

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051477.D
 Acq On : 20 Oct 2022 17:17
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 22:27:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	504063	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	502388	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	259756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	179713	44.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.860%		
7) Chloroethane-d5	1.896	69	145738	44.230	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.460%		
11) 1,1-Dichloroethene-d2	2.562	63	308832	45.360	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.720%		
21) 2-Butanone-d5	4.617	46	270377	95.899	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.900%		
24) Chloroform-d	5.060	84	342810	46.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.320%		
26) 1,2-Dichloroethane-d4	5.697	65	211278	46.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
32) Benzene-d6	5.723	84	690907	50.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.560%		
36) 1,2-Dichloropropane-d6	6.687	67	221460	49.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.140%		
41) Toluene-d8	7.896	98	635084	51.213	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.420%		
43) trans-1,3-Dichloroprop...	8.176	79	94337	49.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.180%		
47) 2-Hexanone-d5	8.629	63	196892	100.336	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.340%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	368463	47.474	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.940%		
66) 1,2-Dichlorobenzene-d4	12.192	152	234921	48.312	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	190807	43.313	ug/L	99
3) Chloromethane	1.523	50	268038	47.604	ug/L	99
5) Vinyl chloride	1.604	62	256026	45.944	ug/L	100
6) Bromomethane	1.832	94	154465	53.330	ug/L	99
8) Chloroethane	1.919	64	160152	48.090	ug/L	99
9) Trichlorofluoromethane	2.128	101	286023	44.364	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	167465	42.498	ug/L	100
12) 1,1-Dichloroethene	2.575	96	171761	45.979	ug/L	95
13) Acetone	2.623	43	206639	64.320	ug/L	97
14) Carbon disulfide	2.787	76	547013	44.958	ug/L	99
15) Methyl Acetate	2.945	43	228659	47.063	ug/L	99
16) Methylene chloride	3.041	84	231053	47.121	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	182254	47.439	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	554624	50.484	ug/L	99
19) 1,1-Dichloroethane	3.864	63	361146	47.659	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	205723	49.082	ug/L	95
22) 2-Butanone	4.697	43	329881	88.475	ug/L	99
23) Bromochloromethane	4.970	128	111749	47.520	ug/L	98
25) Chloroform	5.086	83	371347	47.534	ug/L	100

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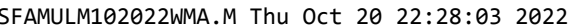
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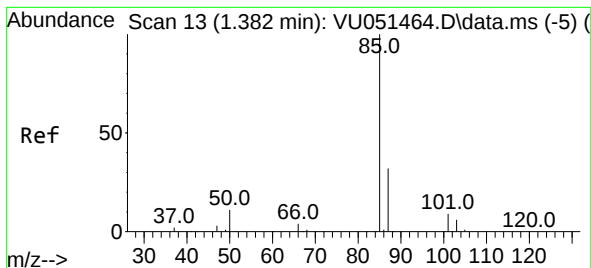
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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	289805	47.774	ug/L	99
29) Cyclohexane	5.385	56	272500	51.627	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	285576	47.925	ug/L	98
31) Carbon tetrachloride	5.520	117	236139	46.935	ug/L	100
33) Benzene	5.771	78	848290	51.652	ug/L	100
34) Trichloroethene	6.539	95	189431	47.799	ug/L	98
35) Methylcyclohexane	6.761	83	277795	48.999	ug/L	99
37) 1,2-Dichloropropane	6.787	63	223725	49.674	ug/L	100
38) Bromodichloromethane	7.102	83	272320	47.496	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	304401	51.263	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	634184	105.383	ug/L	100
42) Toluene	7.967	91	890443	52.834	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	288571	49.937	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	218006	48.498	ug/L	99
46) Tetrachloroethene	8.552	164	138050	46.666	ug/L	96
48) 2-Hexanone	8.681	43	530687	103.198	ug/L	99
49) Dibromochloromethane	8.806	129	217842	47.348	ug/L	98
50) 1,2-Dibromoethane	8.922	107	226526	49.177	ug/L	100
51) Chlorobenzene	9.446	112	543186	49.217	ug/L	99
52) Ethylbenzene	9.568	91	877446	51.628	ug/L	100
53) m,p-Xylene	9.690	106	346970	52.965	ug/L	97
54) o-Xylene	10.099	106	348418	53.618	ug/L	98
55) Styrene	10.111	104	610827	54.094	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	409139	47.700	ug/L	99
59) Bromoform	10.288	173	163960	45.321	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	312558	46.432	ug/L	100
61) Isopropylbenzene	10.481	105	851030	52.171	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	731255	52.772	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	729388	53.457	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	405360	48.682	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	403261	47.093	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	422340	48.692	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	83472	45.943	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	256570	45.933	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	199373	46.360	ug/L	100
71) Naphthalene	14.086	128	674169	48.979	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	227013	49.176	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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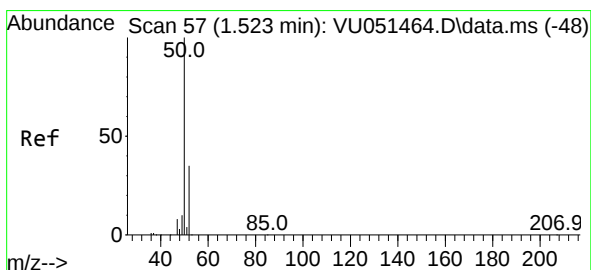
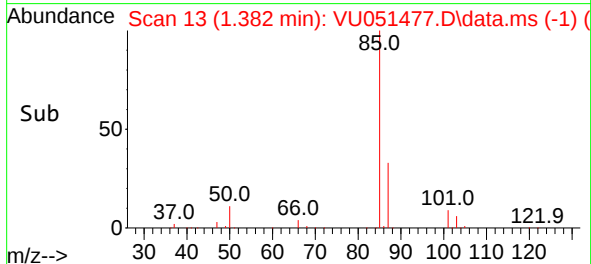
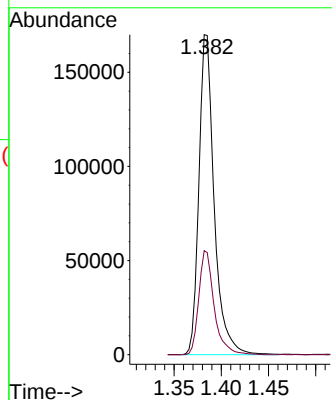
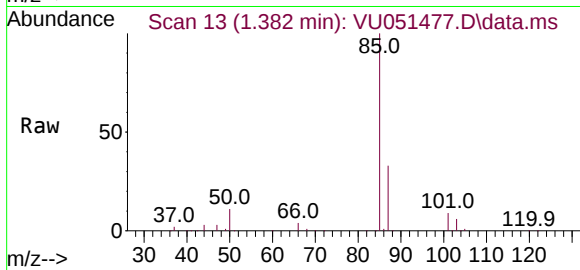




#2
Dichlorodifluoromethane
Concen: 43.313 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

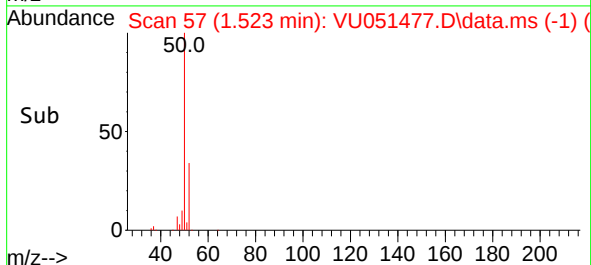
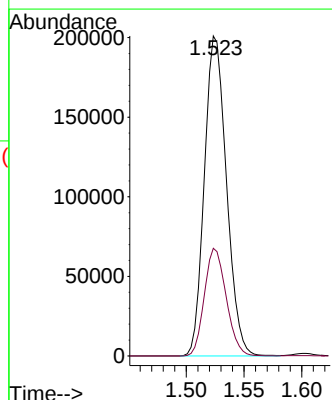
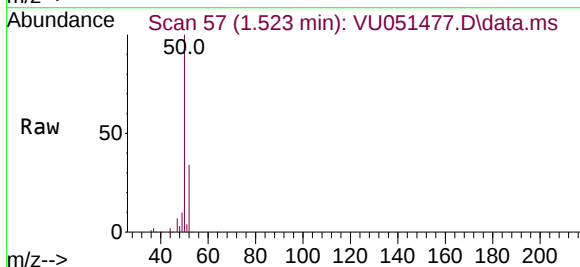
Instrument :
MSVOA_U
ClientSampleId :

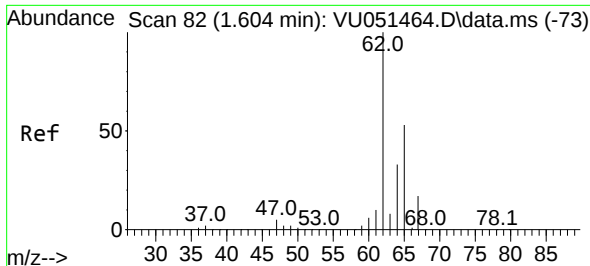
Tgt Ion: 85 Resp: 190807
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5



#3
Chloromethane
Concen: 47.604 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

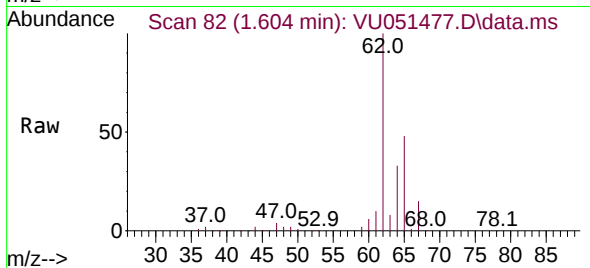
Tgt Ion: 50 Resp: 268038
Ion Ratio Lower Upper
50 100
52 33.7 24.1 44.8



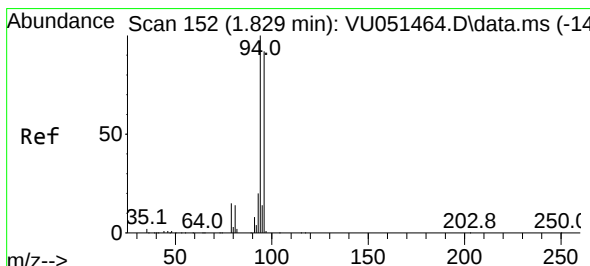
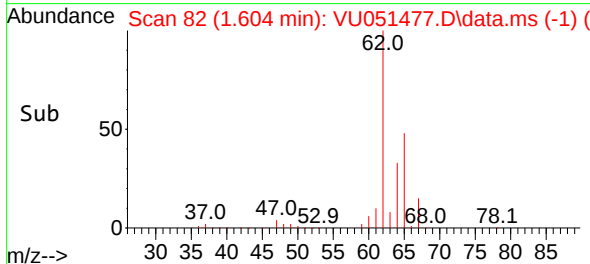
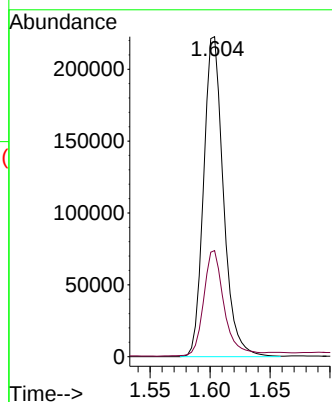


#5
 Vinyl chloride
 Concen: 45.944 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051477.D
 Acq: 20 Oct 2022 17:17

Instrument :
 MSVOA_U
 ClientSampleId :

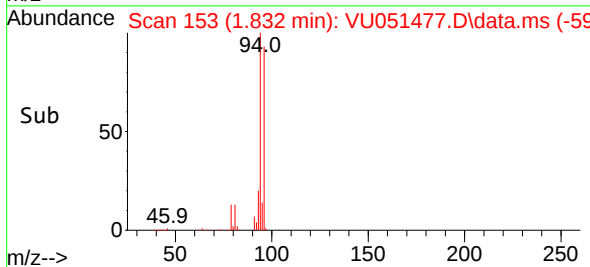
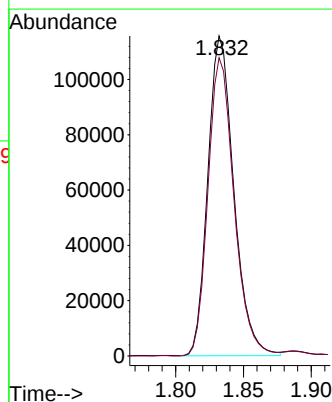
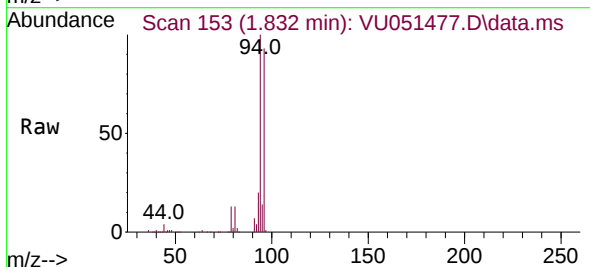


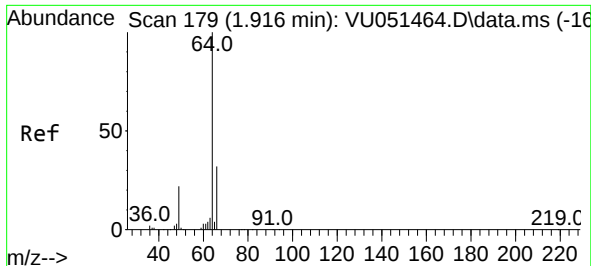
Tgt Ion: 62 Resp: 256026
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 53.330 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. 0.003 min
 Lab File: VU051477.D
 Acq: 20 Oct 2022 17:17

Tgt Ion: 94 Resp: 154465
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.5 119.9

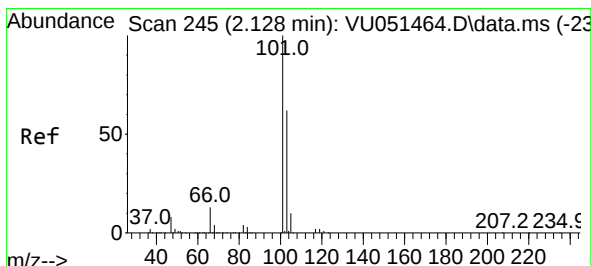
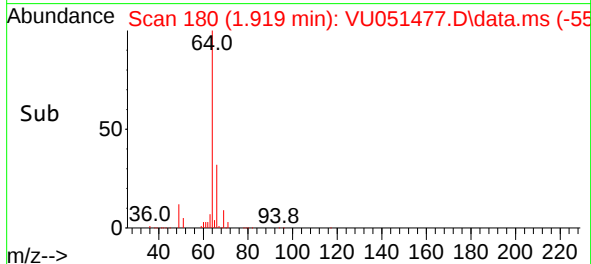
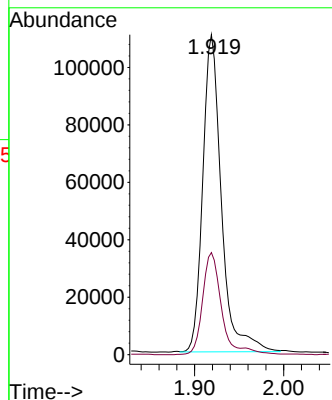
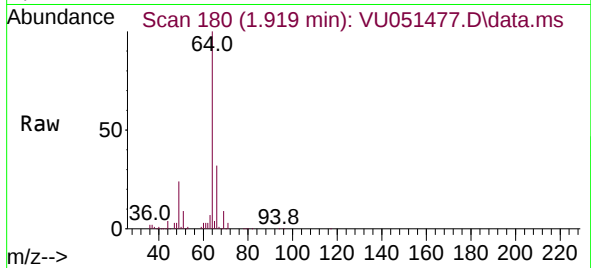




#8
Chloroethane
Concen: 48.090 ug/L
RT: 1.919 min Scan# 179
Delta R.T. 0.003 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

