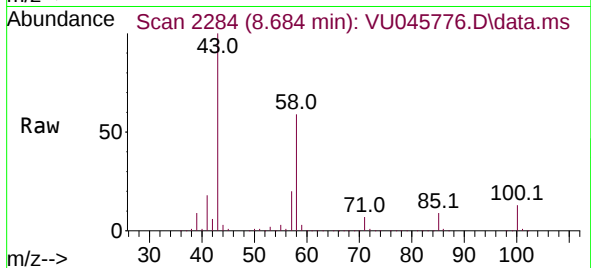
ClientSampleId :

Tgt Ion: 43 Resp: 424781

Ion Ratio Lower Upper

43 100

58 59.5 29.5 88.6



#60

Dibromochloromethane

Concen: 54.380 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045776.D

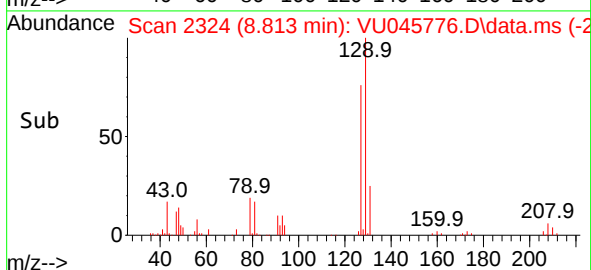
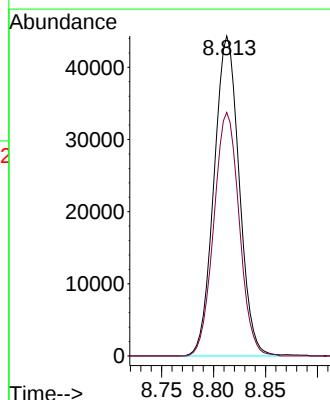
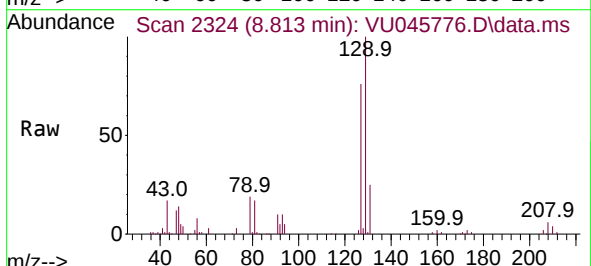
Acq: 12 Nov 2021 17:53

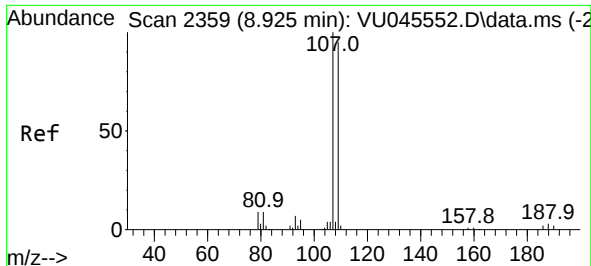
Tgt Ion:129 Resp: 74800

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.3

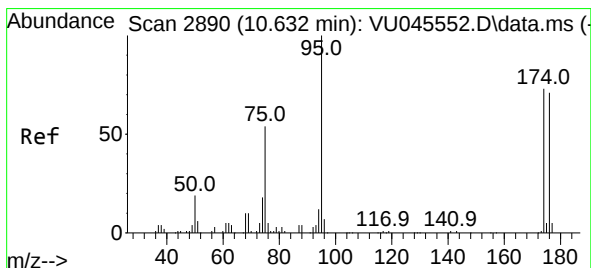
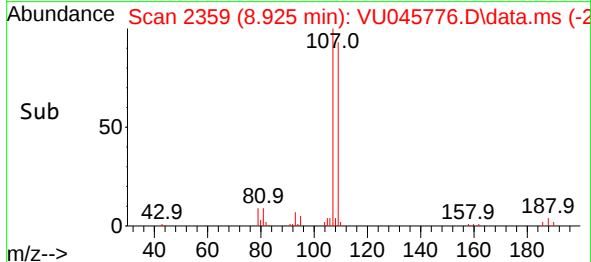
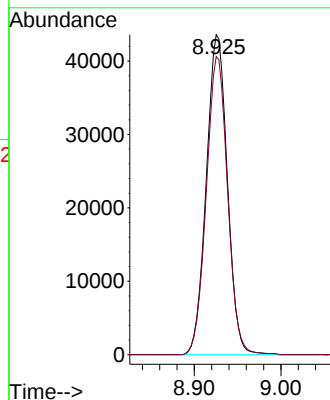
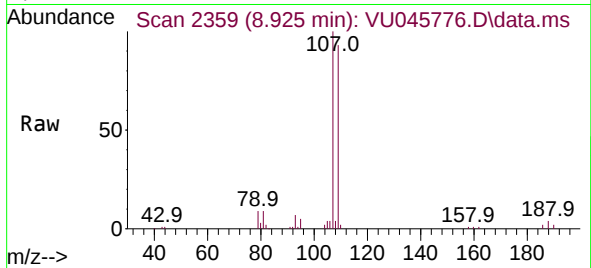




#61
1,2-Dibromoethane
Concen: 51.990 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

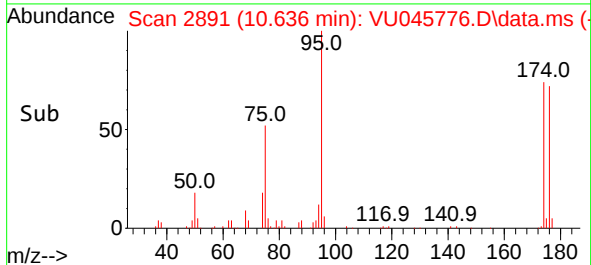
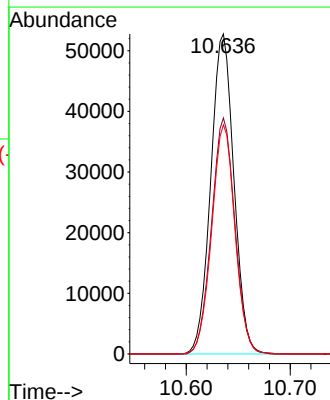
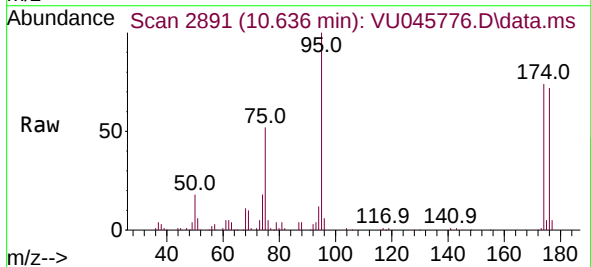
Instrument :
MSVOA_U
ClientSampleId :

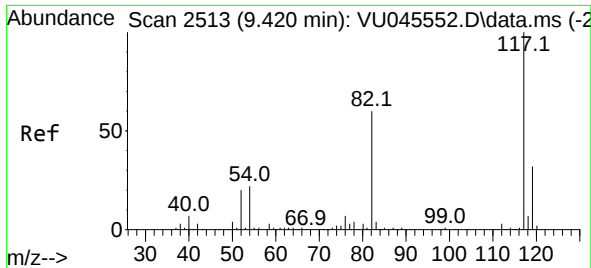
Tgt Ion:107 Resp: 73657
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 45.519 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 95 Resp: 81720
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 71.9 0.0 138.2

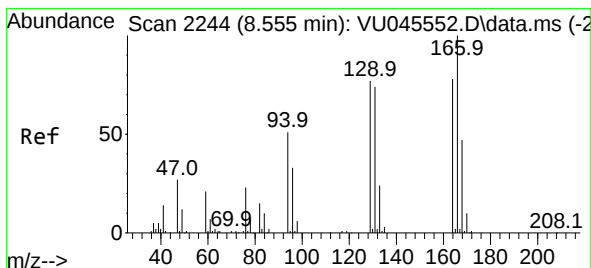
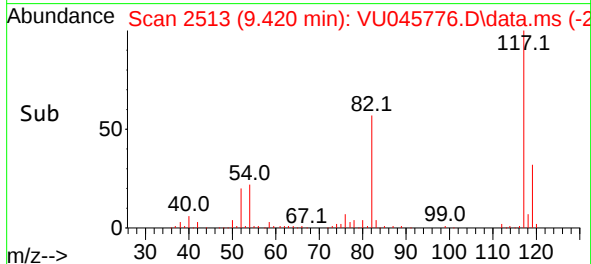
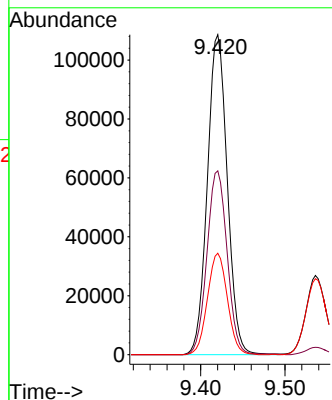
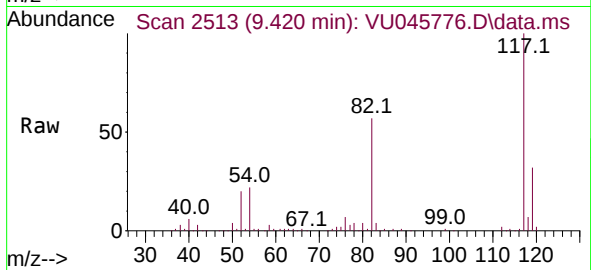




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

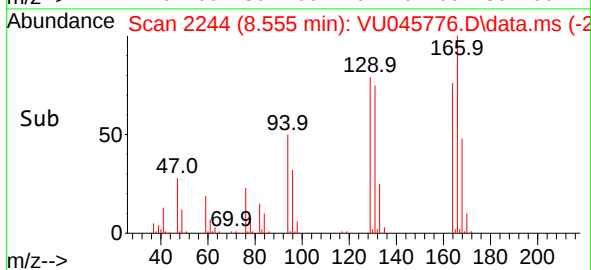
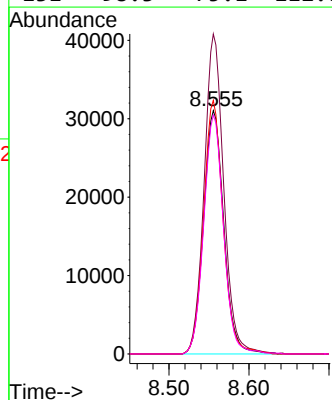
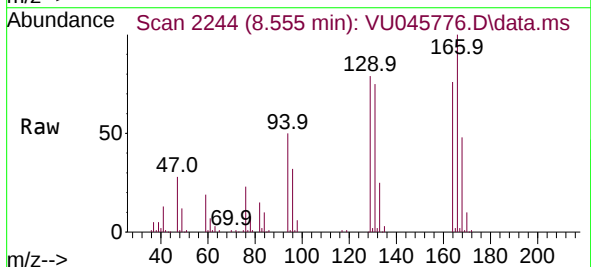
Instrument :
MSVOA_U
ClientSampleId :

