

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056254.D
 Acq On : 13 Nov 2023 15:38
 Operator : MD/SY
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 13 23:31:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 13 23:28:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	319216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	306548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	157364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	238355	9.983	ug/L	0.00
7) Chloroethane-d5	1.908	69	181525	9.916	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.564	65	107399	10.192	ug/L	0.00
20) 2-Butanone-d5	4.615	46	495330	105.633	ug/L	0.00
24) Chloroform-d	5.056	84	470437	10.186	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	217601	10.197	ug/L	0.00
32) Benzene-d6	5.721	84	933219	10.218	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	280329	10.184	ug/L	0.00
41) Toluene-d8	7.891	98	847243	10.505	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	111119	10.525	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	460964	111.110	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	203237	10.333	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	276908	9.525	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	276571	10.935	ug/L	98
3) Chloromethane	1.515	50	280415	10.849	ug/L	96
5) Vinyl chloride	1.602	62	272729	10.952	ug/L	99
6) Bromomethane	1.853	94	140902	11.179	ug/L	94
8) Chloroethane	1.930	64	160342	10.540	ug/L	96
9) Trichlorofluoromethane	2.133	101	399062	11.120	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	236280	11.090	ug/L	100
12) 1,1-Dichloroethene	2.577	96	219299	11.223	ug/L	93
13) Acetone	2.628	43	438172	108.059	ug/L	100
14) Carbon disulfide	2.789	76	697682	10.972	ug/L	99
15) Methyl Acetate	2.946	43	78261	11.294	ug/L	98
16) Methylene chloride	3.040	84	244539	9.456	ug/L	98
17) Methyl tert-butyl Ether	3.355	73	532513	11.216	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	226611	11.271	ug/L	98
19) 1,1-Dichloroethane	3.863	63	442832	11.119	ug/L	99
21) 2-Butanone	4.695	43	581613	114.372	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	258197	11.324	ug/L	97
23) Bromochloromethane	4.969	128	104804	11.167	ug/L	94
25) Chloroform	5.081	83	457976	10.614	ug/L	97
27) 1,2-Dichloroethane	5.785	62	265248	10.827	ug/L	98
29) 1,1,1-Trichloroethane	5.310	97	398712	11.331	ug/L	99
30) Cyclohexane	5.383	56	385440	11.541	ug/L	99
31) Carbon tetrachloride	5.519	117	341098	11.286	ug/L	98
33) Benzene	5.766	78	994875	11.374	ug/L	100
34) Trichloroethene	6.535	95	265550	11.143	ug/L	98
35) Methylcyclohexane	6.760	83	403004	11.713	ug/L	100
37) 1,2-Dichloropropane	6.785	63	257057	11.269	ug/L	99
38) Bromodichloromethane	7.100	83	318110	10.803	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	380207	11.344	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	1296618	114.672	ug/L	99
42) Toluene	7.965	91	1037608	11.458	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	308271	11.537	ug/L	97