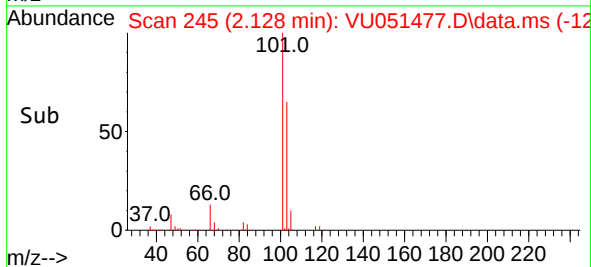
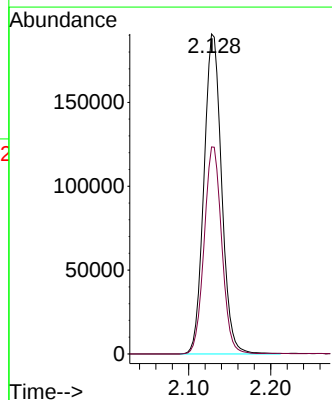
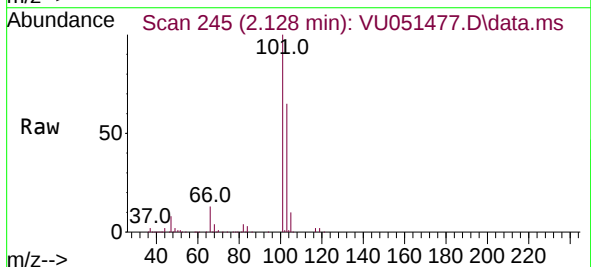
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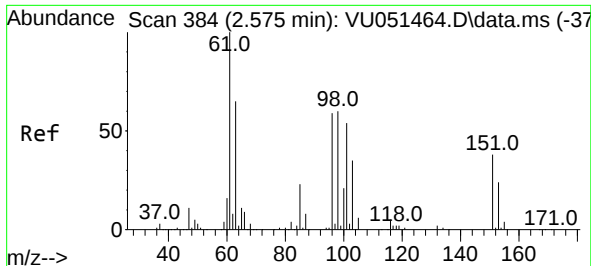
Tgt Ion: 64 Resp: 160152
Ion Ratio Lower Upper
64 100
66 31.9 21.9 40.7



#9
Trichlorofluoromethane
Concen: 44.364 ug/L
RT: 2.128 min Scan# 245
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion:101 Resp: 286023
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

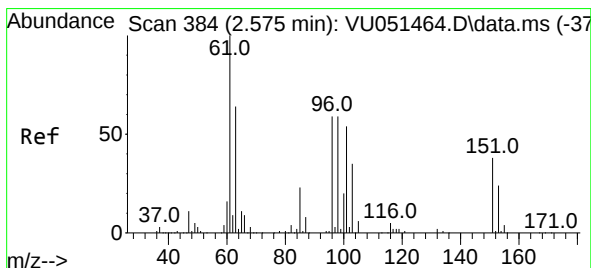
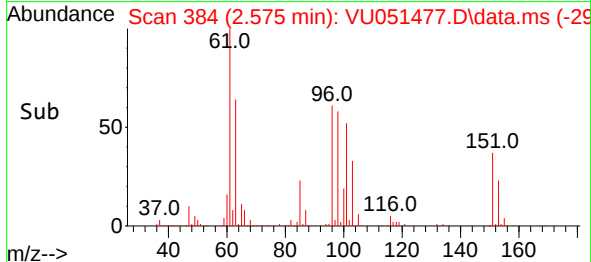
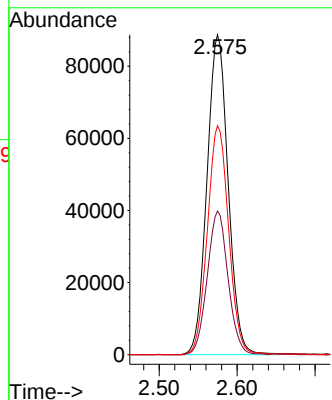
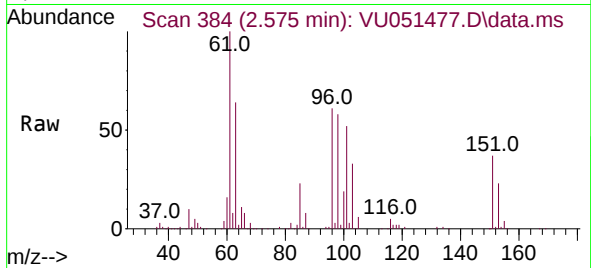




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.498 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

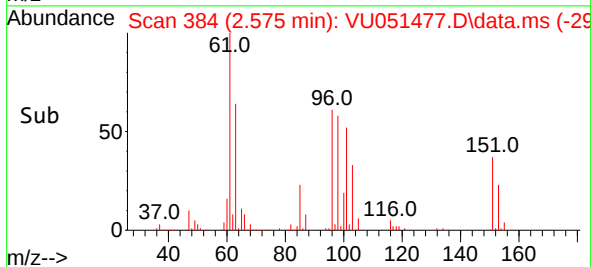
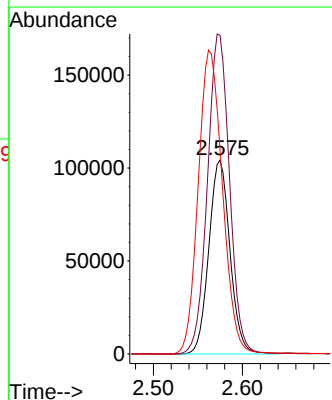
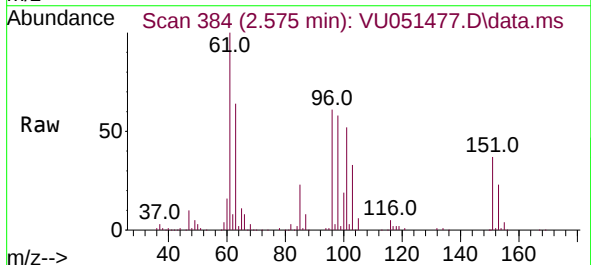
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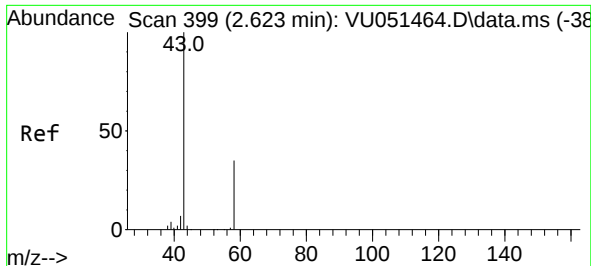
Tgt Ion:101 Resp: 167465
Ion Ratio Lower Upper
101 100
85 44.0 35.2 52.8
151 71.9 57.8 86.8



#12
1,1-Dichloroethene
Concen: 45.979 ug/L
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion: 96 Resp: 171761
Ion Ratio Lower Upper
96 100
61 164.4 119.0 221.0
63 105.5 78.5 145.7





#13

Acetone

Concen: 64.320 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

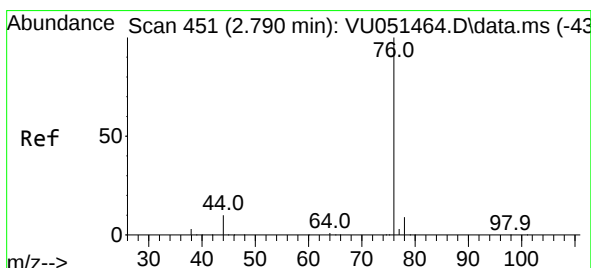
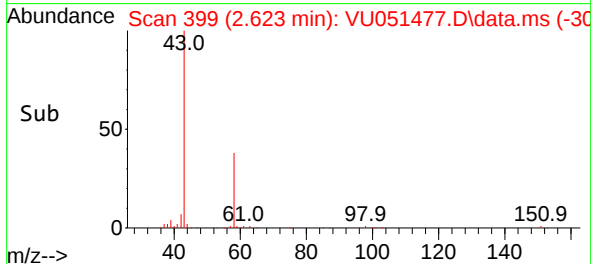
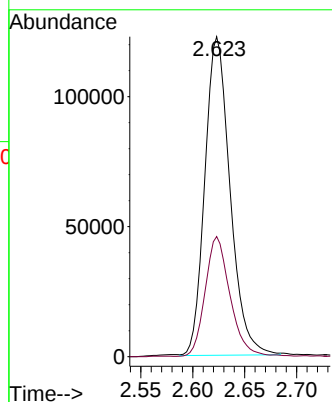
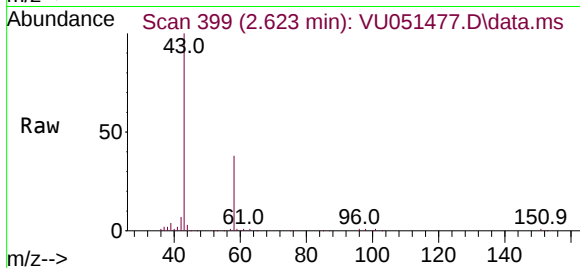
ClientSampleId :

Tgt Ion: 43 Resp: 206639

Ion Ratio Lower Upper

43 100

58 36.9 0.0 70.2



#14

Carbon disulfide

Concen: 44.958 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051477.D

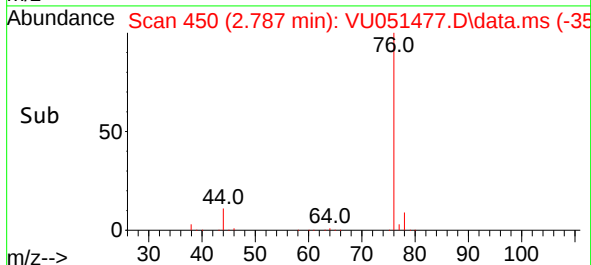
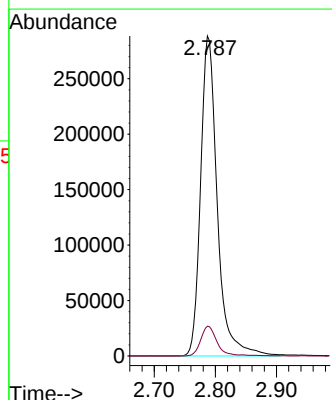
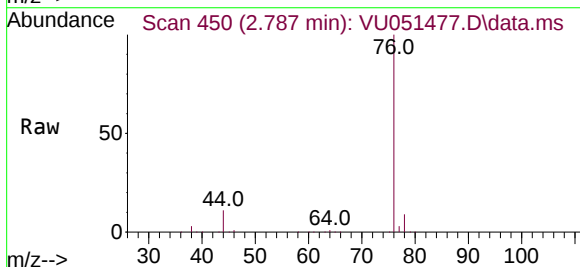
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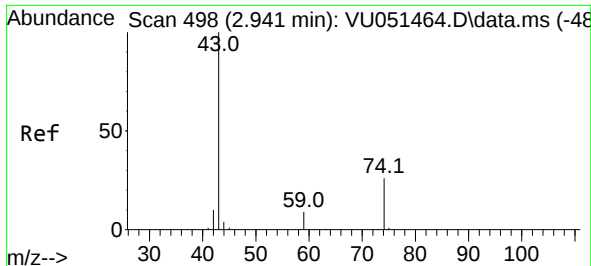
Tgt Ion: 76 Resp: 547013

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

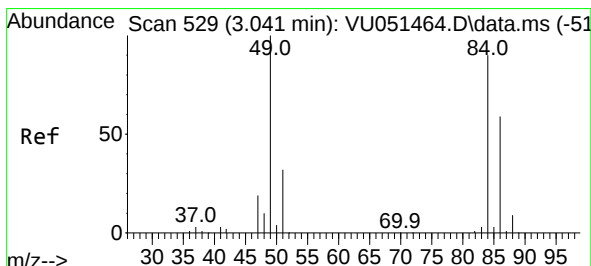
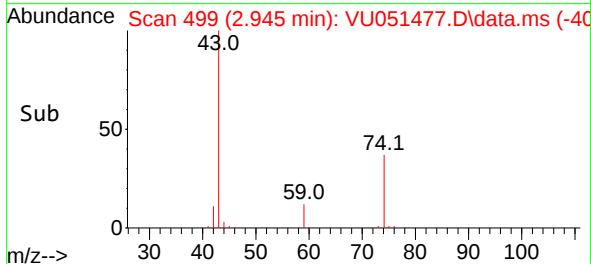
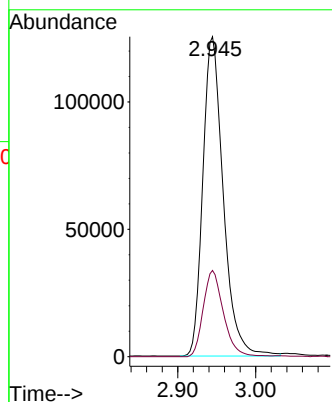
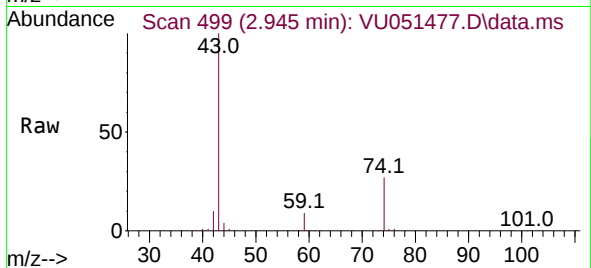




#15
Methyl Acetate
Concen: 47.063 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

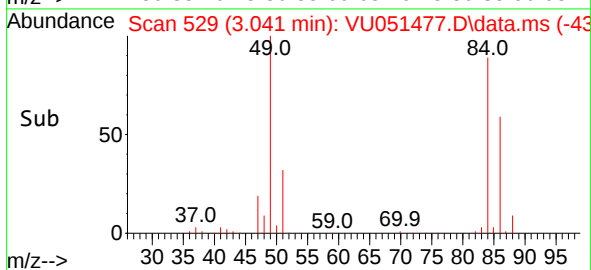
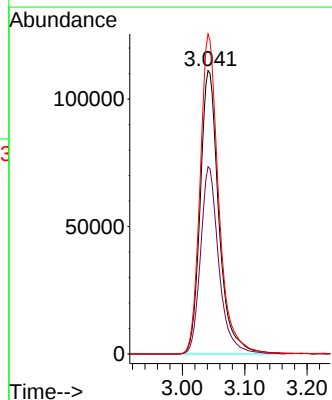
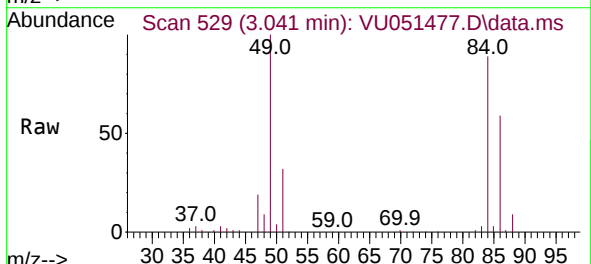
Instrument :
MSVOA_U
ClientSampleId :

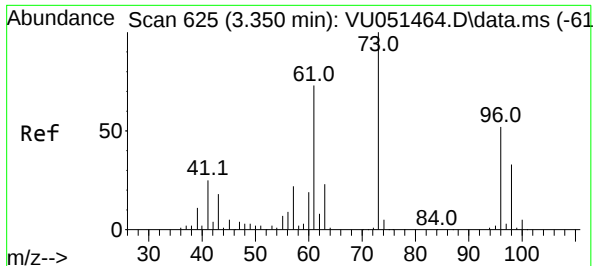
Tgt Ion: 43 Resp: 228659
Ion Ratio Lower Upper
43 100
74 26.7 21.1 31.7



#16
Methylene chloride
Concen: 47.121 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion: 84 Resp: 231053
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.2
49 112.9 78.1 145.1





#17

trans-1,2-Dichloroethene

Concen: 47.439 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

ClientSampleId :