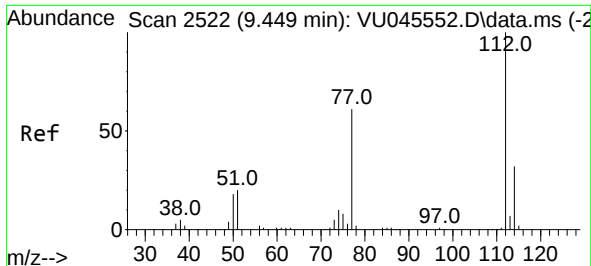
Tgt Ion:117 Resp: 178596
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.8
119 31.7 25.8 38.8



#64
Tetrachloroethene
Concen: 53.371 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:164 Resp: 54709
Ion Ratio Lower Upper
164 100
166 131.5 102.2 153.4
129 104.2 78.2 117.4
131 98.3 75.1 112.7

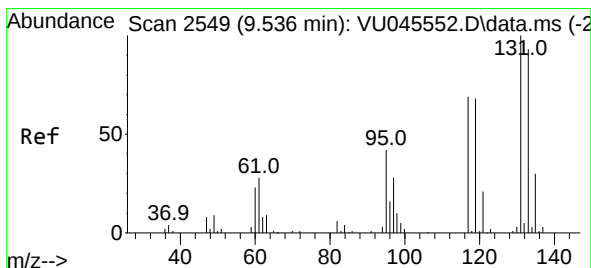
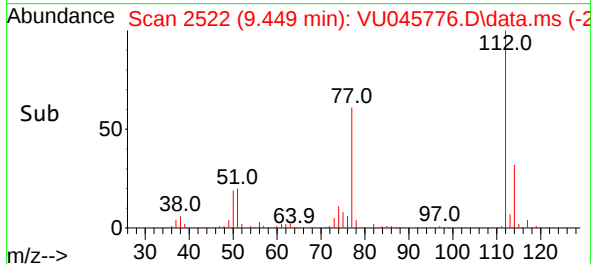
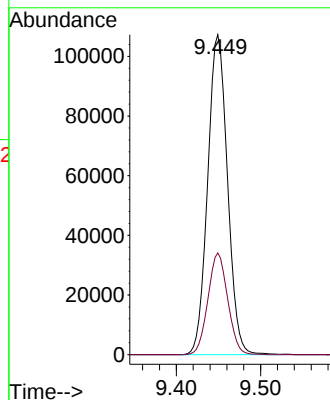
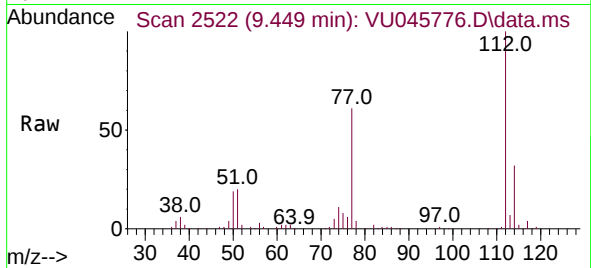




#65
Chlorobenzene
Concen: 50.031 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

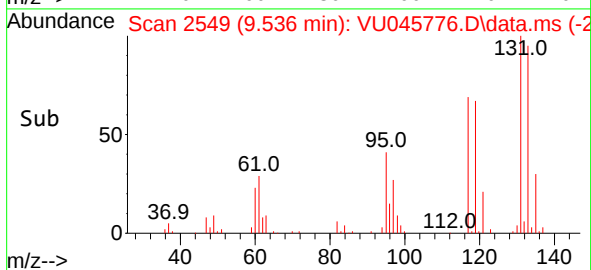
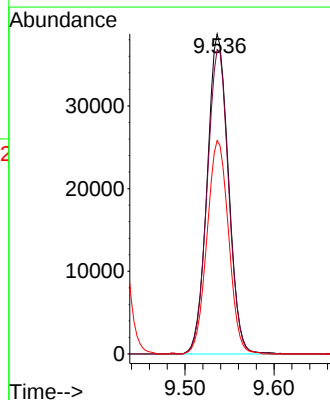
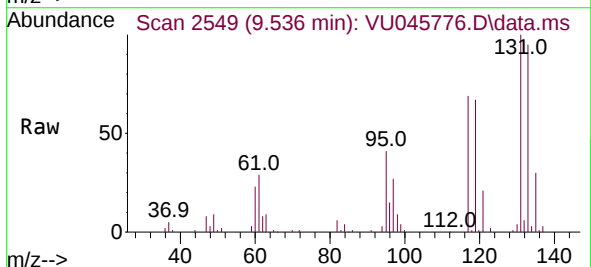
Instrument :
MSVOA_U
ClientSampleId :

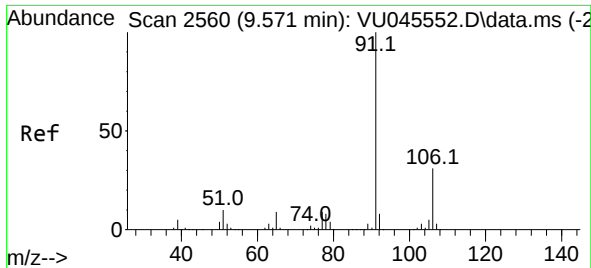
Tgt Ion:112 Resp: 175514
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.271 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:131 Resp: 64148
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 67.7 34.5 103.6





#67

Ethyl Benzene

Concen: 50.541 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

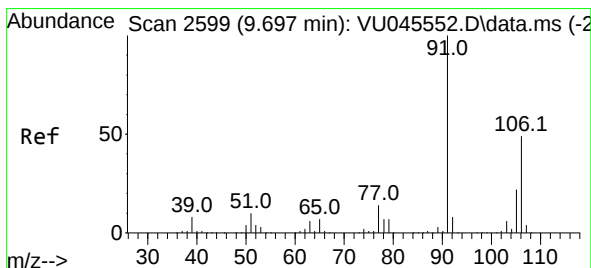
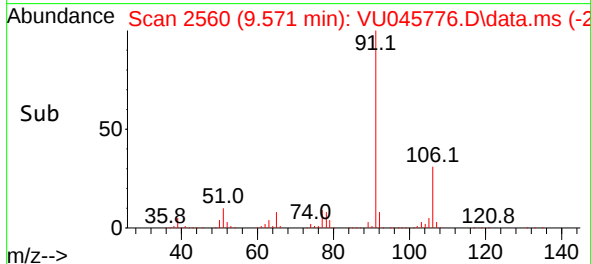
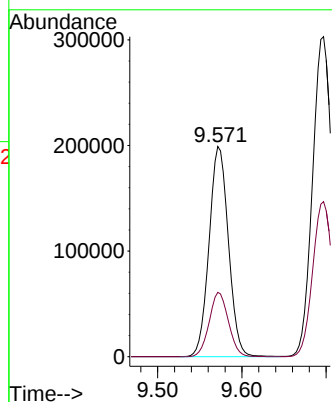
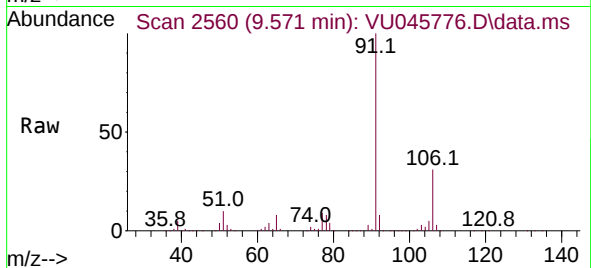
ClientSampleId :

Tgt Ion: 91 Resp: 317515

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 103.000 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045776.D

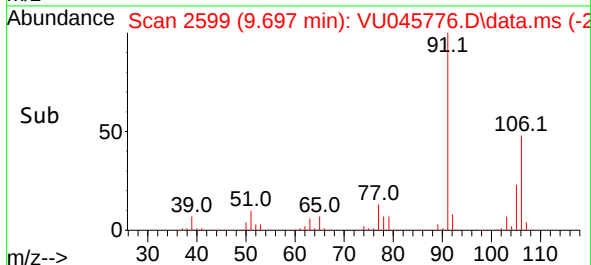
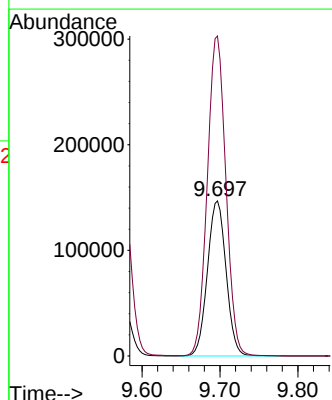
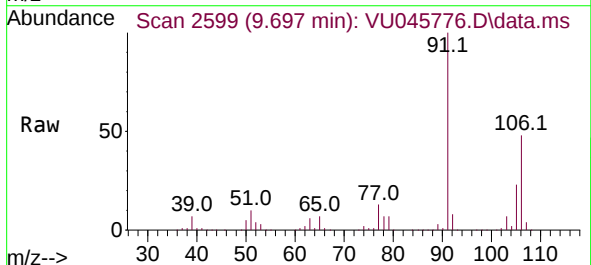
Acq: 12 Nov 2021 17:53

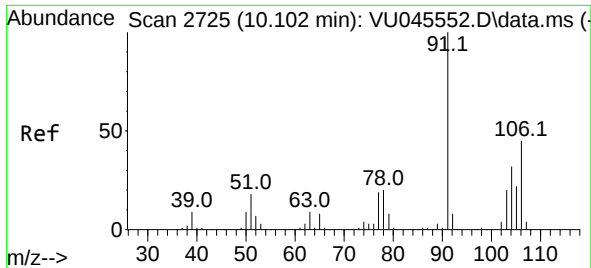
Tgt Ion: 106 Resp: 244036

Ion Ratio Lower Upper

106 100

91 206.1 164.7 247.1

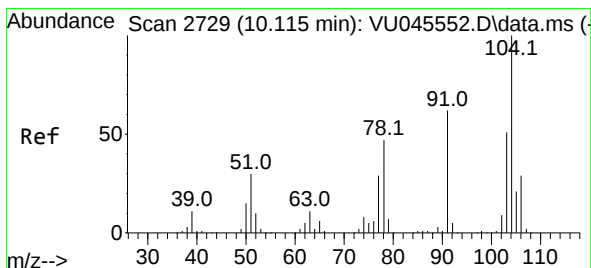
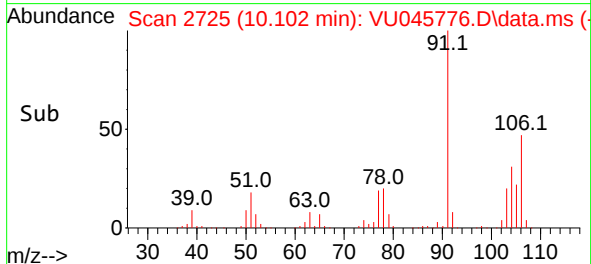
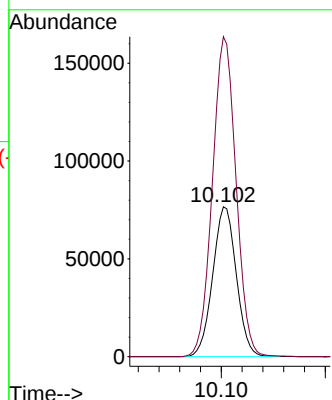
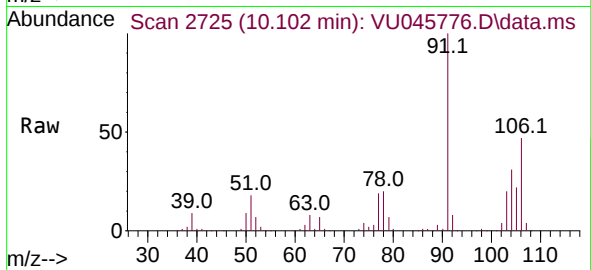




#69
o-Xylene
Concen: 52.454 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

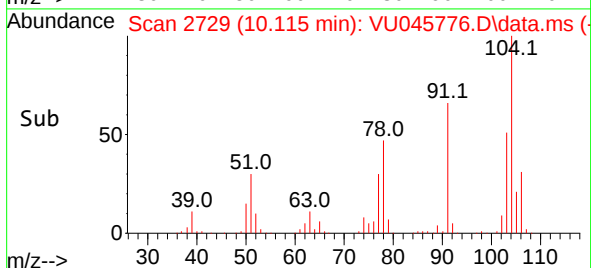
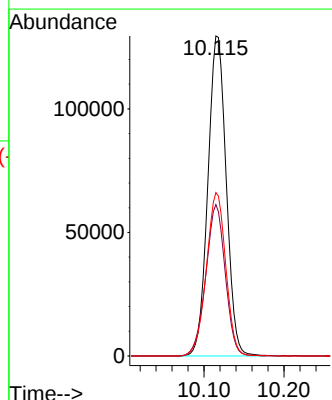
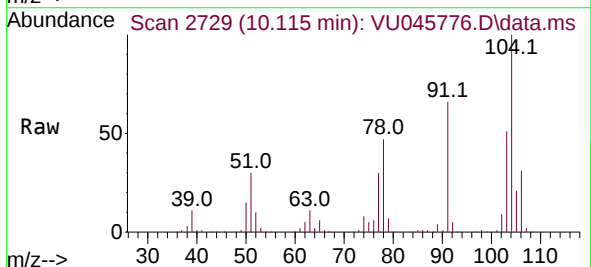
Instrument :
MSVOA_U
ClientSampleId :

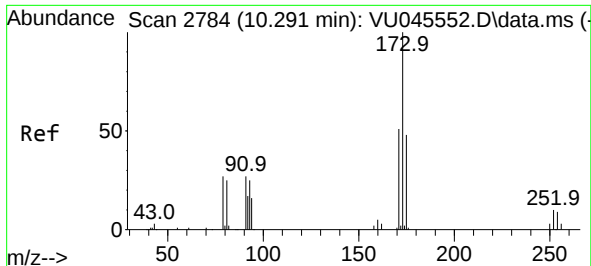
Tgt Ion:106 Resp: 120825
Ion Ratio Lower Upper
106 100
91 213.7 108.7 326.3



#70
Styrene
Concen: 53.034 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:104 Resp: 206667
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.6
103 54.0 43.8 65.6

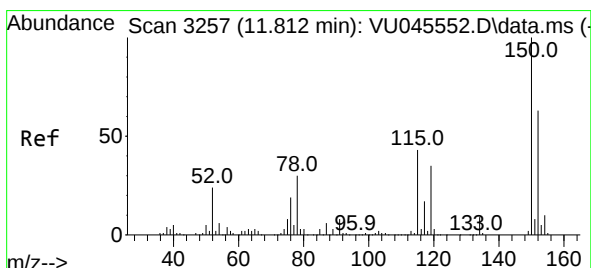
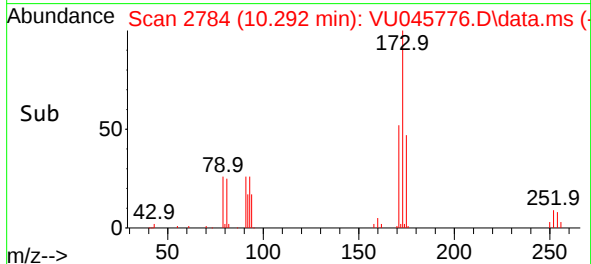
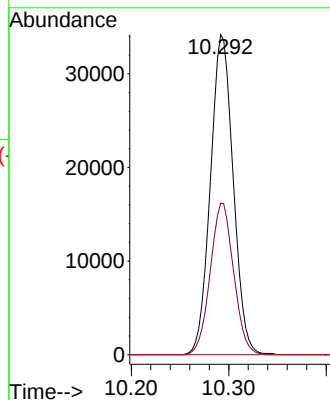
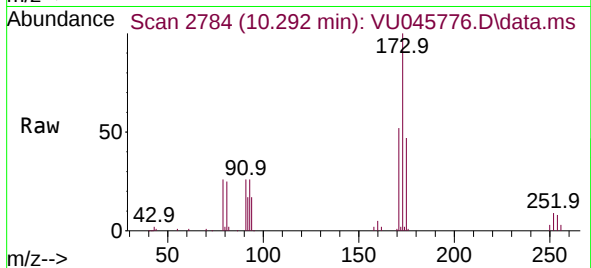




#71
Bromoform
Concen: 47.092 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

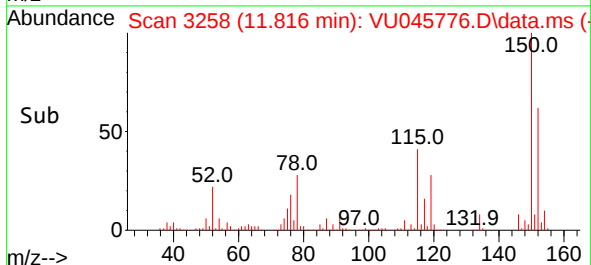
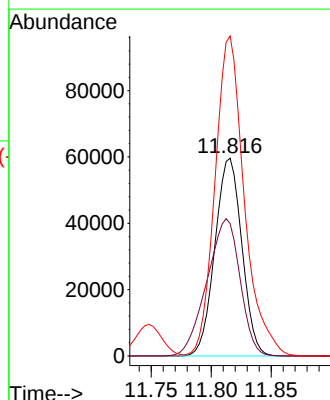
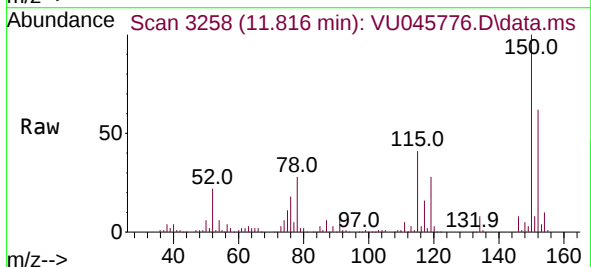
Instrument :
MSVOA_U
ClientSampleId :

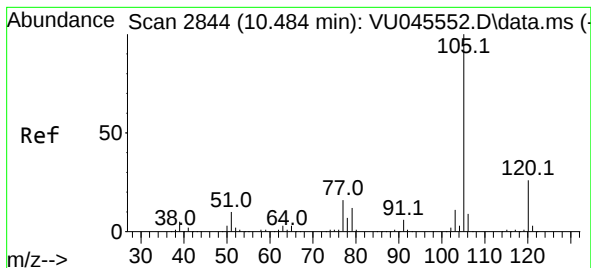
Tgt Ion:173 Resp: 55541
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:152 Resp: 93169
Ion Ratio Lower Upper
152 100
115 85.1 42.7 128.1
150 175.4 0.0 346.8