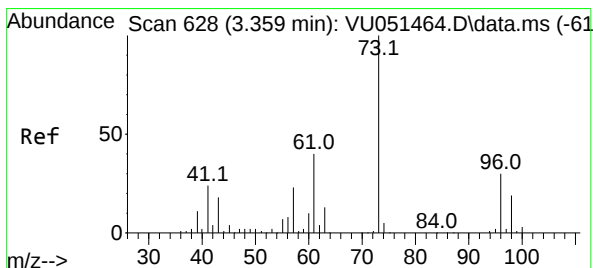
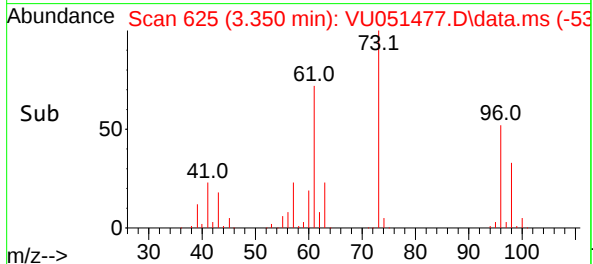
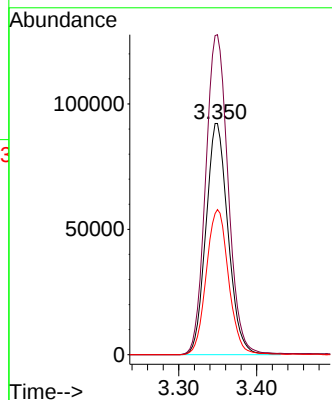
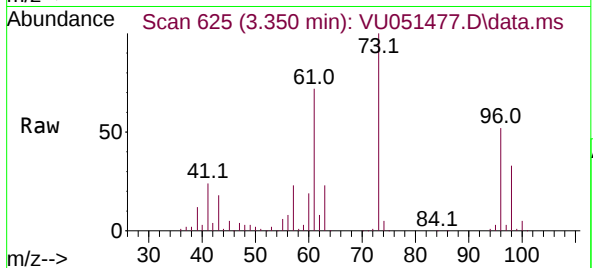
Tgt Ion: 96 Resp: 182254

Ion Ratio Lower Upper

96 100

61 138.4 98.1 182.1

98 62.8 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.484 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

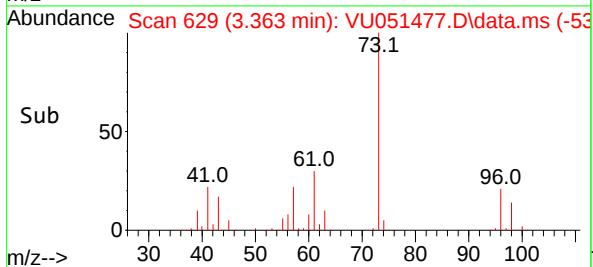
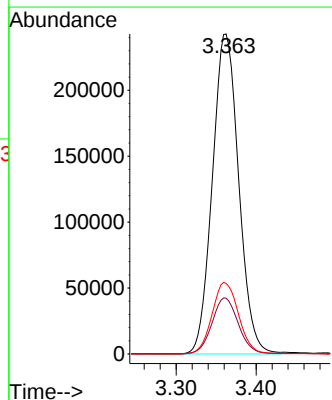
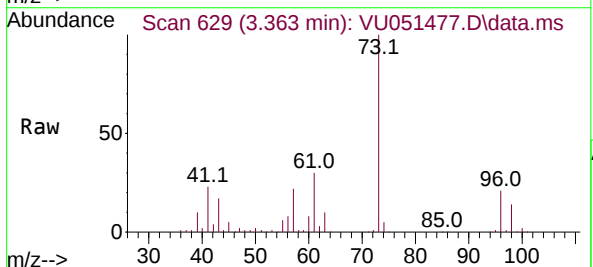
Tgt Ion: 73 Resp: 554624

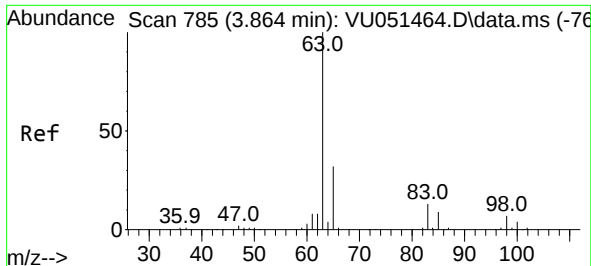
Ion Ratio Lower Upper

73 100

43 17.3 13.9 20.9

57 22.6 17.7 26.5





#19

1,1-Dichloroethane

Concen: 47.659 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU051477.D

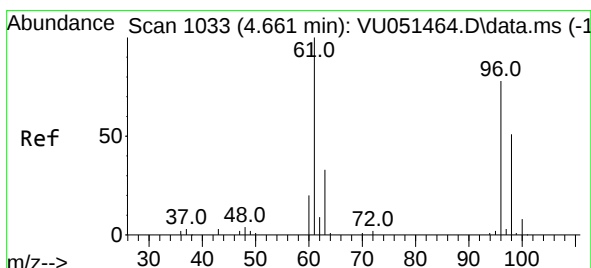
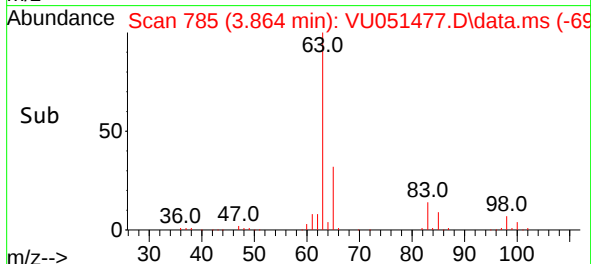
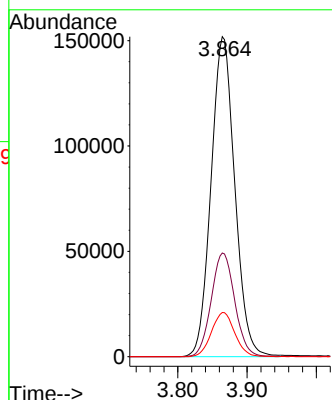
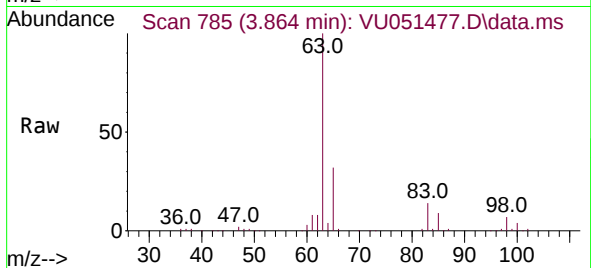
Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 361146
Ion Ratio	Lower Upper
63	100
65	32.4 22.1 41.1
83	13.8 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 49.082 ug/L

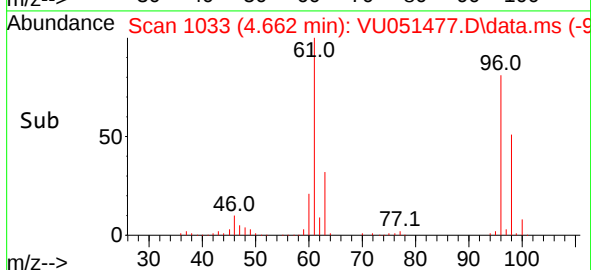
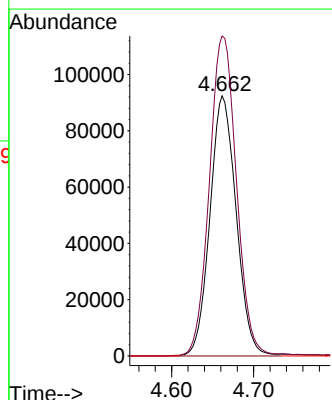
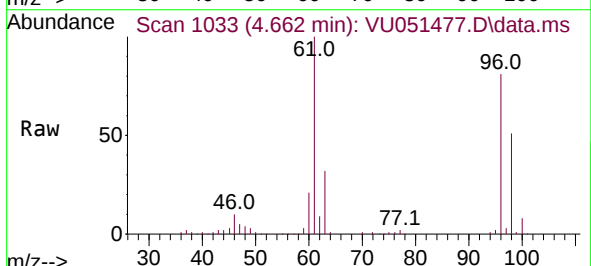
RT: 4.662 min Scan# 1033

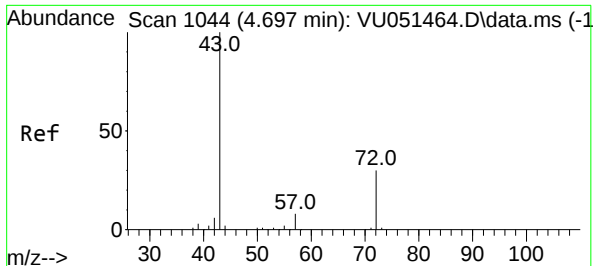
Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Tgt Ion: 96	Resp: 205723
Ion Ratio	Lower Upper
96	100
61	123.0 89.7 166.7
68	0.0 0.0 0.0

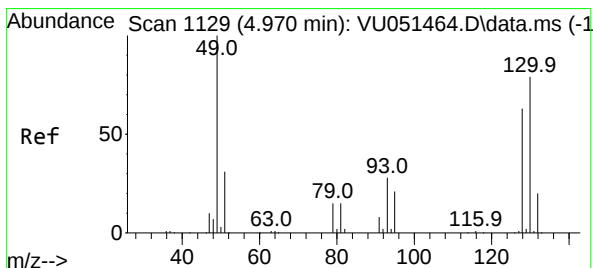
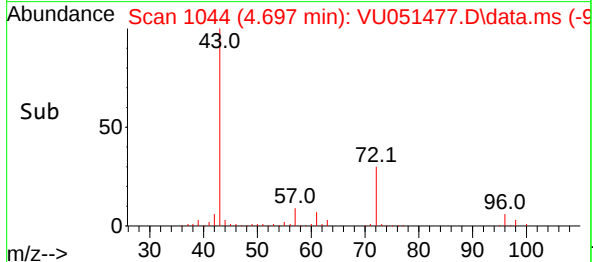
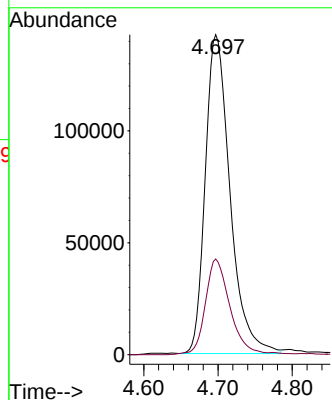
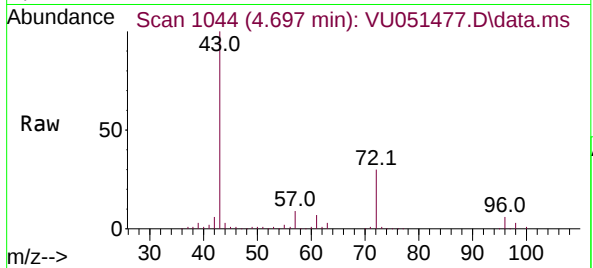




#22
2-Butanone
Concen: 88.475 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

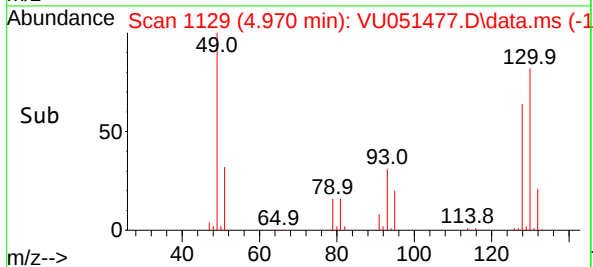
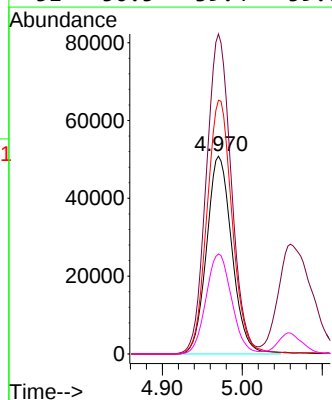
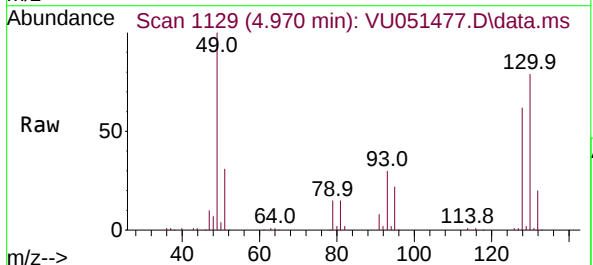
Instrument :
MSVOA_U
ClientSampleId :

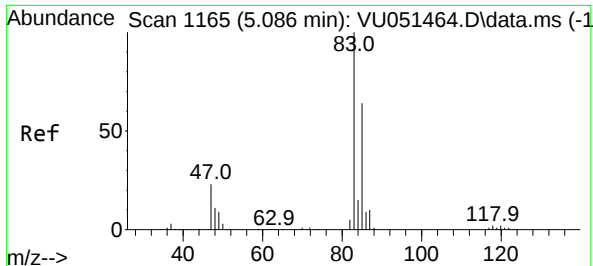
Tgt Ion: 43 Resp: 329881
Ion Ratio Lower Upper
43 100
72 29.6 15.2 45.6



#23
Bromochloromethane
Concen: 47.520 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion: 128 Resp: 111749
Ion Ratio Lower Upper
128 100
49 161.8 111.9 207.9
130 128.3 88.2 163.8
51 50.5 39.4 59.0





#25

Chloroform

Concen: 47.534 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

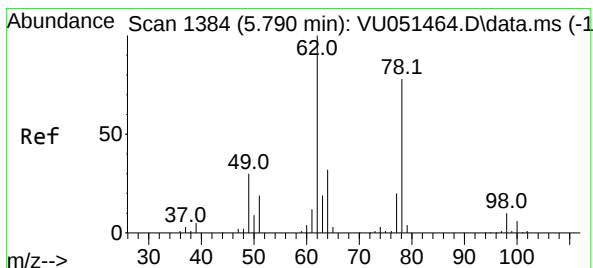
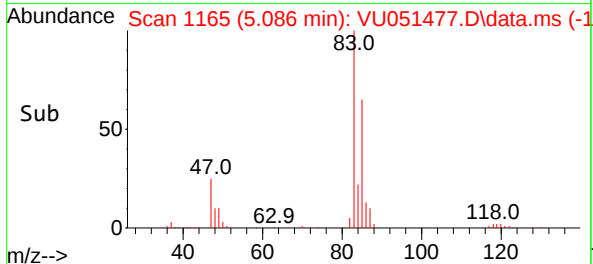
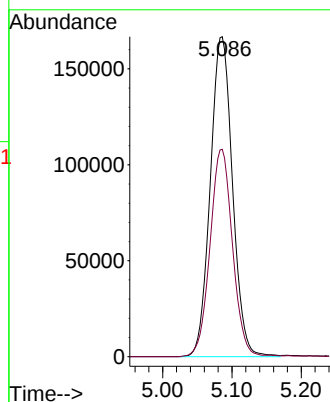
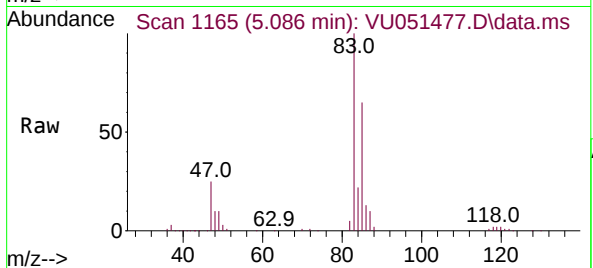
ClientSampleId :

Tgt Ion: 83 Resp: 371347

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.9



#27

1,2-Dichloroethane

Concen: 47.774 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU051477.D

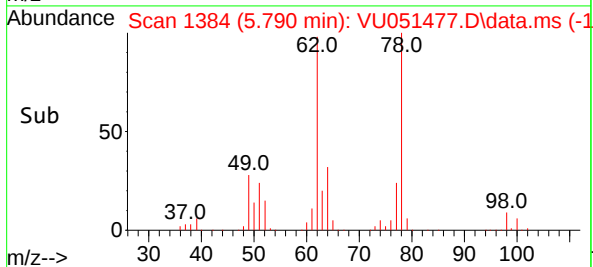
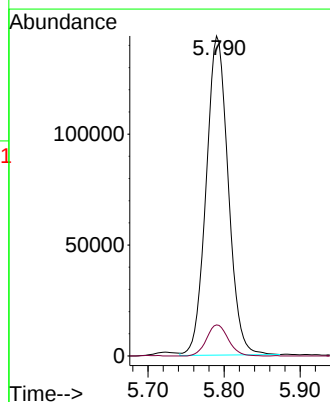
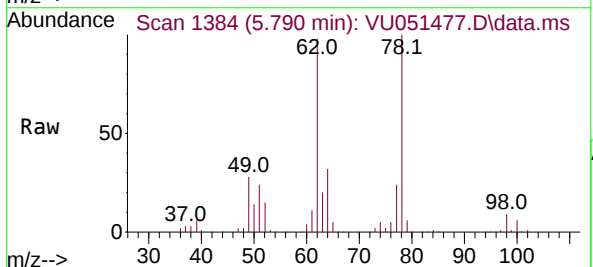
Acq: 20 Oct 2022 17:17