#73

Isopropylbenzene

Concen: 51.802 ug/l

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

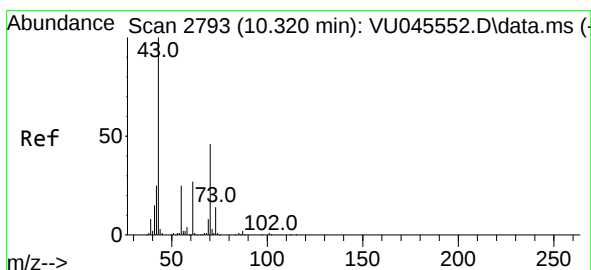
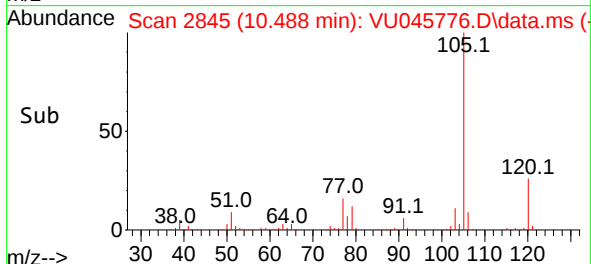
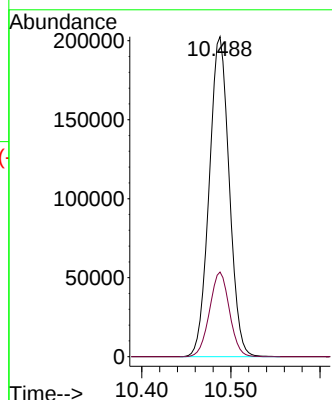
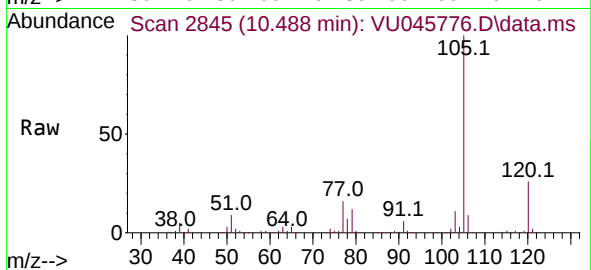
ClientSampleId :

Tgt Ion:105 Resp: 315352

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 46.959 ug/l

RT: 10.321 min Scan# 2793

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Tgt Ion: 43 Resp: 128960

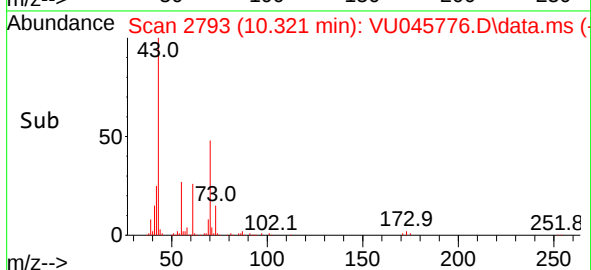
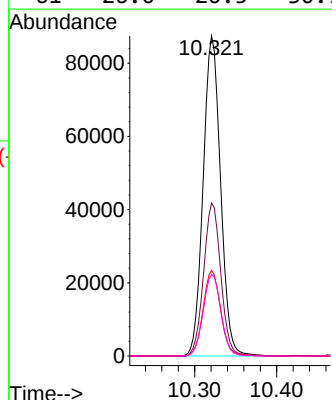
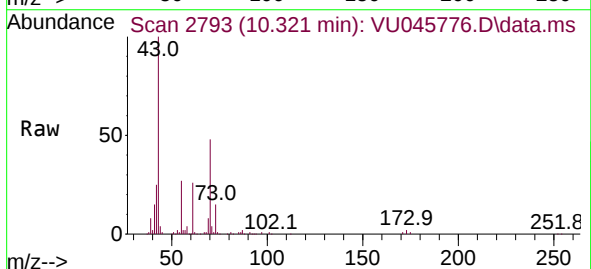
Ion Ratio Lower Upper

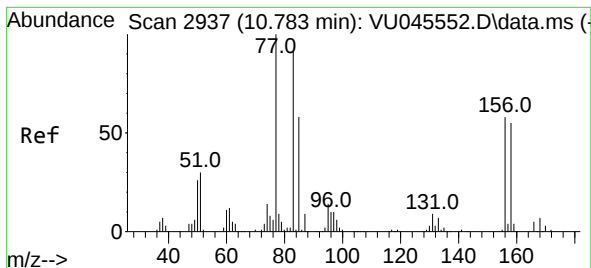
43 100

70 47.3 36.9 55.3

55 26.9 20.6 31.0

61 26.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.309 ug/l

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

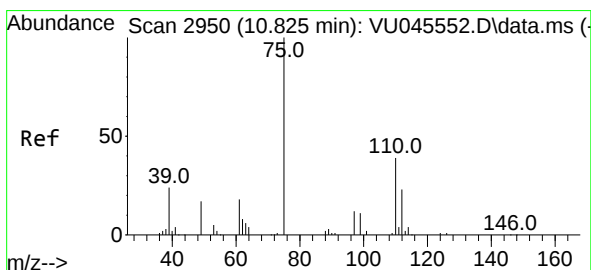
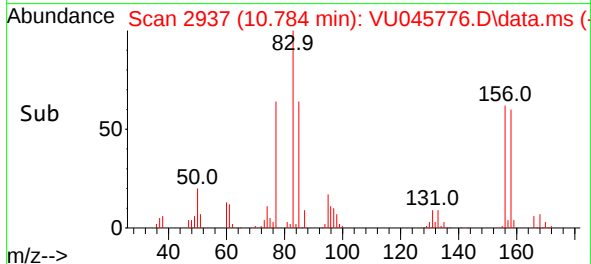
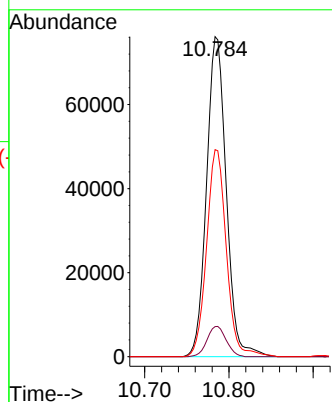
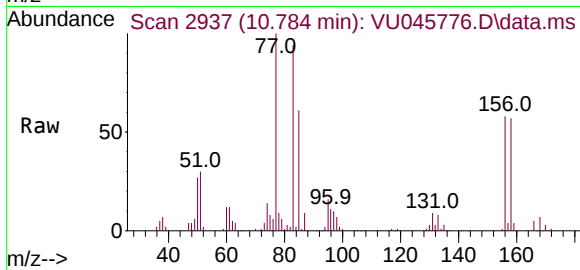
Tgt Ion: 83 Resp: 123752

Ion Ratio Lower Upper

83 100

131 9.2 4.4 13.2

85 64.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 48.234 ug/l

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU045776.D

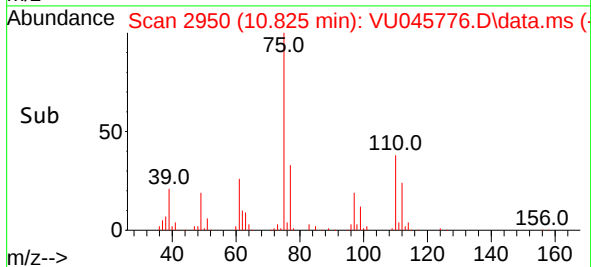
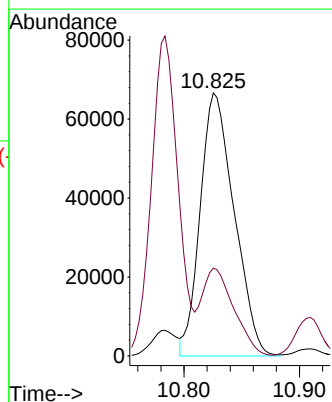
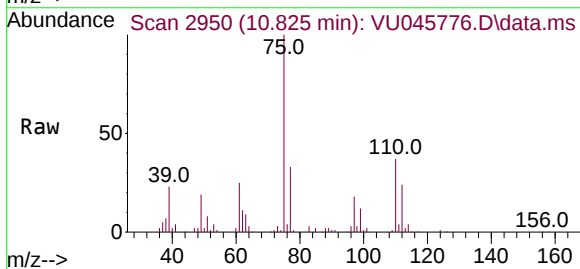
Acq: 12 Nov 2021 17:53

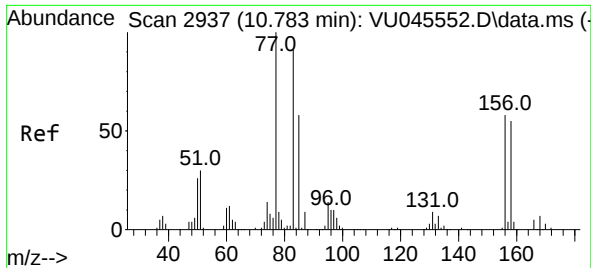
Tgt Ion: 75 Resp: 136282

Ion Ratio Lower Upper

75 100

77 31.4 17.1 51.3

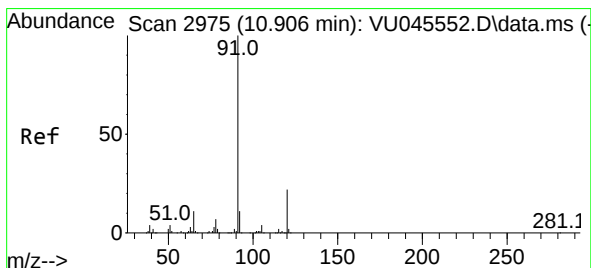
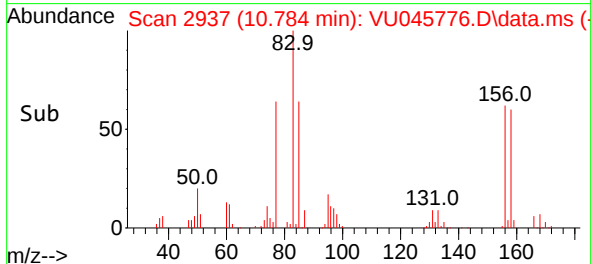
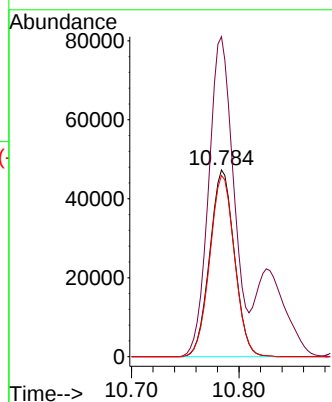
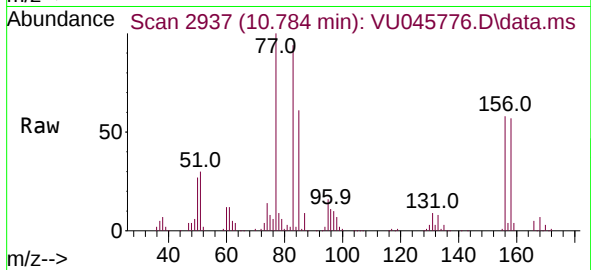




#77
Bromobenzene
Concen: 50.926 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

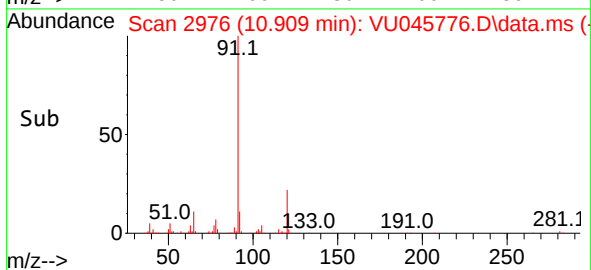
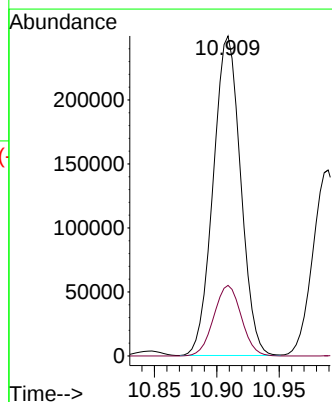
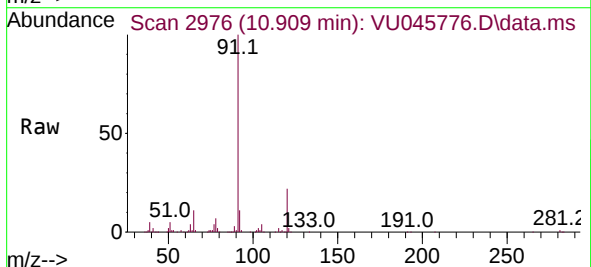
Instrument :
MSVOA_U
ClientSampleId :

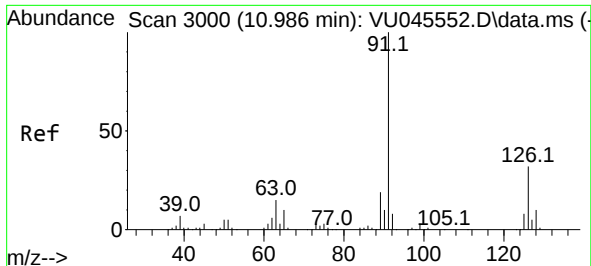
Tgt Ion:156 Resp: 75269
Ion Ratio Lower Upper
156 100
77 173.4 91.1 273.4
158 97.5 47.9 143.6



#78
n-propylbenzene
Concen: 50.471 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 91 Resp: 382396
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7





#79

2-Chlorotoluene

Concen: 50.915 ug/l

RT: 10.989 min Scan# 3000

Delta R.T. 0.003 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

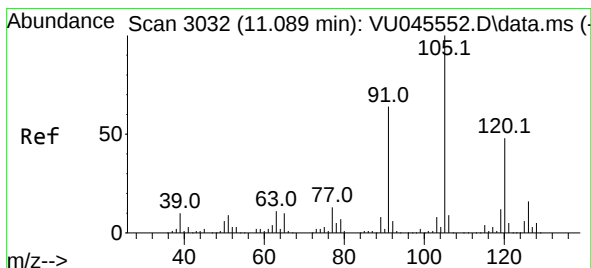
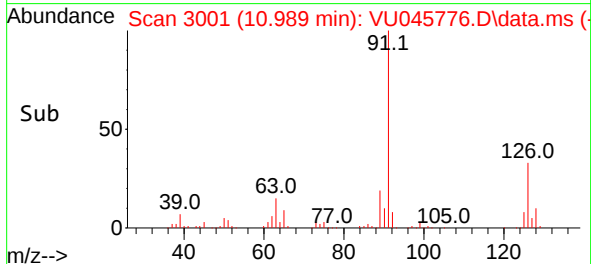
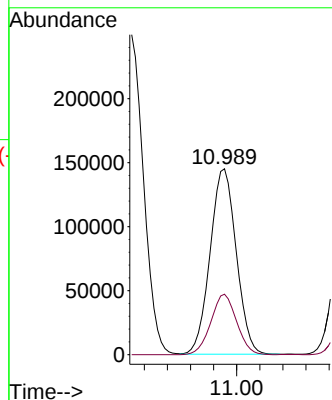
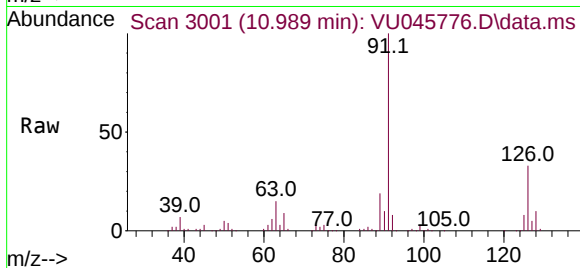
ClientSampleId :

Tgt Ion: 91 Resp: 227910

Ion Ratio Lower Upper

91 100

126 32.1 15.6 46.8



#80

1,3,5-Trimethylbenzene

Concen: 51.184 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045776.D

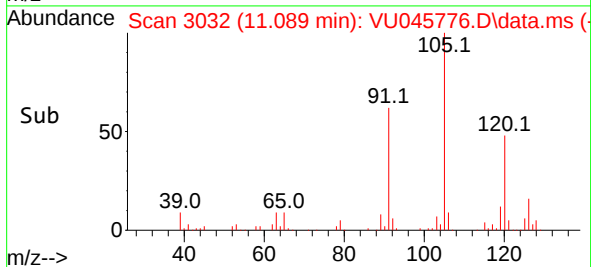
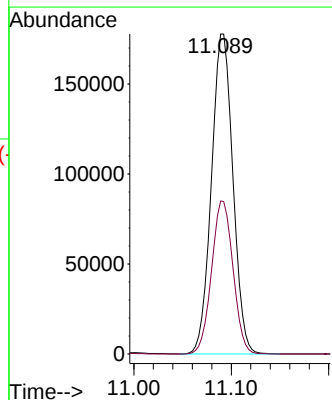
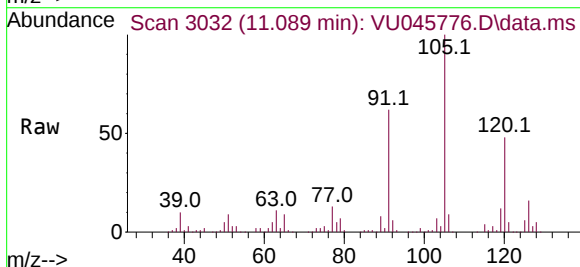
Acq: 12 Nov 2021 17:53

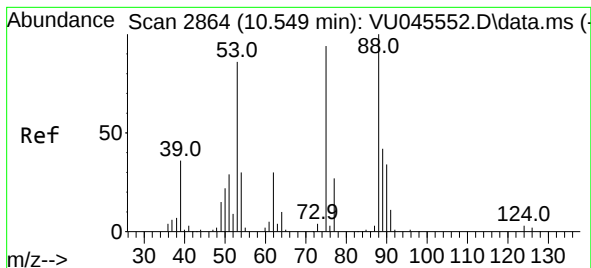
Tgt Ion: 105 Resp: 272236

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.8

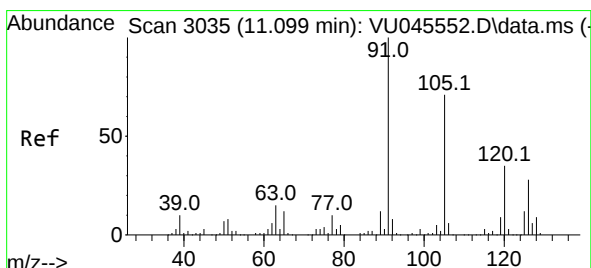
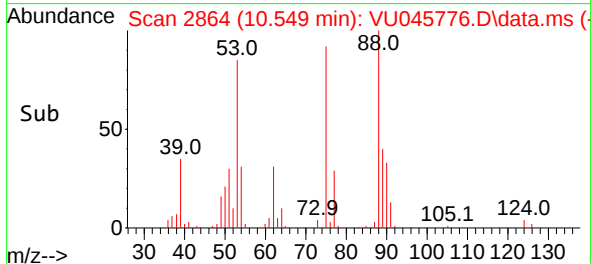
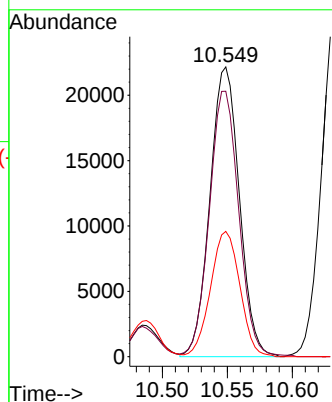
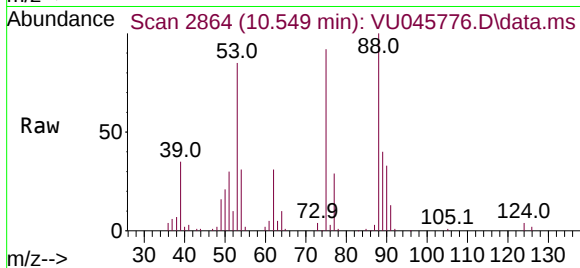




#81
trans-1,4-Dichloro-2-butene
Concen: 41.034 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

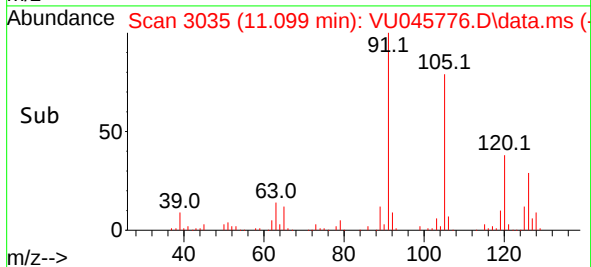
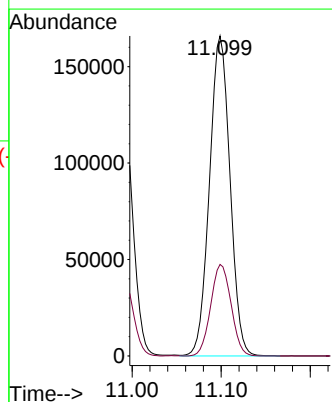
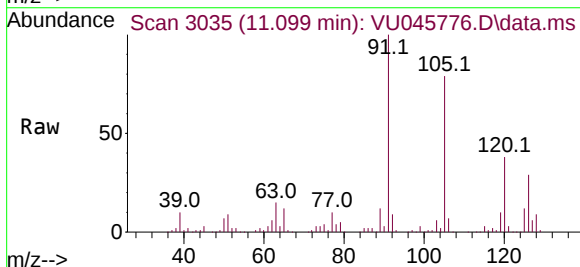
Instrument :
MSVOA_U
ClientSampleId :