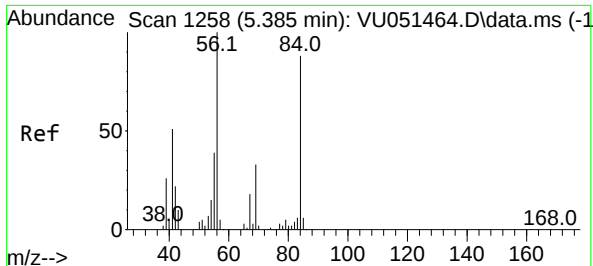
Tgt Ion: 62 Resp: 289805

Ion Ratio Lower Upper

62 100

98 9.7 8.0 12.0





#29

Cyclohexane

Concen: 51.627 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

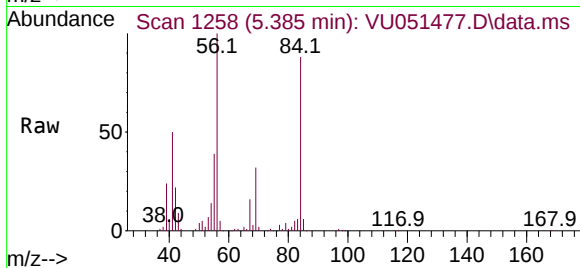
Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

ClientSampleId :



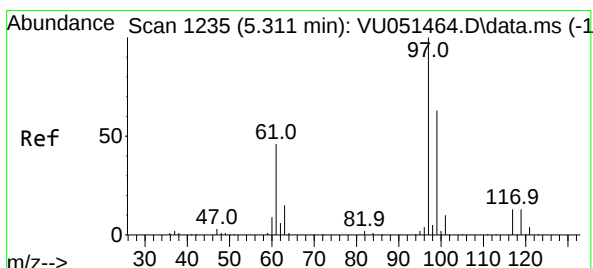
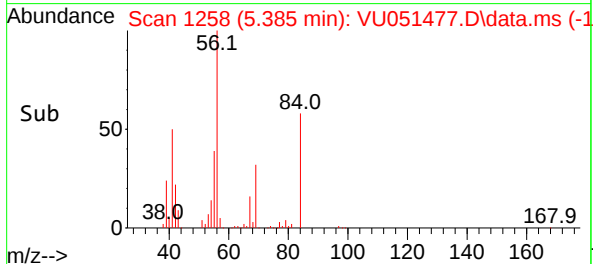
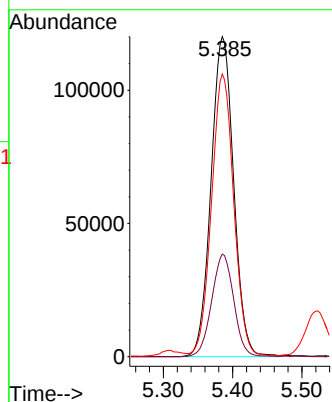
Tgt Ion: 56 Resp: 272500

Ion Ratio Lower Upper

56 100

69 31.1 25.5 38.3

84 86.6 69.8 104.6



#30

1,1,1-Trichloroethane

Concen: 47.925 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.003 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

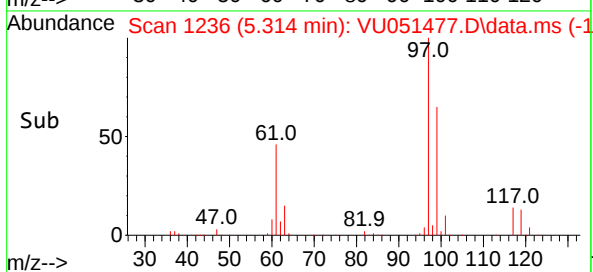
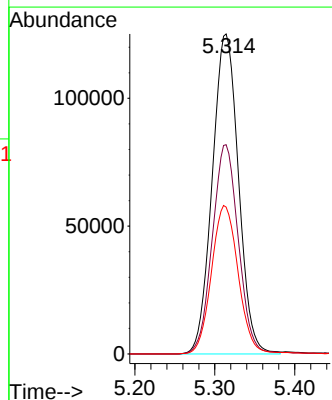
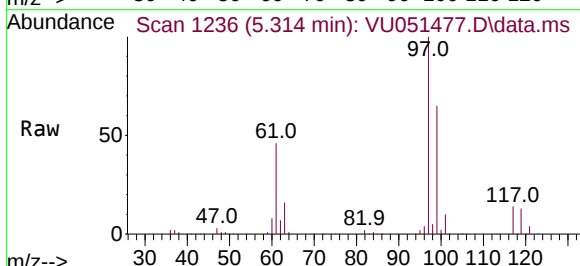
Tgt Ion: 97 Resp: 285576

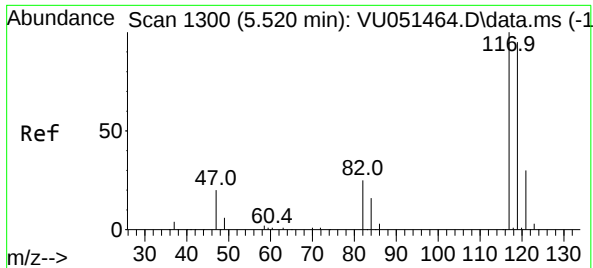
Ion Ratio Lower Upper

97 100

99 64.9 50.7 76.1

61 47.2 36.7 55.1

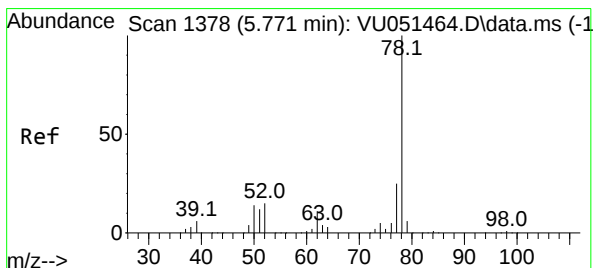
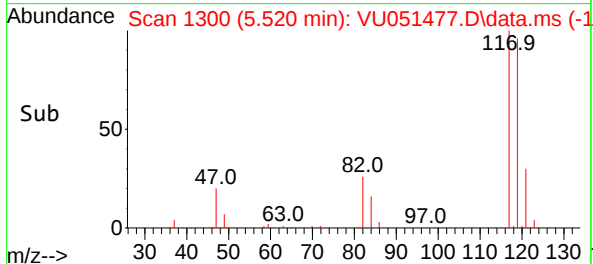
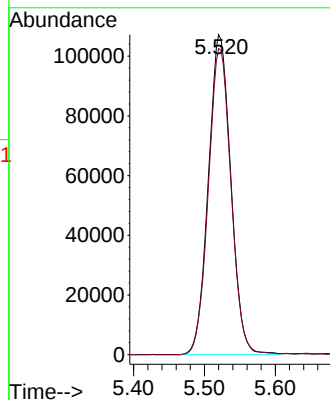
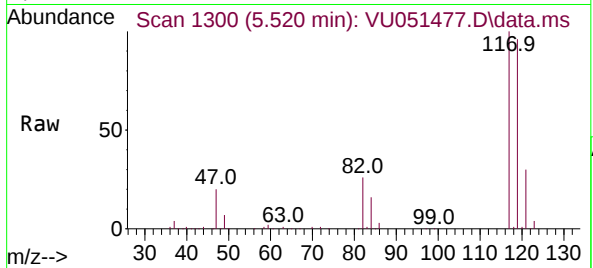




#31
Carbon tetrachloride
Concen: 46.935 ug/L
RT: 5.520 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

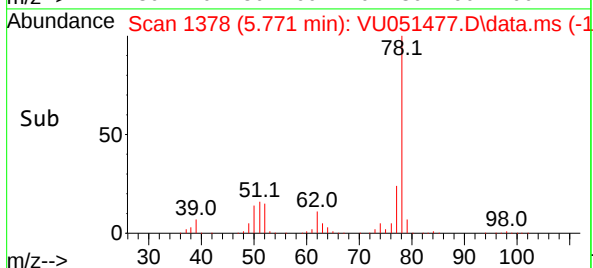
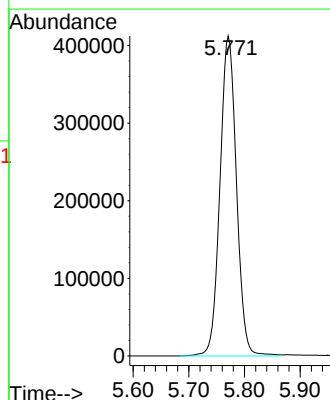
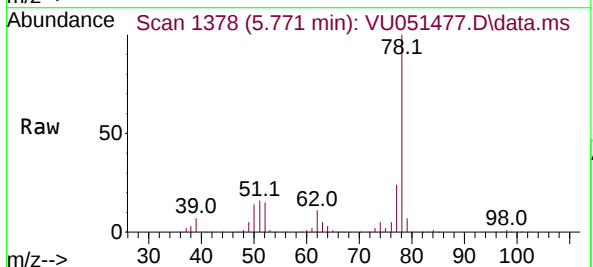
Instrument :
MSVOA_U
ClientSampleId :

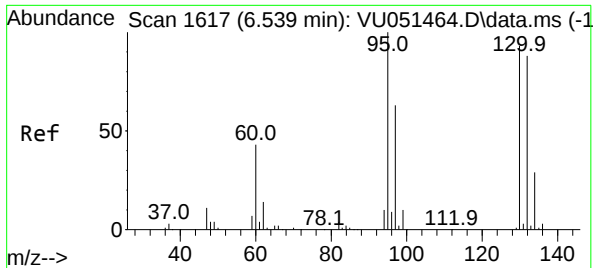
Tgt Ion:117 Resp: 236139
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 51.652 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

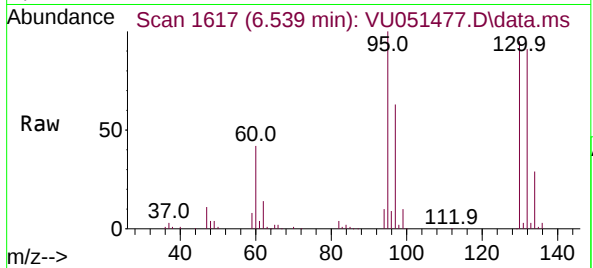
Tgt Ion: 78 Resp: 848290



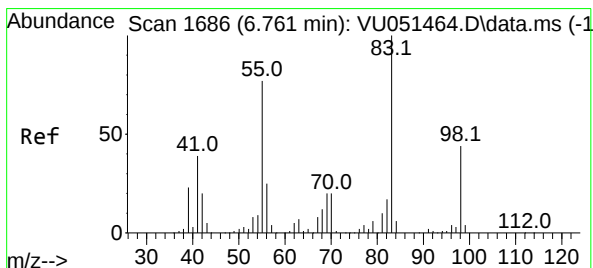
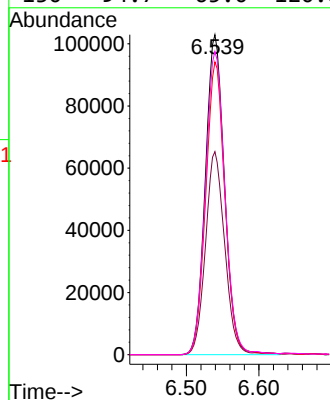
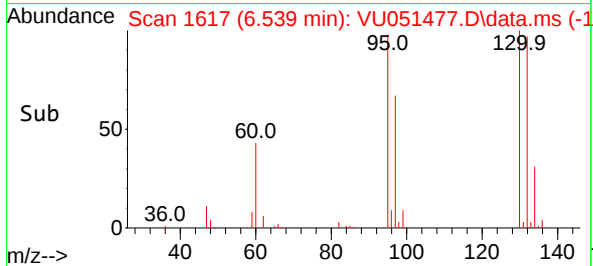


#34
Trichloroethene
Concen: 47.799 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

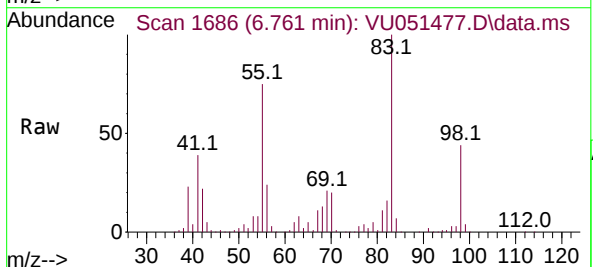
Instrument :
MSVOA_U
ClientSampleId :



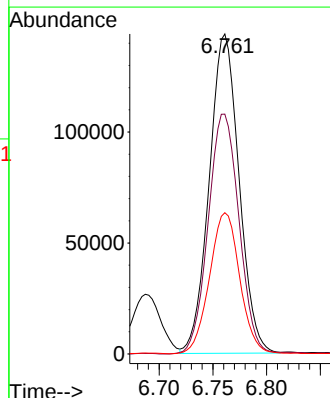
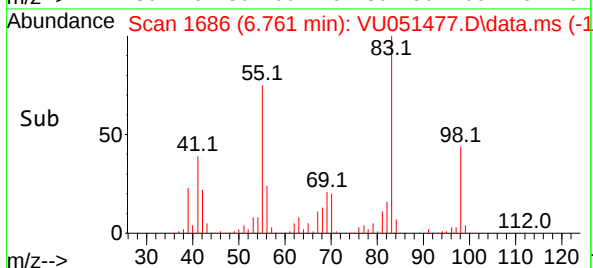
Tgt Ion: 95 Resp: 189431
Ion Ratio Lower Upper
95 100
97 63.5 43.8 81.4
132 91.5 61.9 114.9
130 94.7 65.0 120.8

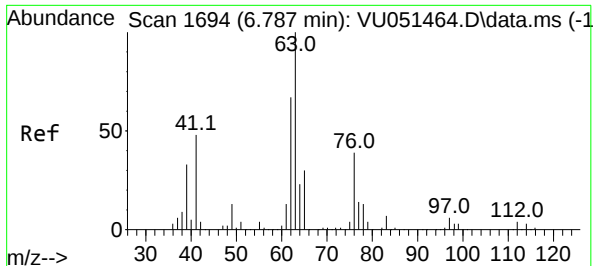


#35
Methylcyclohexane
Concen: 48.999 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17



Tgt Ion: 83 Resp: 277795
Ion Ratio Lower Upper
83 100
55 77.6 62.6 93.8
98 45.0 36.2 54.4

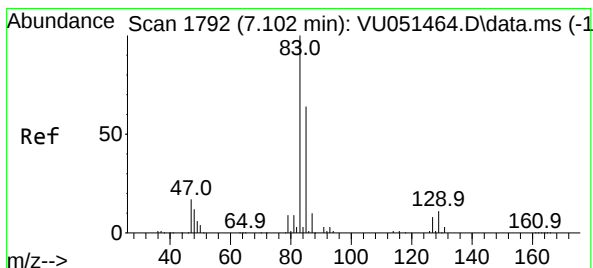
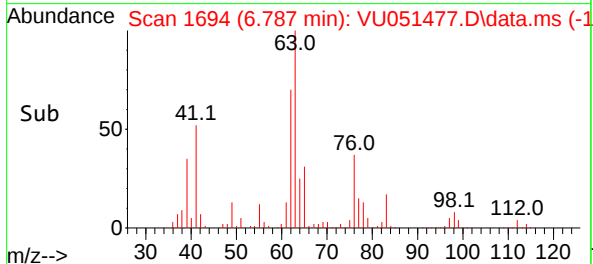
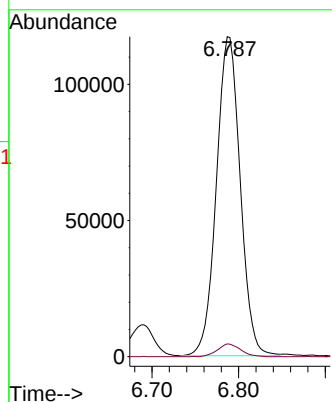
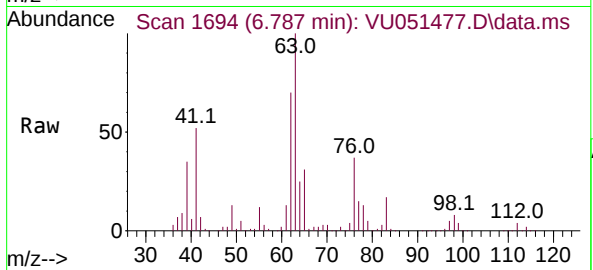