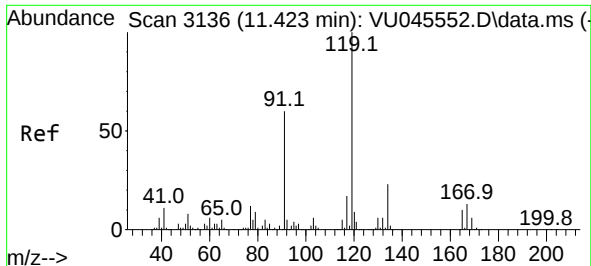
Tgt Ion: 75 Resp: 34899
Ion Ratio Lower Upper
75 100
53 91.9 76.2 114.4
89 43.2 34.0 51.0



#82
4-Chlorotoluene
Concen: 50.475 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion: 91 Resp: 264978
Ion Ratio Lower Upper
91 100
126 28.3 13.8 41.4

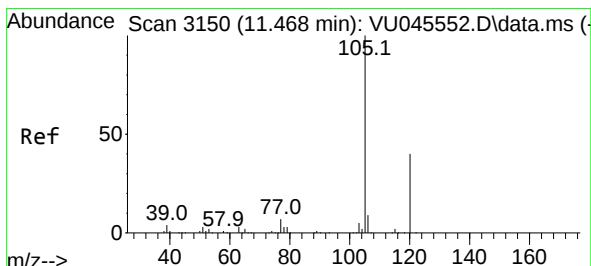
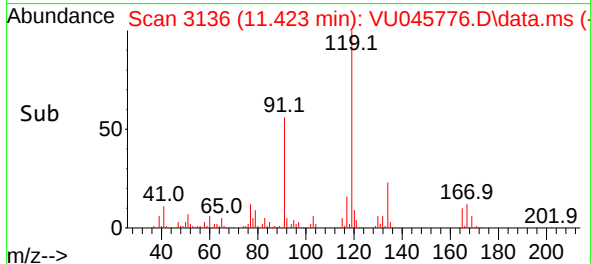
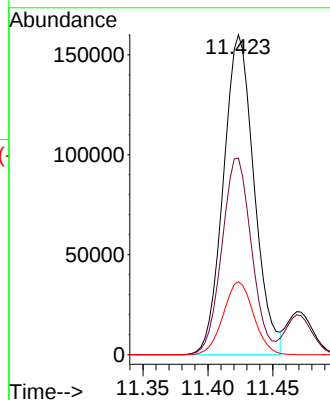
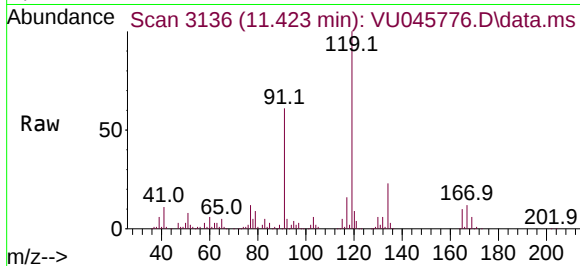




#83
tert-Butylbenzene
Concen: 51.972 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

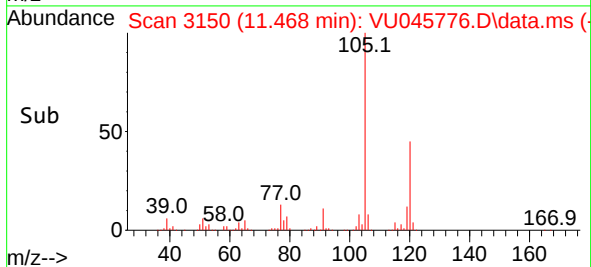
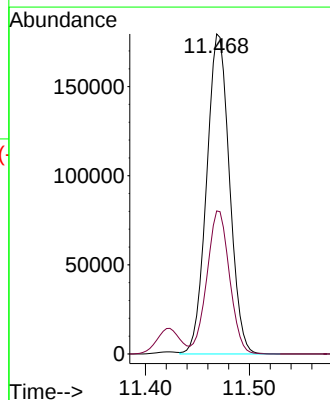
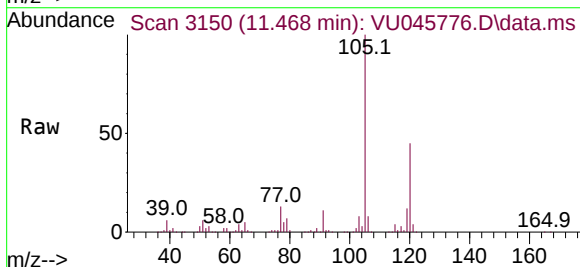
Instrument :
MSVOA_U
ClientSampleId :

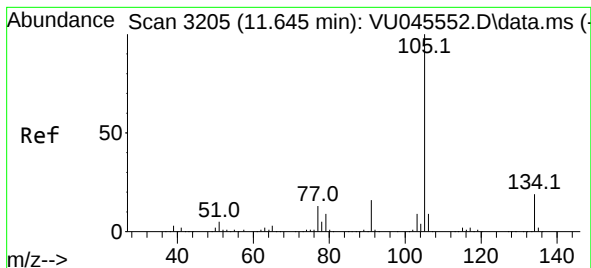
Tgt Ion:119 Resp: 263507
Ion Ratio Lower Upper
119 100
91 59.6 30.5 91.5
134 22.5 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 51.789 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:105 Resp: 273765
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.716 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

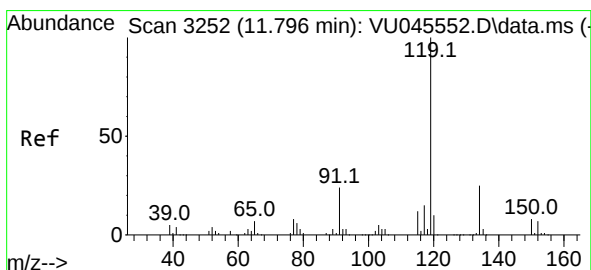
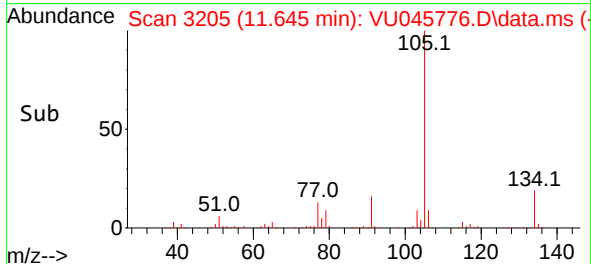
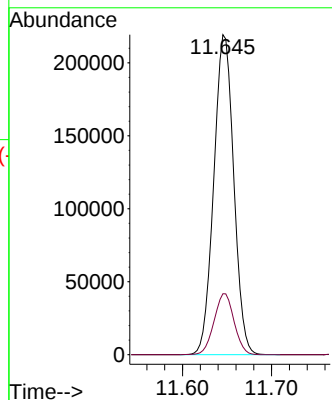
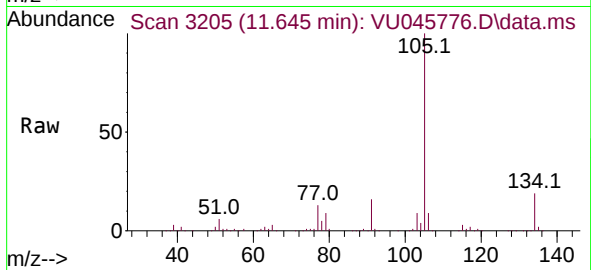
ClientSampleId :

Tgt Ion:105 Resp: 341028

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.3



#86

p-Isopropyltoluene

Concen: 50.529 ug/l

RT: 11.796 min Scan# 3252

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

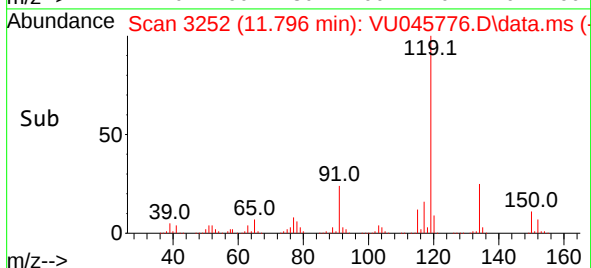
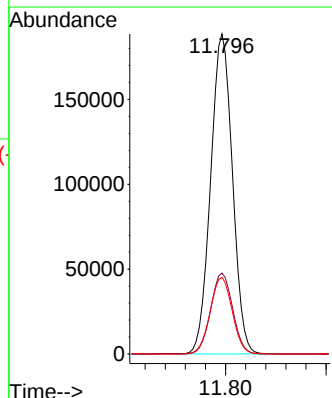
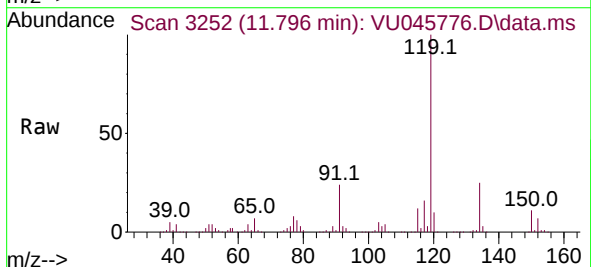
Tgt Ion:119 Resp: 283924

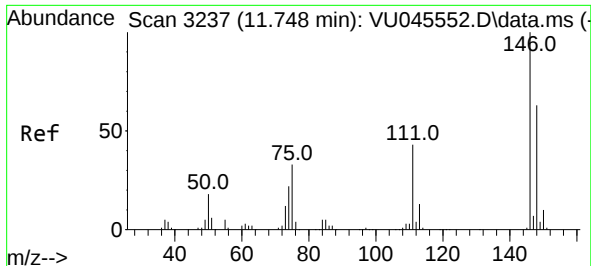
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 24.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 48.612 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