#37
1,2-Dichloropropane
Concen: 49.674 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

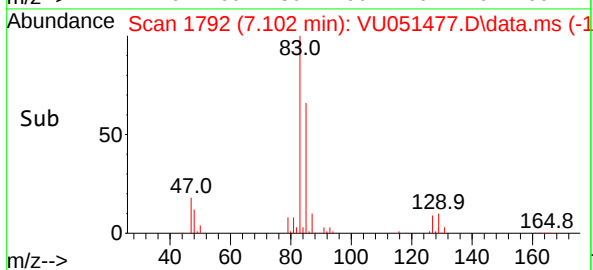
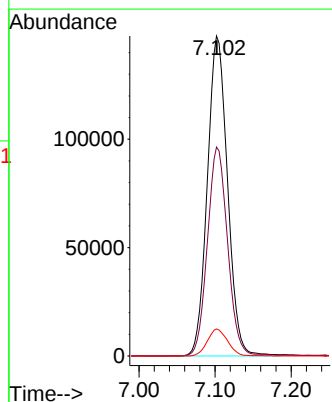
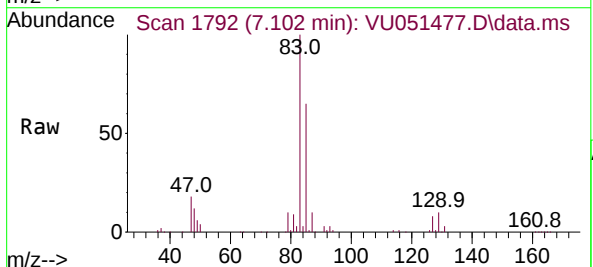
Instrument :
MSVOA_U
ClientSampleId :

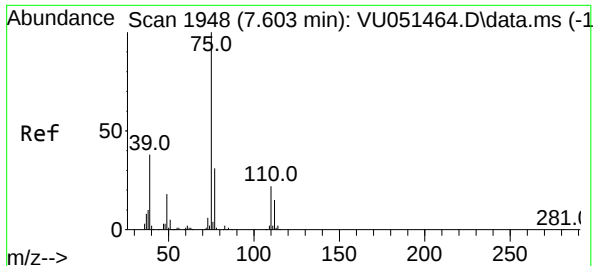
Tgt Ion: 63 Resp: 223725
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8



#38
Bromodichloromethane
Concen: 47.496 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion: 83 Resp: 272320
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.5
127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 51.263 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

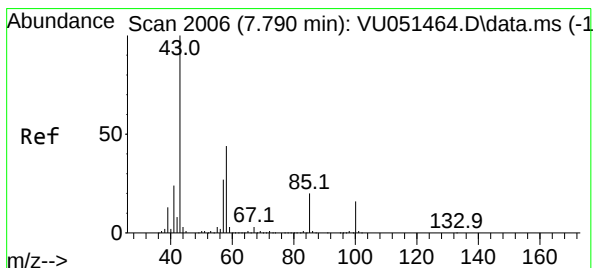
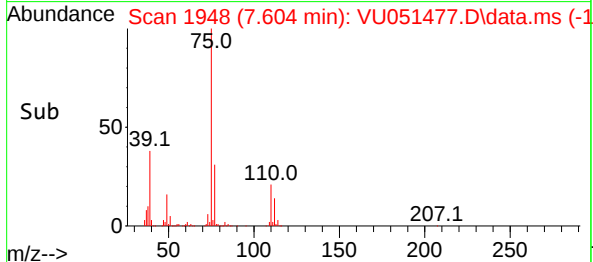
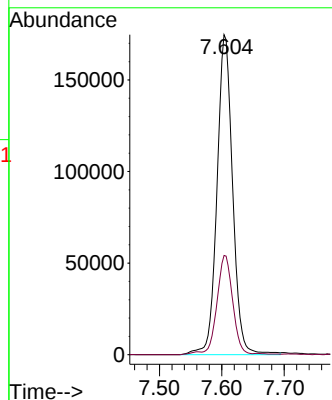
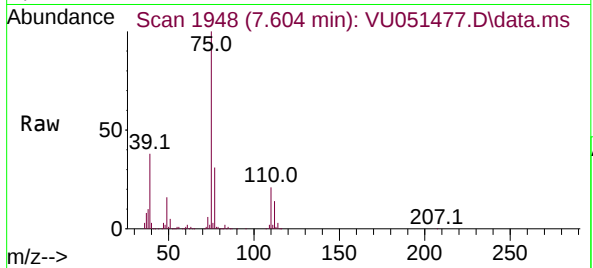
ClientSampleId :

Tgt Ion: 75 Resp: 304401

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 105.383 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

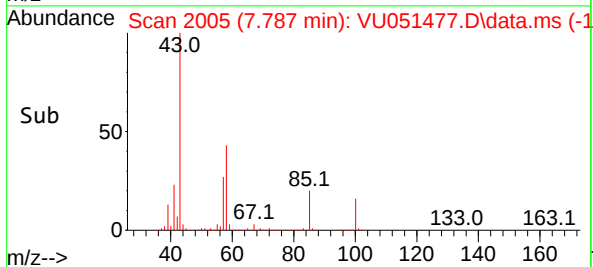
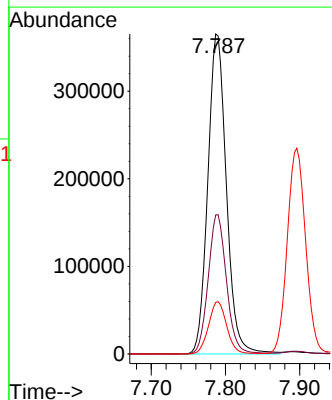
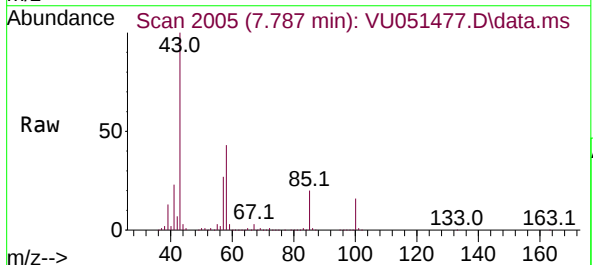
Tgt Ion: 43 Resp: 634184

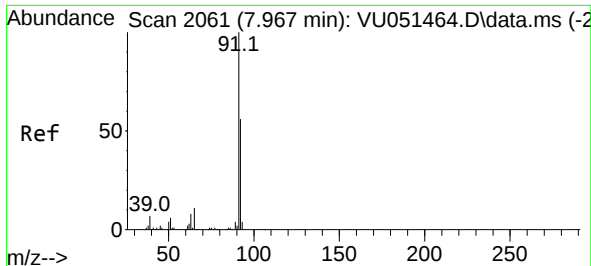
Ion Ratio Lower Upper

43 100

58 42.9 34.4 51.6

100 16.0 12.9 19.3





#42

Toluene

Concen: 52.834 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

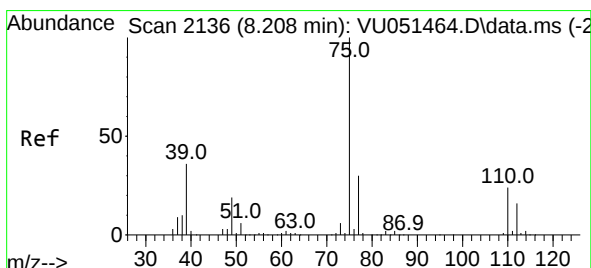
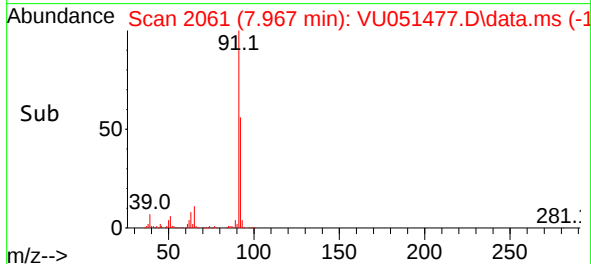
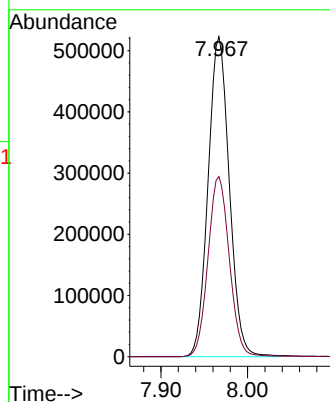
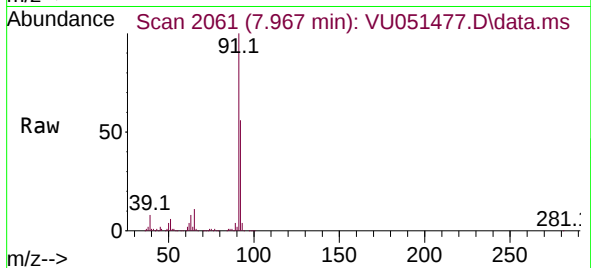
ClientSampleId :

Tgt Ion: 91 Resp: 890443

Ion Ratio Lower Upper

91 100

92 56.3 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 49.937 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051477.D

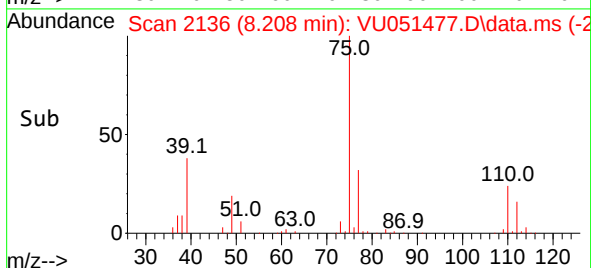
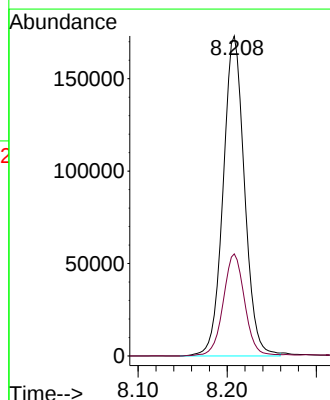
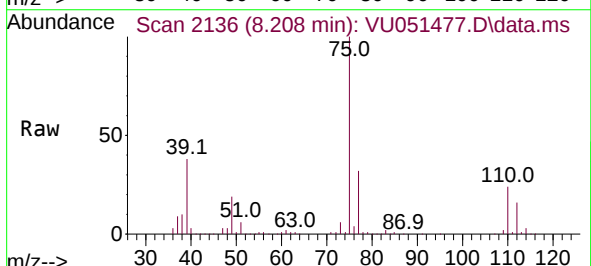
Acq: 20 Oct 2022 17:17

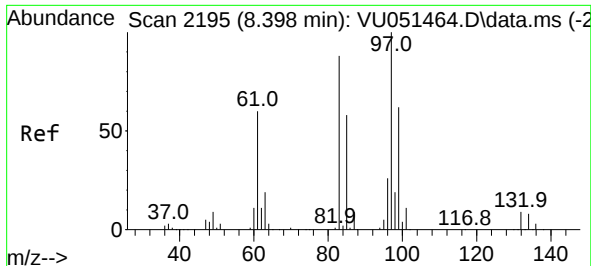
Tgt Ion: 75 Resp: 288571

Ion Ratio Lower Upper

75 100

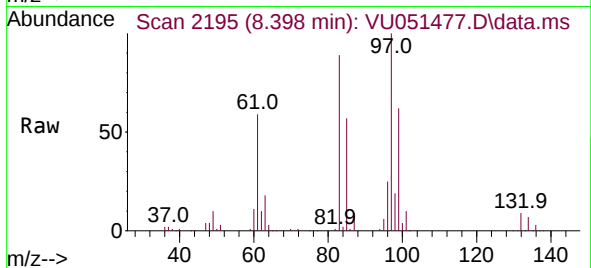
77 31.9 21.3 39.5



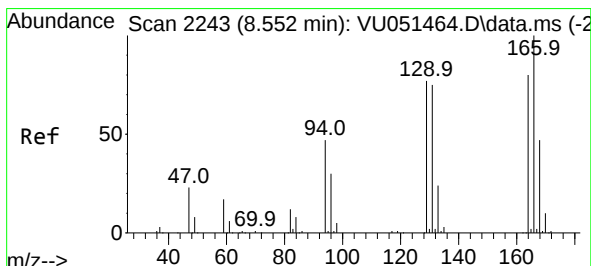
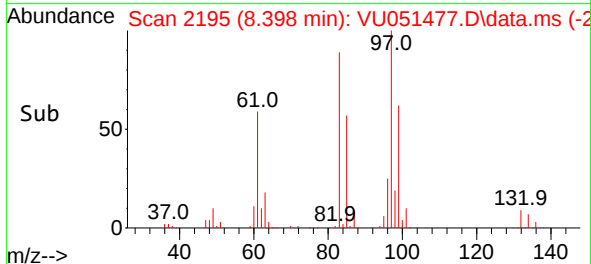
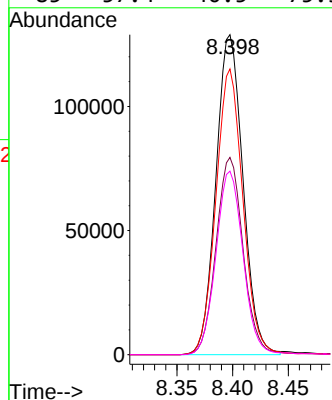


#45
1,1,2-Trichloroethane
Concen: 48.498 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Instrument :
MSVOA_U
ClientSampleId :

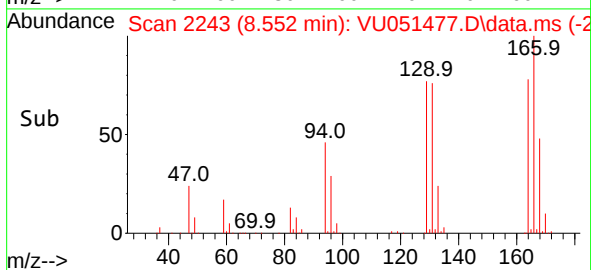
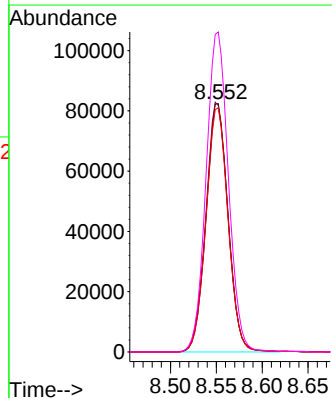
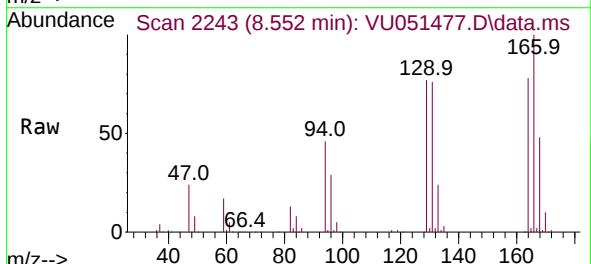


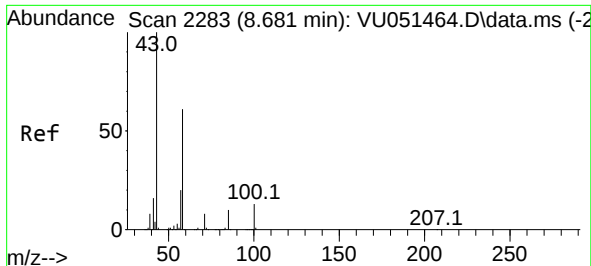
Tgt Ion:	97	Resp:	218006
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.6	81.0
83	89.3	61.8	114.8
85	57.4	40.5	75.3