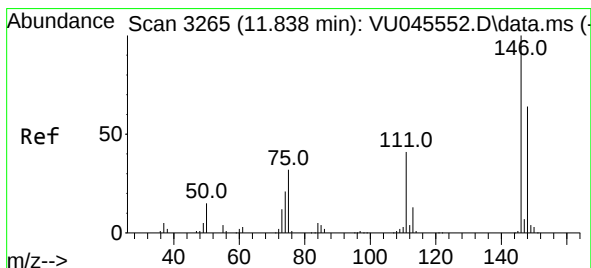
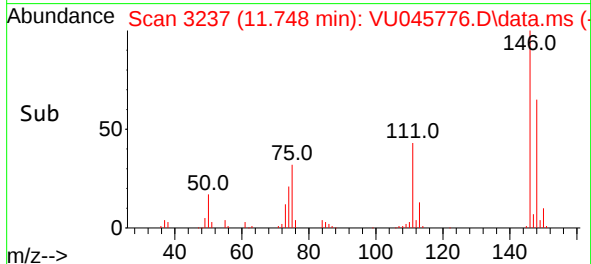
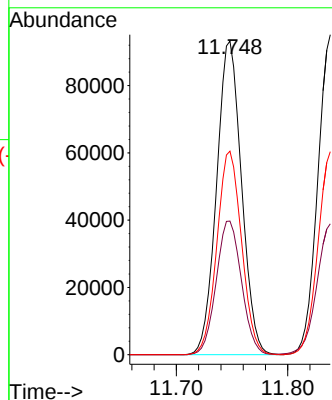
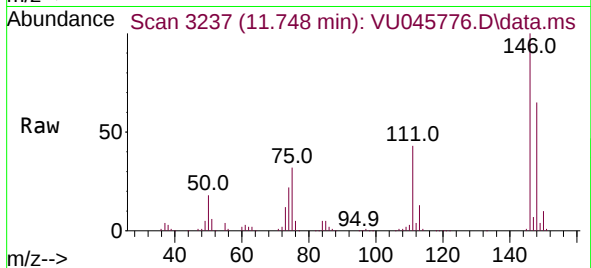
Tgt Ion:146 Resp: 144969

Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.9

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.029 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

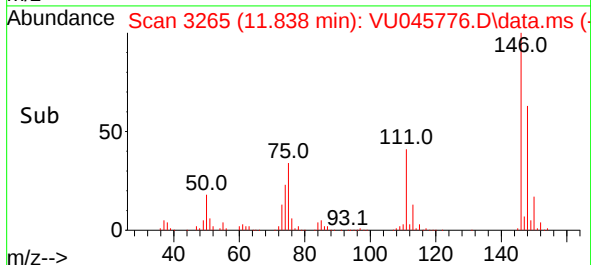
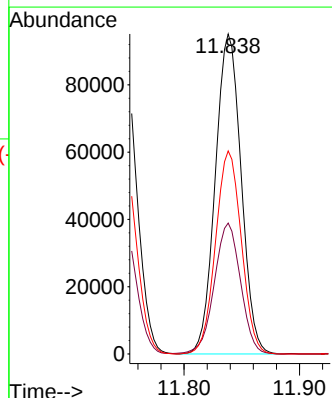
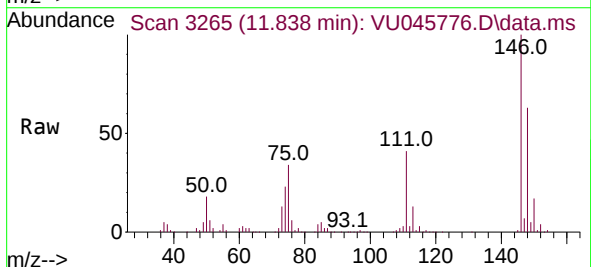
Tgt Ion:146 Resp: 147877

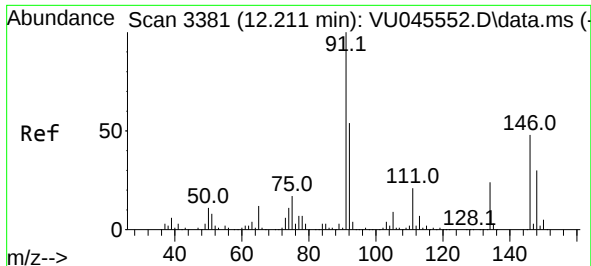
Ion Ratio Lower Upper

146 100

111 41.6 20.6 61.9

148 63.3 31.9 95.7





#89

n-Butylbenzene

Concen: 47.918 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

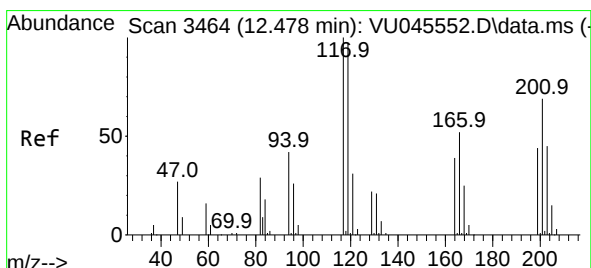
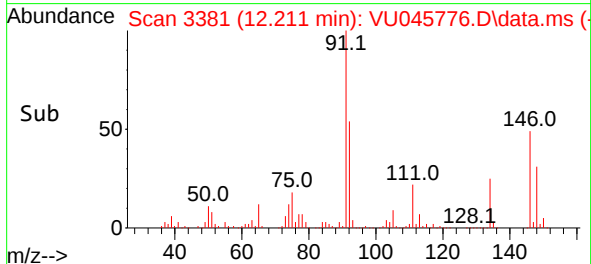
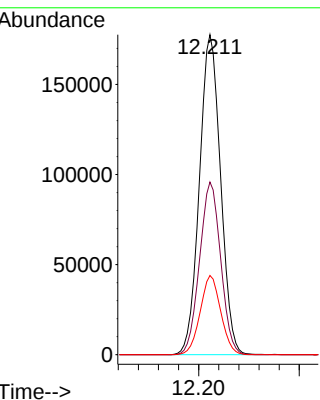
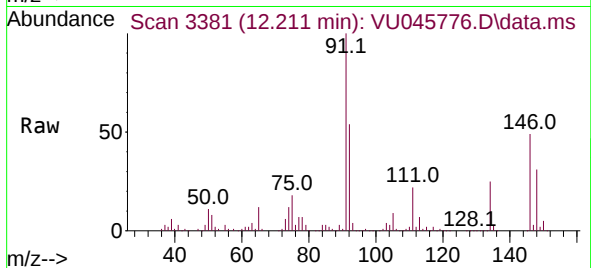
Tgt Ion: 91 Resp: 259370

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

134 24.0 11.8 35.4



#90

Hexachloroethane

Concen: 47.349 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. 0.000 min

Lab File: VU045776.D

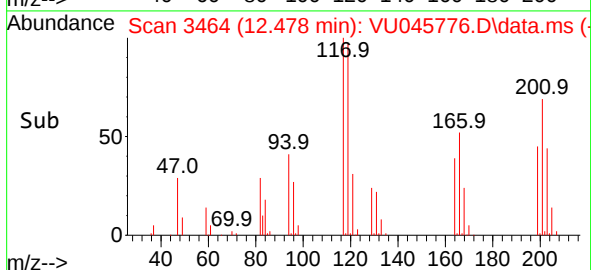
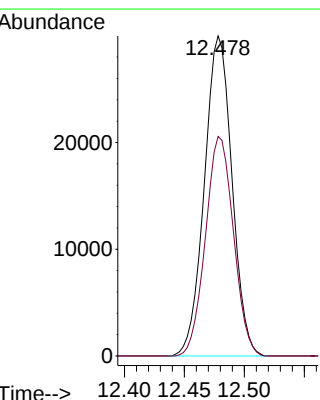
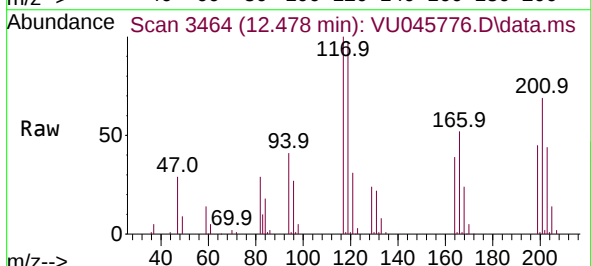
Acq: 12 Nov 2021 17:53

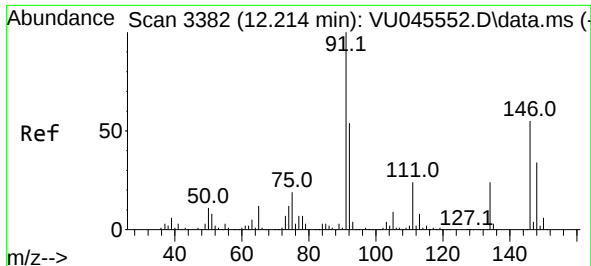
Tgt Ion: 117 Resp: 47996

Ion Ratio Lower Upper

117 100

201 69.5 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 50.636 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

Instrument :

MSVOA_U

ClientSampleId :

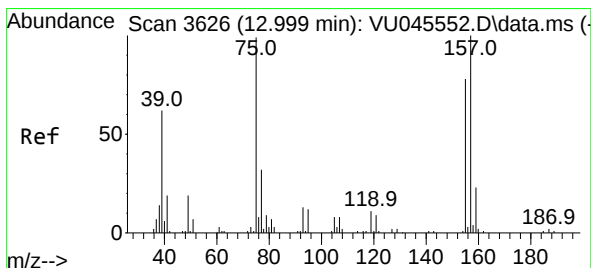
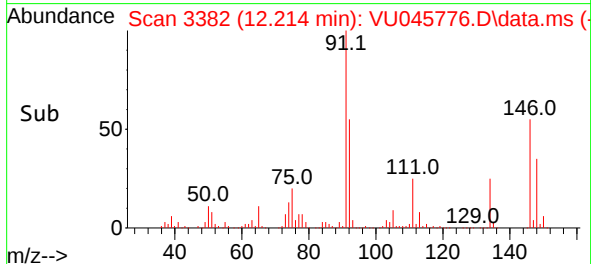
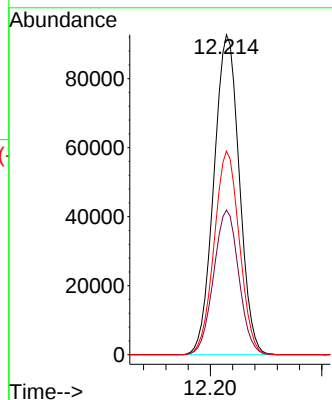
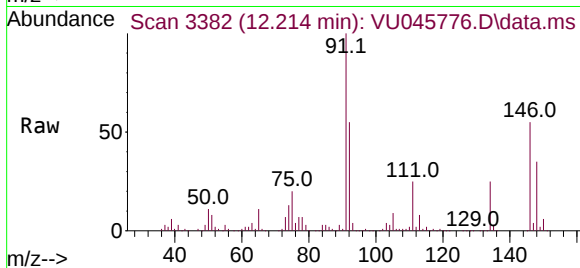
Tgt Ion:146 Resp: 146914