#46
Tetrachloroethene
Concen: 46.666 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion:	164	Resp:	138050
Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.3	124.9
131	98.3	65.2	121.0
166	128.8	87.0	161.6

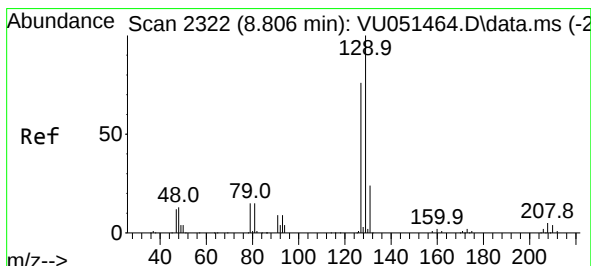
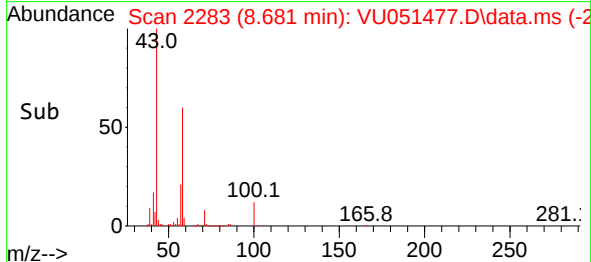
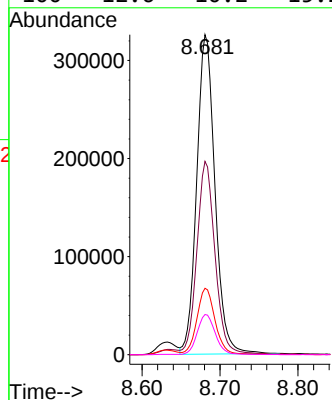
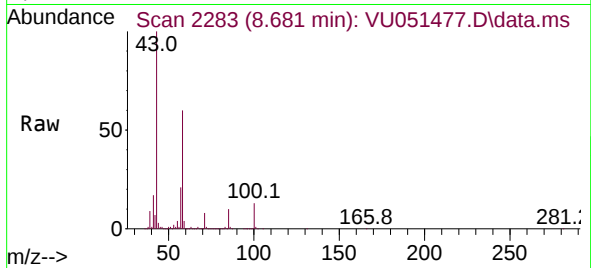




#48
2-Hexanone
Concen: 103.198 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

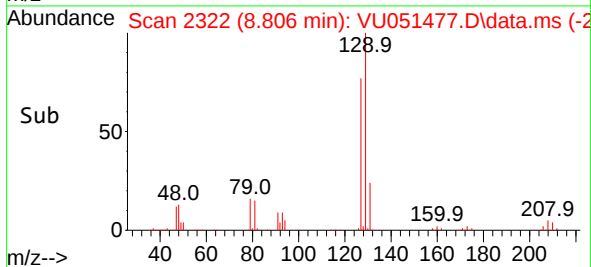
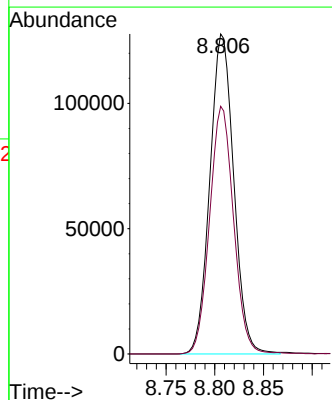
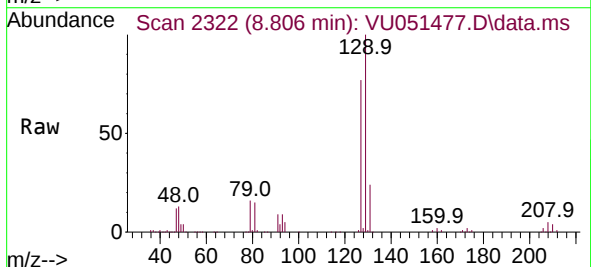
Instrument :
MSVOA_U
ClientSampleId :

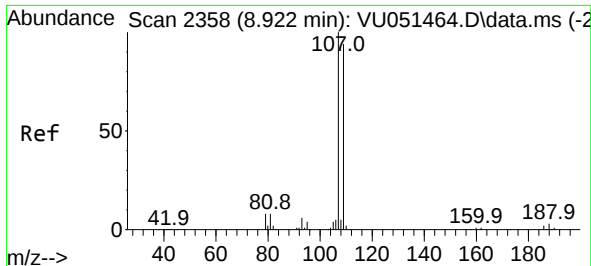
Tgt Ion: 43 Resp: 530687
Ion Ratio Lower Upper
43 100
58 59.8 48.2 72.4
57 20.7 16.4 24.6
100 12.6 10.2 15.2



#49
Dibromochloromethane
Concen: 47.348 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion: 129 Resp: 217842
Ion Ratio Lower Upper
129 100
127 77.4 53.1 98.5





#50

1,2-Dibromoethane

Concen: 49.177 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

ClientSampleId :

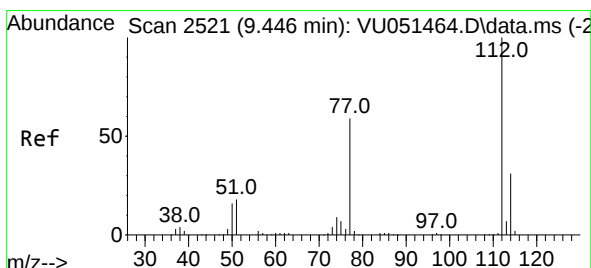
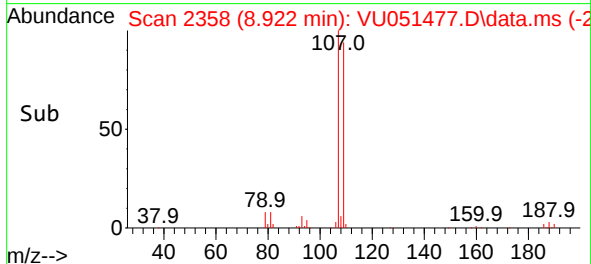
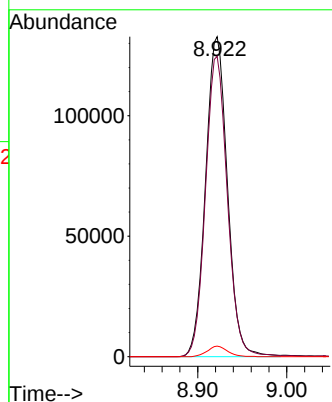
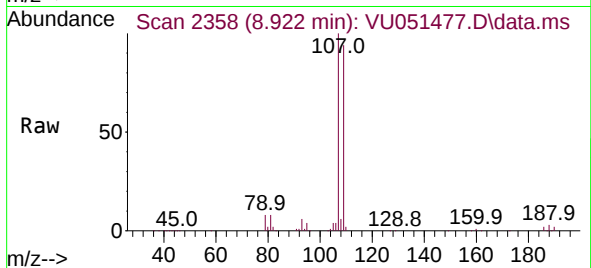
Tgt Ion:107 Resp: 226526

Ion Ratio Lower Upper

107 100

109 93.9 65.8 122.2

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 49.217 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

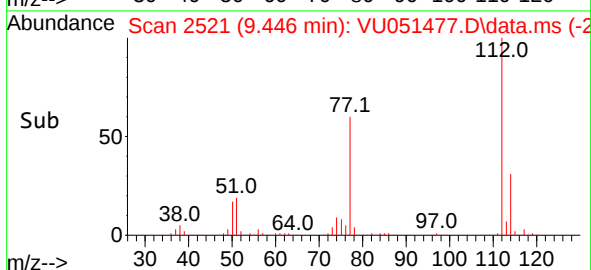
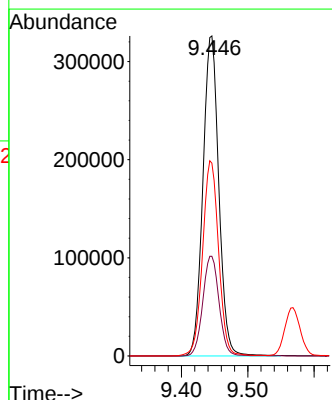
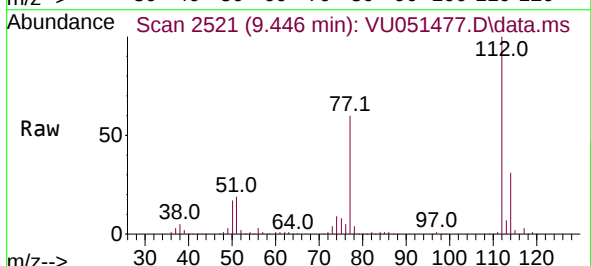
Tgt Ion:112 Resp: 543186

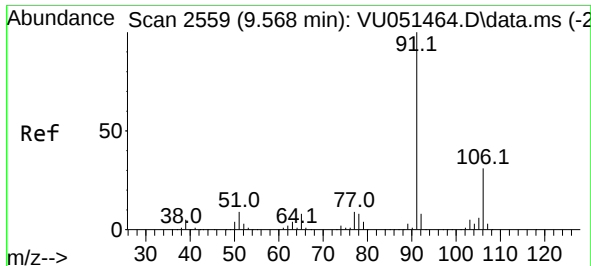
Ion Ratio Lower Upper

112 100

114 31.2 21.9 40.7

77 60.2 47.3 70.9

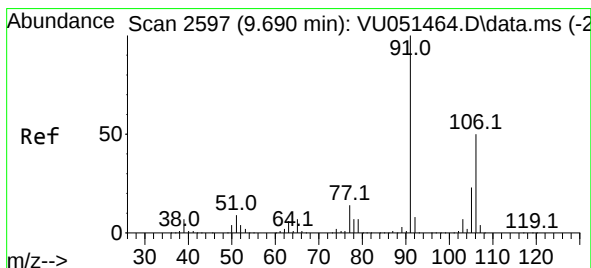
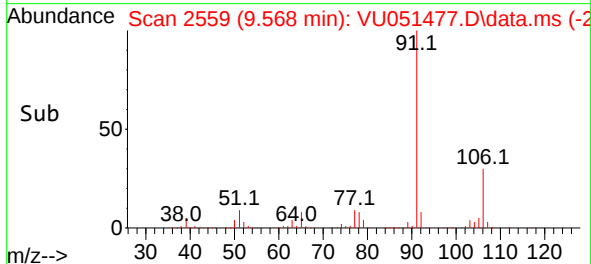
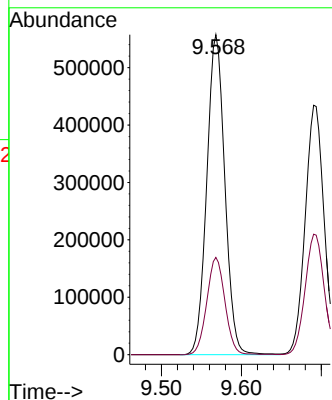
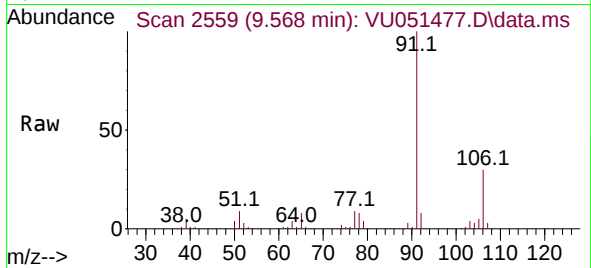




#52
Ethylbenzene
Concen: 51.628 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

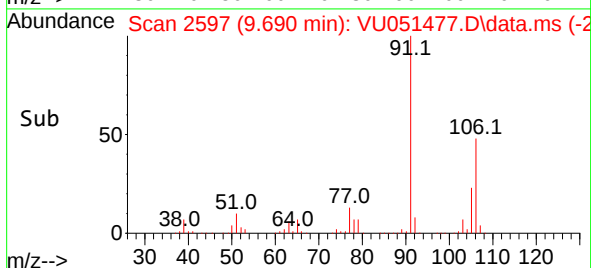
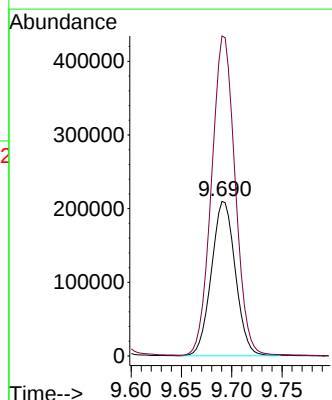
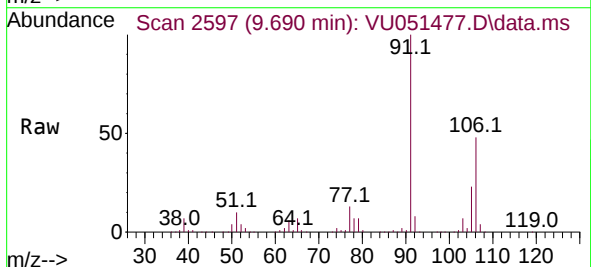
Instrument :
MSVOA_U
ClientSampleId :

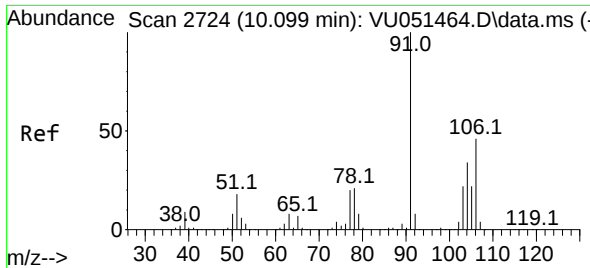
Tgt Ion: 91 Resp: 877446
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.6



#53
m,p-Xylene
Concen: 52.965 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion: 106 Resp: 346970
Ion Ratio Lower Upper
106 100
91 207.0 141.3 262.3

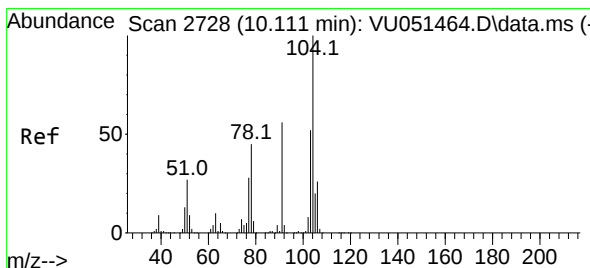
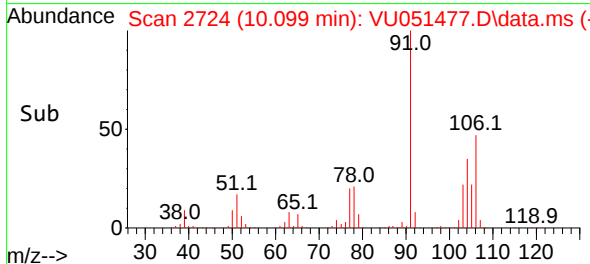
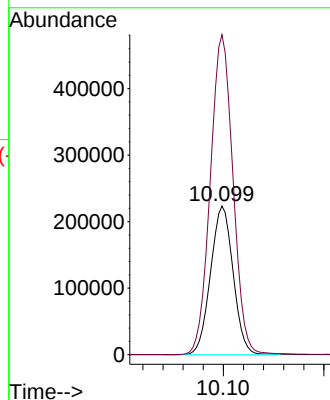
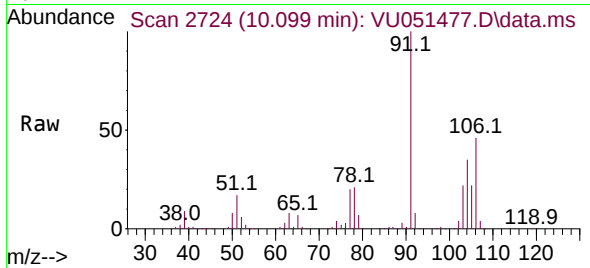




#54
o-Xylene
Concen: 53.618 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