Ion Ratio Lower Upper

146 100

111 44.8 21.9 65.5

148 63.3 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.384 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU045776.D

Acq: 12 Nov 2021 17:53

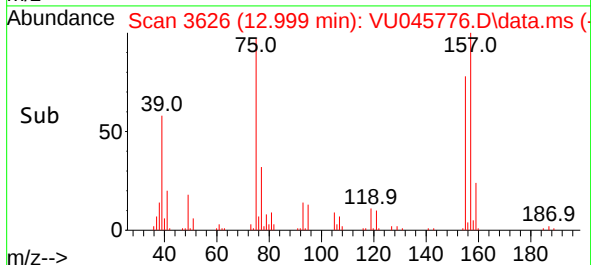
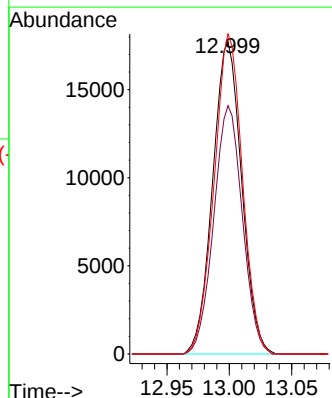
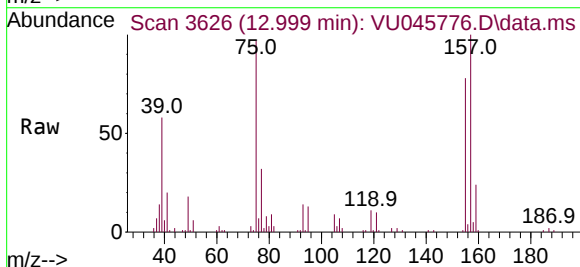
Tgt Ion: 75 Resp: 28674

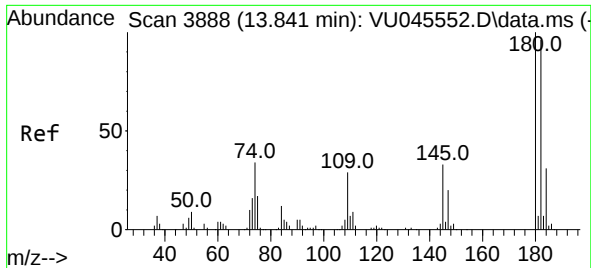
Ion Ratio Lower Upper

75 100

155 78.5 37.8 113.3

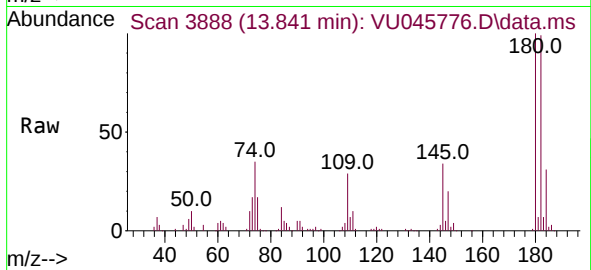
157 100.2 48.4 145.2



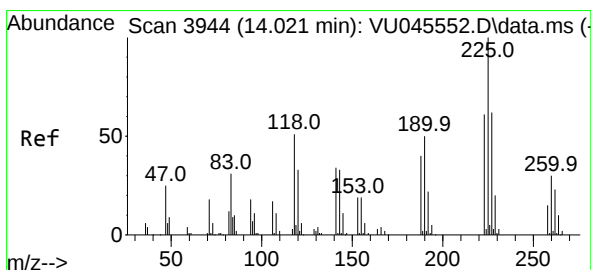
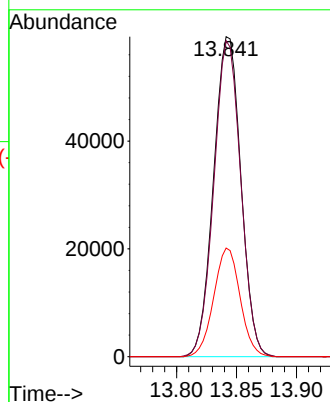
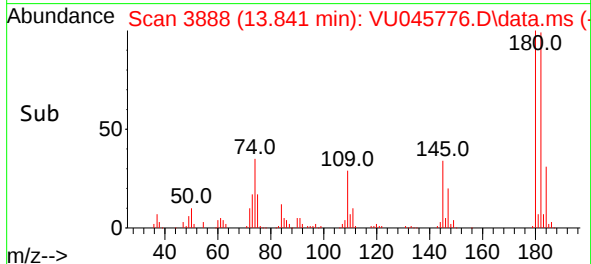


#93
1,2,4-Trichlorobenzene
Concen: 46.805 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

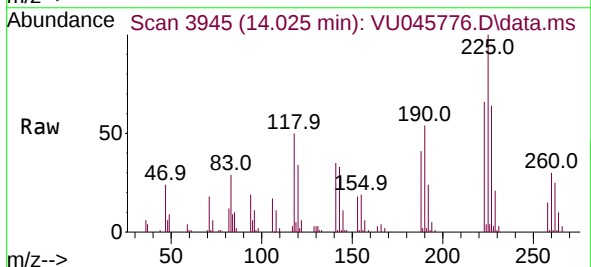
Instrument :
MSVOA_U
ClientSampleId :



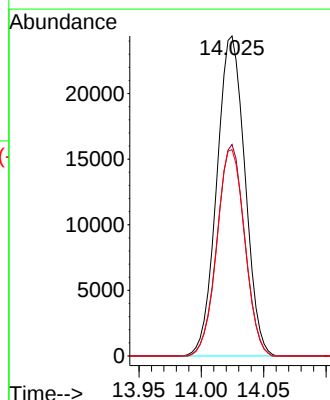
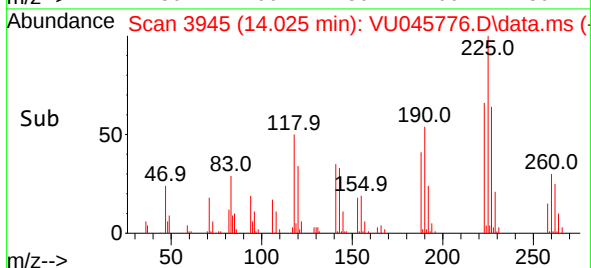
Tgt Ion:180 Resp: 93895
Ion Ratio Lower Upper
180 100
182 97.1 47.0 141.2
145 32.8 15.6 46.7

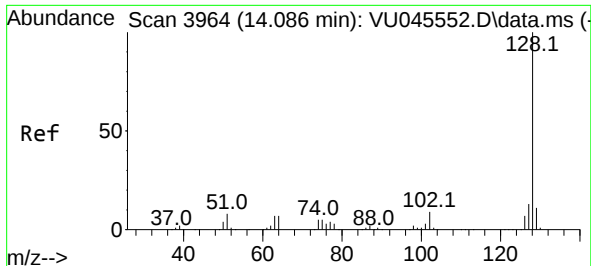


#94
Hexachlorobutadiene
Concen: 44.305 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53



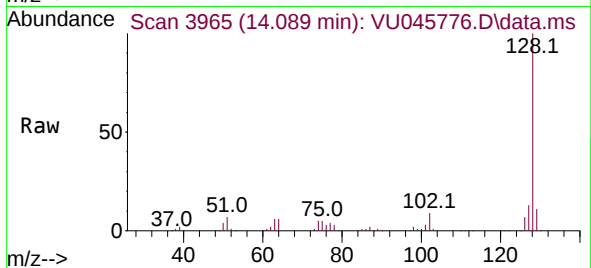
Tgt Ion:225 Resp: 38366
Ion Ratio Lower Upper
225 100
223 64.6 32.0 96.2
227 64.0 31.1 93.5



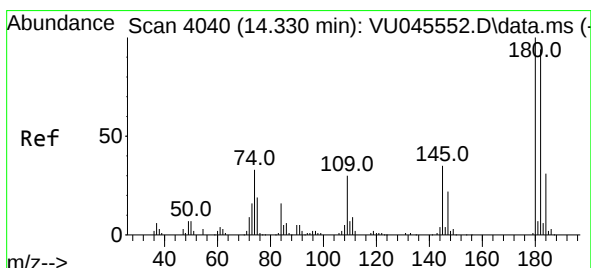
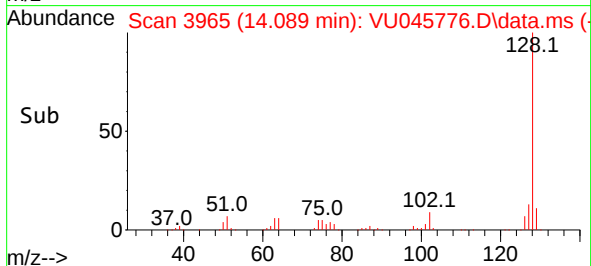
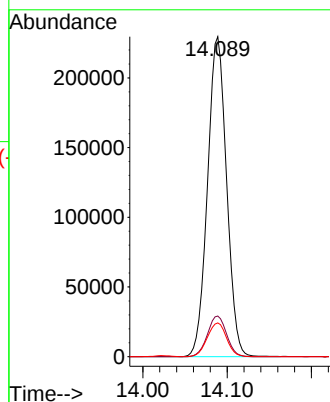


#95
Naphthalene
Concen: 47.930 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 361147
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.464 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045776.D
Acq: 12 Nov 2021 17:53

Tgt Ion:180 Resp: 100555
Ion Ratio Lower Upper
180 100
182 95.5 47.7 143.1
145 35.0 16.7 50.0