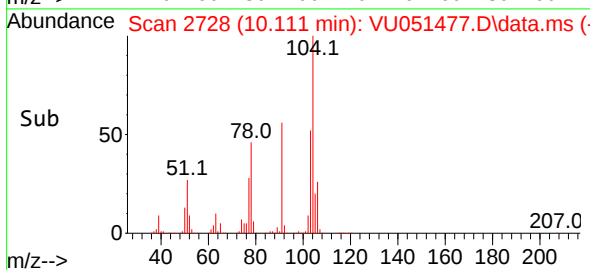
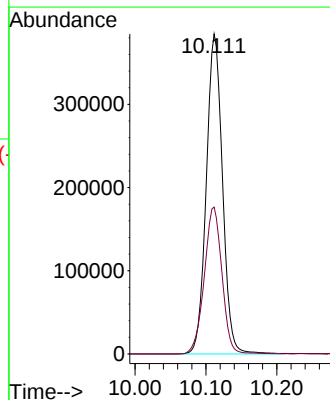
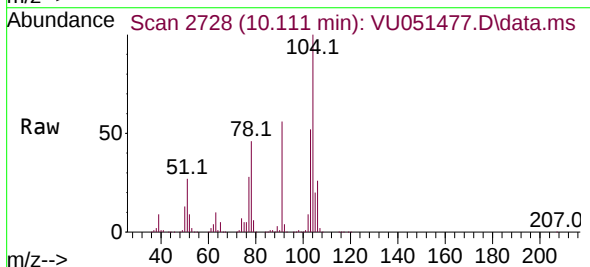
Instrument :
MSVOA_U
ClientSampleId :

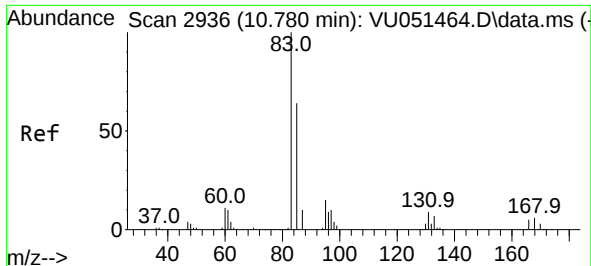
Tgt Ion:106 Resp: 348418
Ion Ratio Lower Upper
106 100
91 215.2 153.2 284.4



#55
Styrene
Concen: 54.094 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion:104 Resp: 610827
Ion Ratio Lower Upper
104 100
78 45.9 31.8 59.0

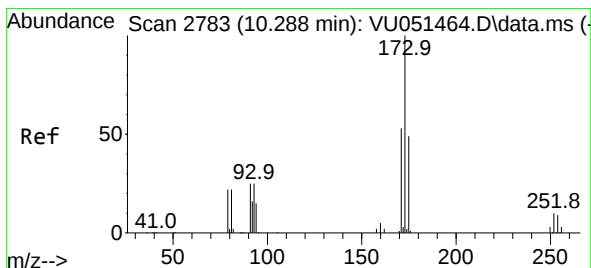
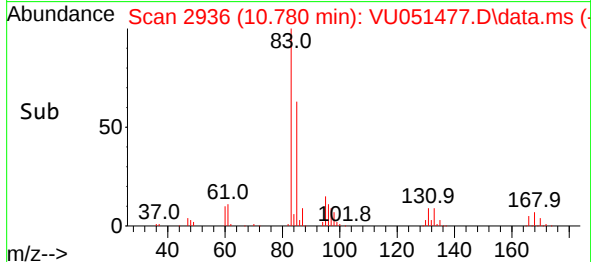
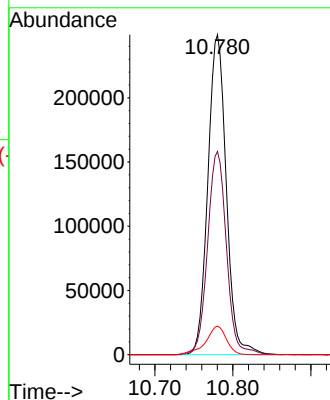
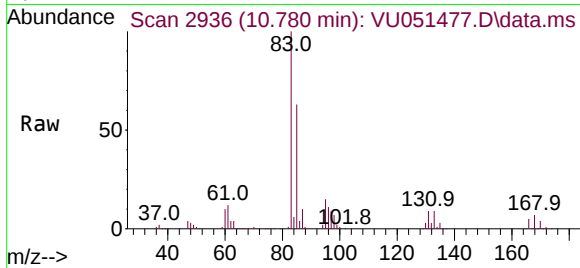




#57
1,1,2,2-Tetrachloroethane
Concen: 47.700 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

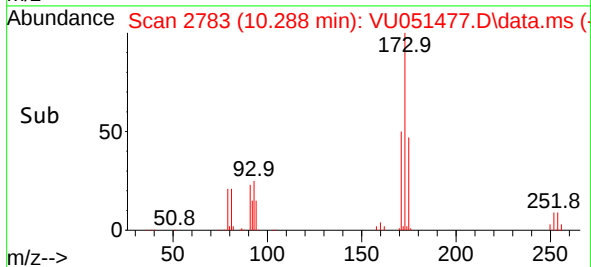
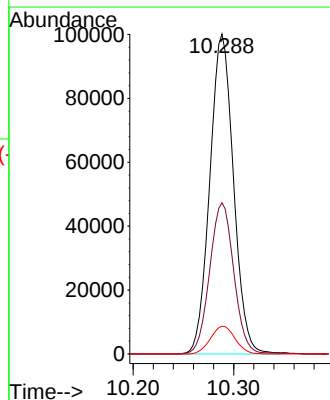
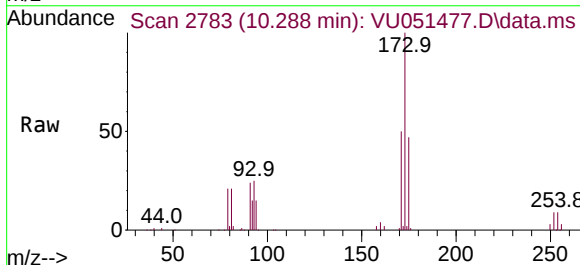
Instrument :
MSVOA_U
ClientSampleId :

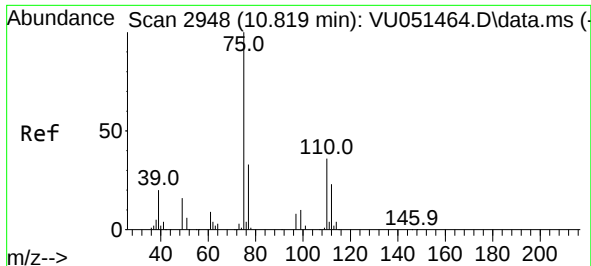
Tgt Ion: 83 Resp: 409139
Ion Ratio Lower Upper
83 100
85 63.5 44.9 83.5
131 8.9 7.4 11.2



#59
Bromoform
Concen: 45.321 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion:173 Resp: 163960
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
254 9.0 7.8 11.6

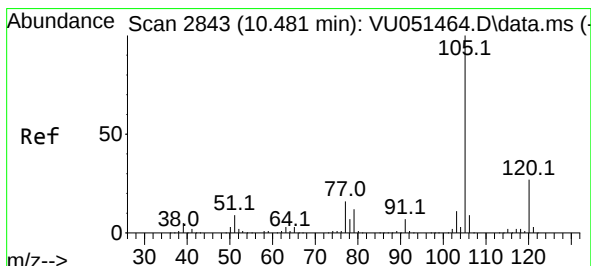
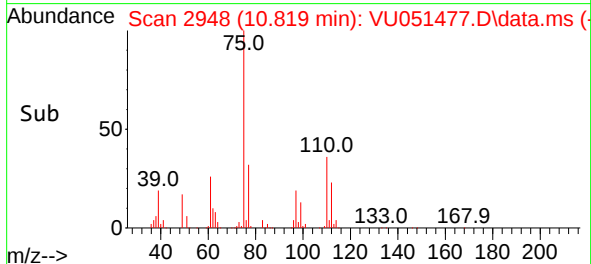
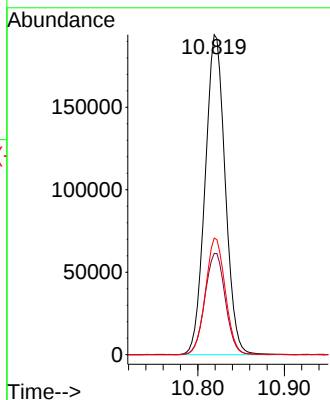
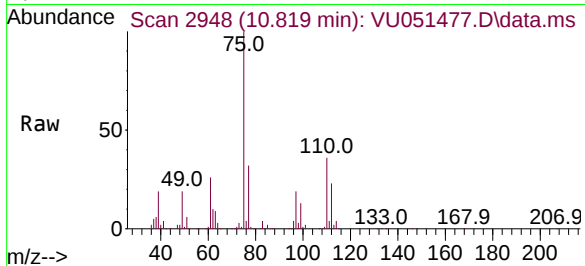




#60
1,2,3-Trichloropropane
Concen: 46.432 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

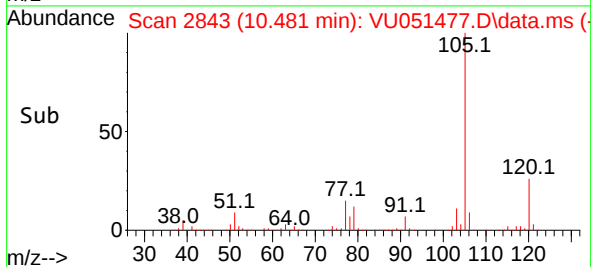
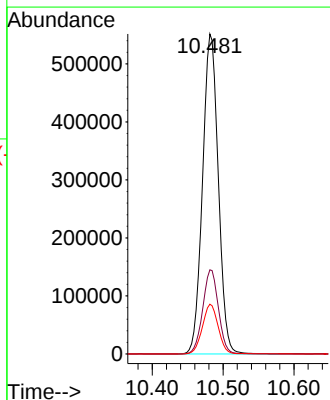
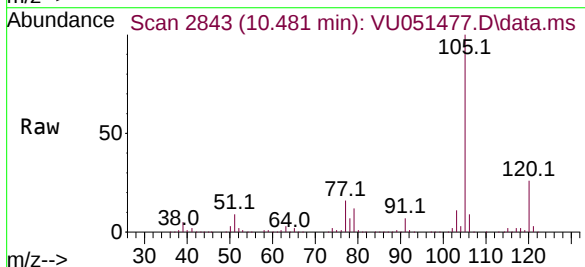
Instrument :
MSVOA_U
ClientSampleId :

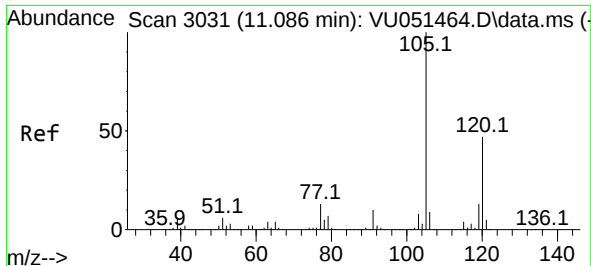
Tgt Ion: 75 Resp: 312558
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 36.0 28.7 43.1



#61
Isopropylbenzene
Concen: 52.171 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion: 105 Resp: 851030
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 15.5 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 52.772 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051477.D

Acq: 20 Oct 2022 17:17

Instrument :

MSVOA_U

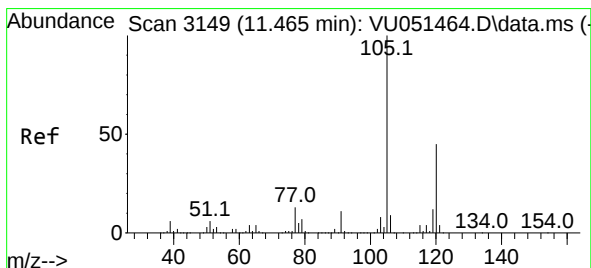
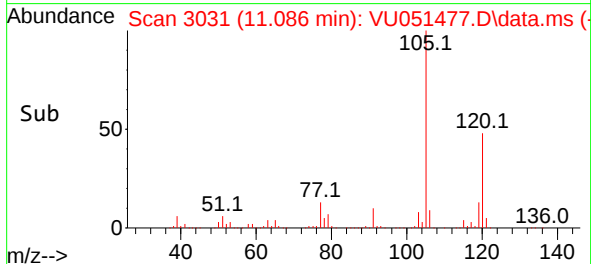
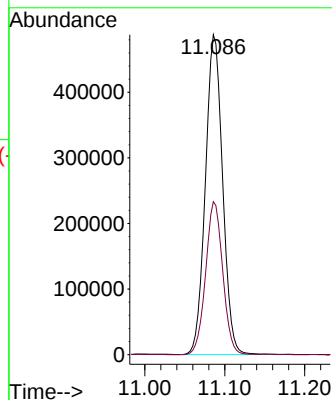
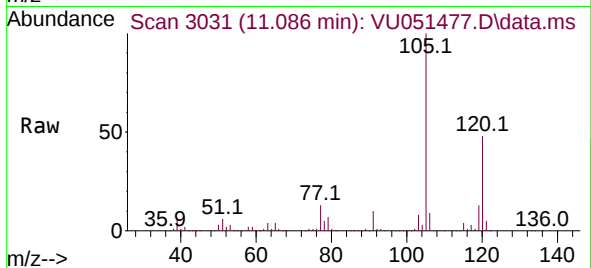
ClientSampleId :

Tgt Ion:105 Resp: 731255

Ion Ratio Lower Upper

105 100

120 47.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 53.457 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051477.D

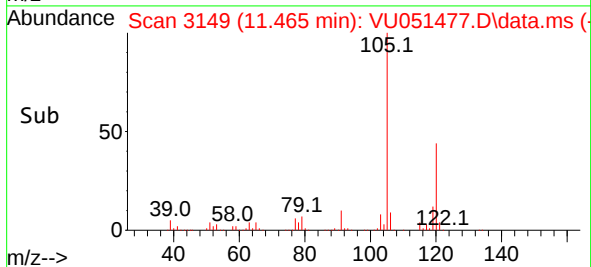
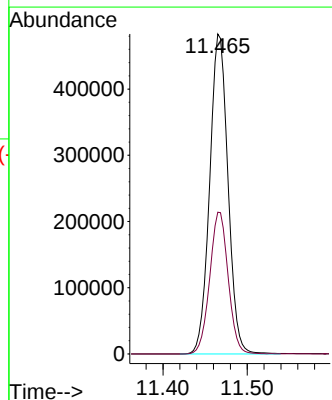
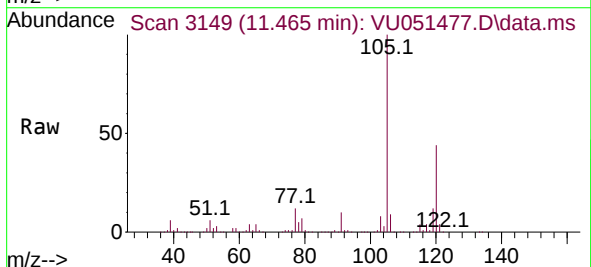
Acq: 20 Oct 2022 17:17

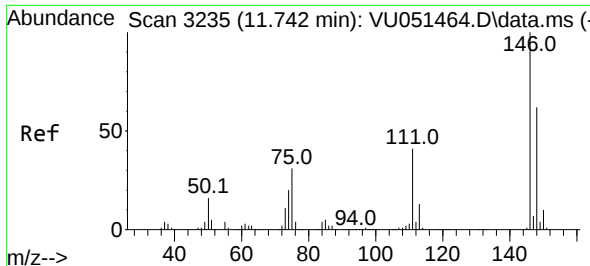
Tgt Ion:105 Resp: 729388

Ion Ratio Lower Upper

105 100

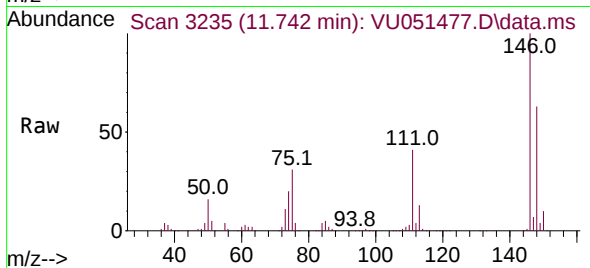
120 44.6 35.4 53.0



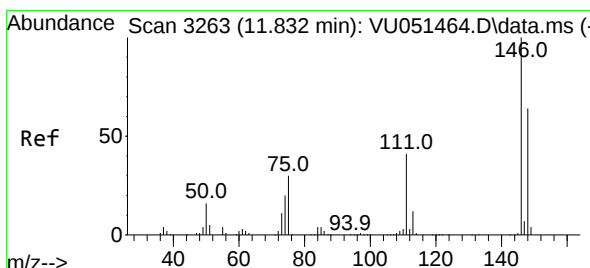
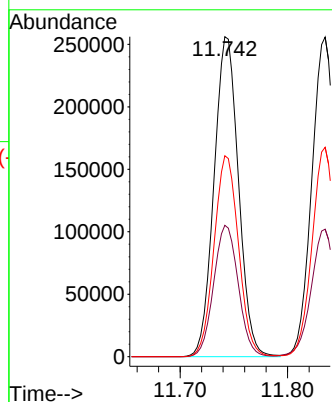
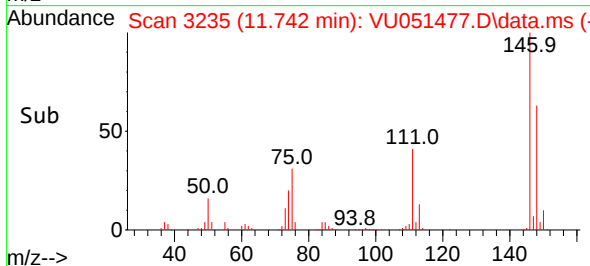


#64
1,3-Dichlorobenzene
Concen: 48.682 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

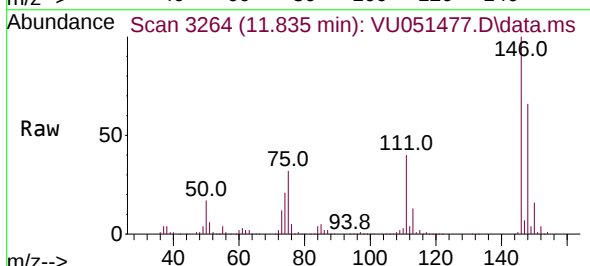
Instrument :
MSVOA_U
ClientSampleId :



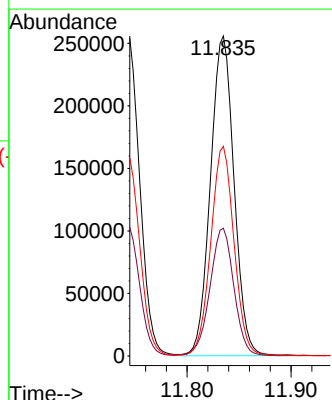
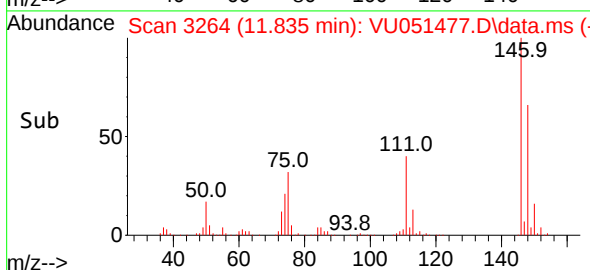
Tgt Ion:146 Resp: 405360
Ion Ratio Lower Upper
146 100
111 41.1 28.7 53.3
148 62.8 43.2 80.2

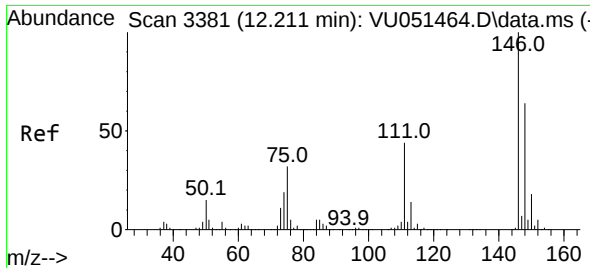


#65
1,4-Dichlorobenzene
Concen: 47.093 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17



Tgt Ion:146 Resp: 403261
Ion Ratio Lower Upper
146 100
111 39.9 28.9 53.7
148 65.5 44.6 82.8

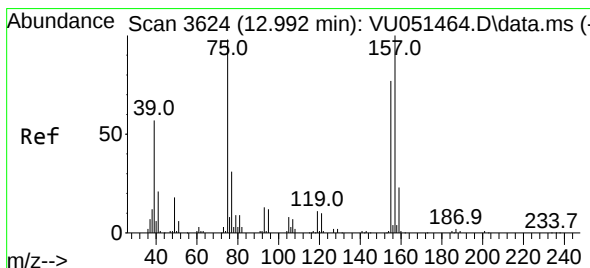
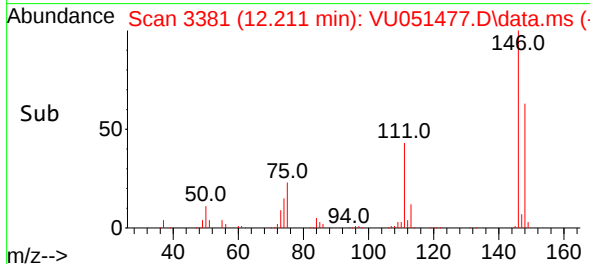
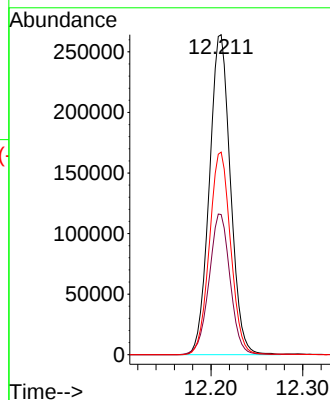
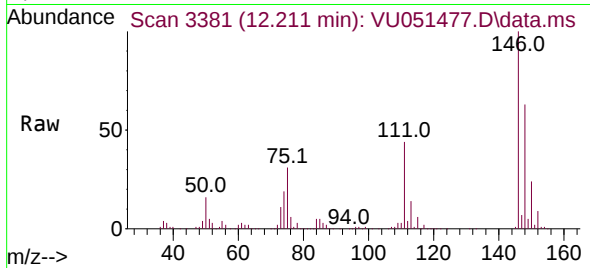




#67
 1,2-Dichlorobenzene
 Concen: 48.692 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.000 min
 Lab File: VU051477.D
 Acq: 20 Oct 2022 17:17

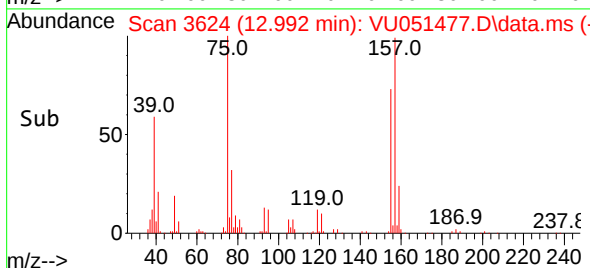
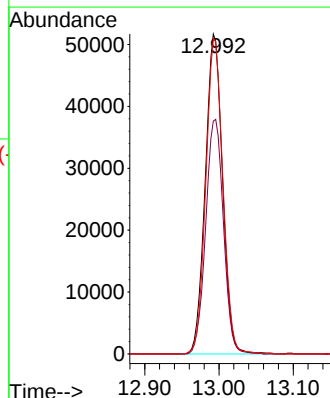
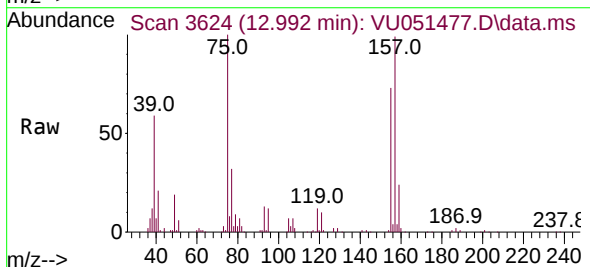
Instrument :
 MSVOA_U
 ClientSampleId :

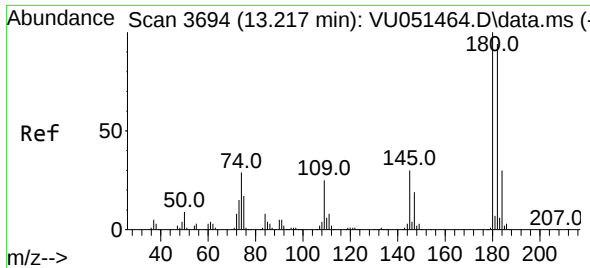
Tgt Ion:146 Resp: 422340
 Ion Ratio Lower Upper
 146 100
 111 43.8 35.3 52.9
 148 63.3 51.1 76.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 45.943 ug/L
 RT: 12.992 min Scan# 3624
 Delta R.T. 0.000 min
 Lab File: VU051477.D
 Acq: 20 Oct 2022 17:17

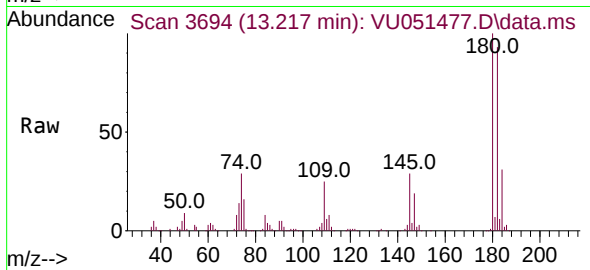
Tgt Ion: 75 Resp: 83472
 Ion Ratio Lower Upper
 75 100
 155 72.8 62.5 93.7
 157 98.6 81.6 122.4



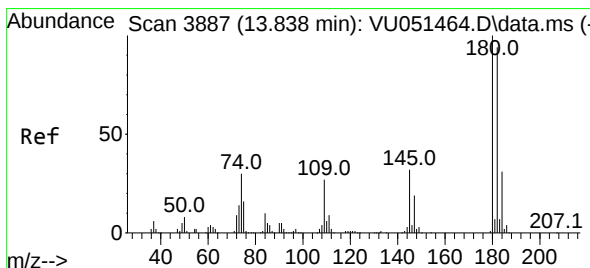
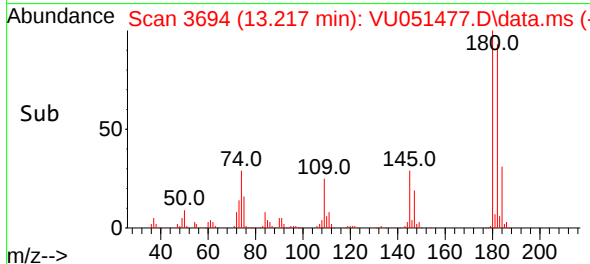
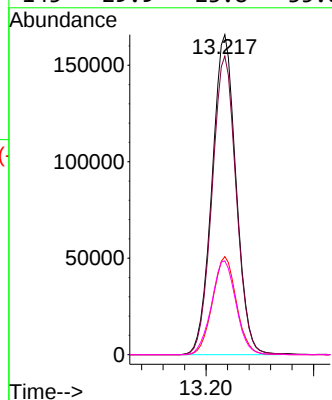


#69
 1,3,5-Trichlorobenzene
 Concen: 45.933 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051477.D
 Acq: 20 Oct 2022 17:17

Instrument :
 MSVOA_U
 ClientSampleId :

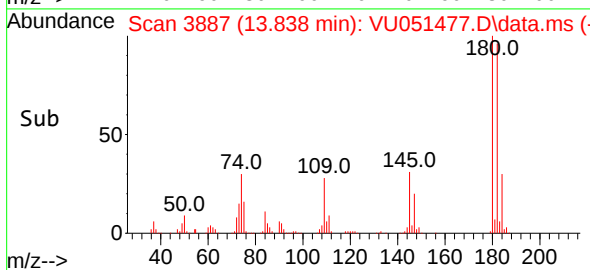
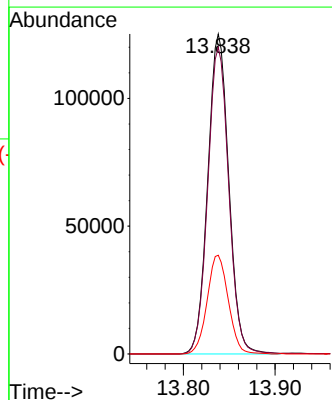
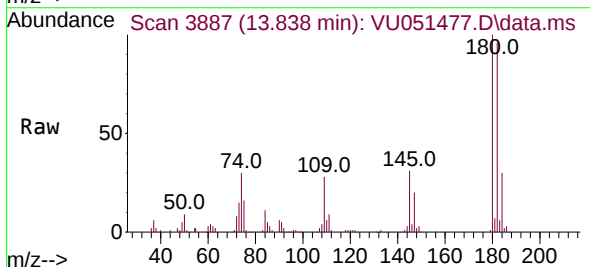


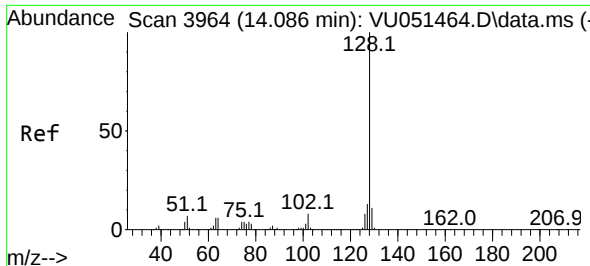
Tgt Ion:180 Resp: 256570
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.6 113.4
 184 30.4 23.9 35.9
 145 29.9 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 46.360 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051477.D
 Acq: 20 Oct 2022 17:17

Tgt Ion:180 Resp: 199373
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.2 114.4
 145 31.0 25.0 37.6

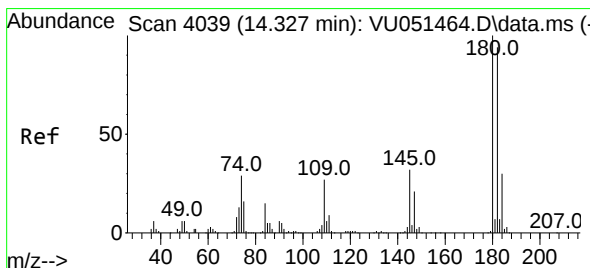
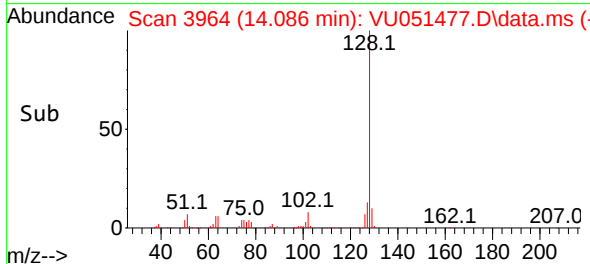
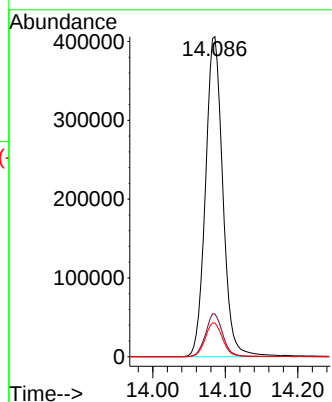
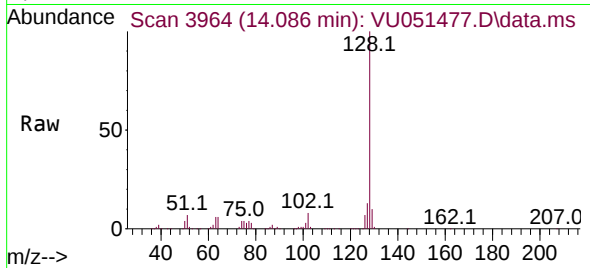




#71
Naphthalene
Concen: 48.979 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 674169
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 49.176 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051477.D
Acq: 20 Oct 2022 17:17

Tgt Ion:180 Resp: 227013
Ion Ratio Lower Upper
180 100
182 95.3 75.4 113.2
145 32.7 25.3 37.9