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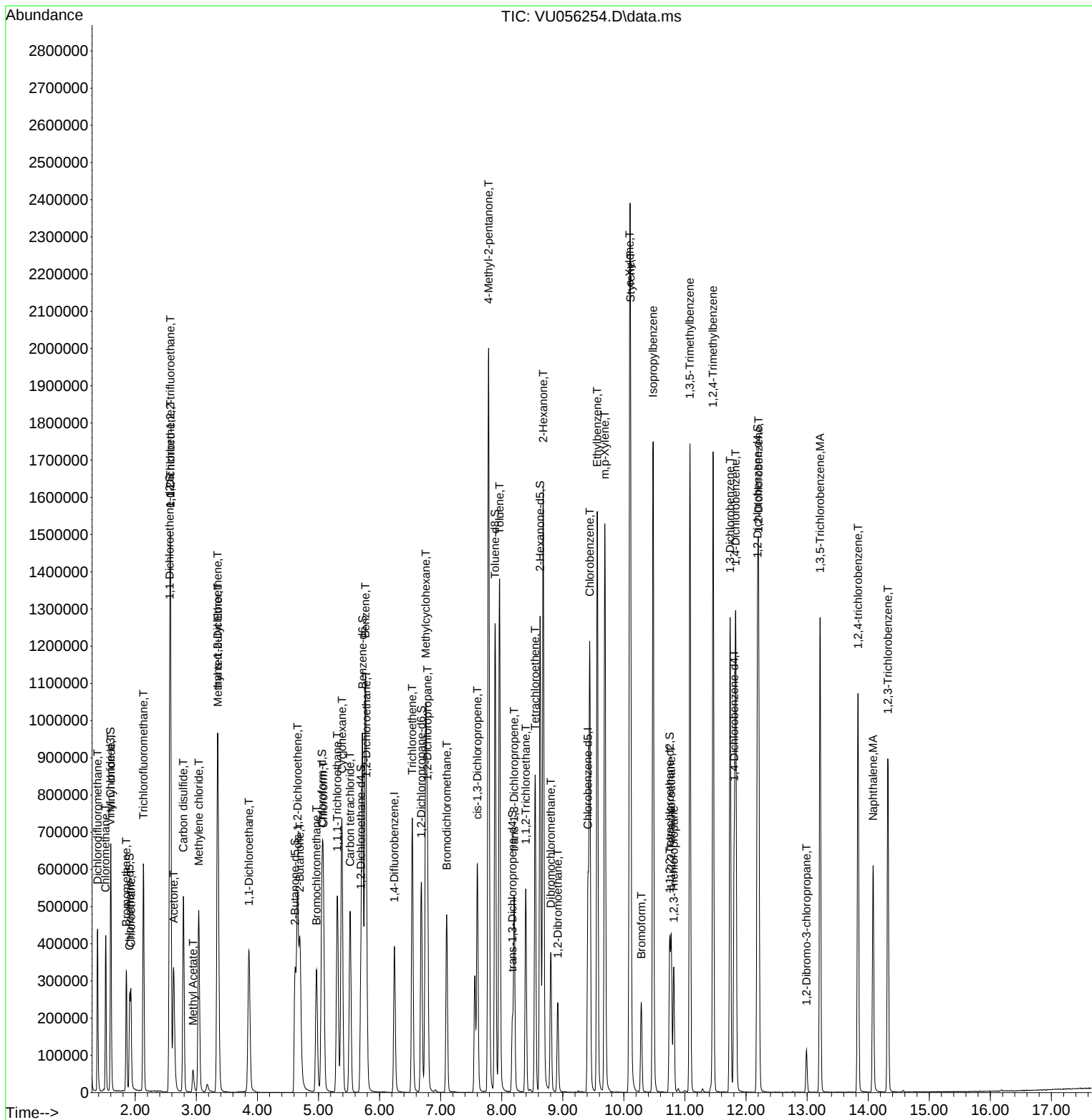
Instrument :
 MSVOA_U
 ClientSampleId :

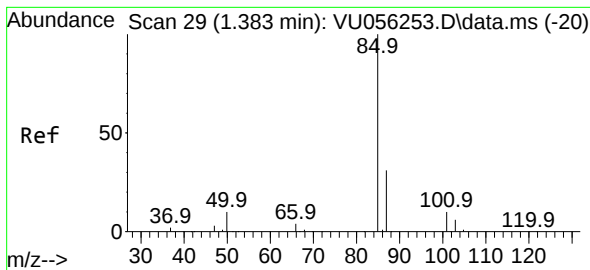
Quant Time: Nov 13 23:31:12 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	170822	11.245	ug/L	97
47) Tetrachloroethene	8.547	164	178799	11.126	ug/L	98
48) 2-Hexanone	8.679	43	1030394	116.973	ug/L	99
49) Dibromochloromethane	8.805	129	192816	11.161	ug/L	95
50) 1,2-Dibromoethane	8.917	107	157266	10.966	ug/L	95
51) Chlorobenzene	9.441	112	639563	10.991	ug/L	99
52) Ethylbenzene	9.563	91	1159180	11.527	ug/L	99
53) m,p-Xylene	9.689	106	440521	11.916	ug/L	99
54) o-Xylene	10.094	106	417398	11.624	ug/L	97
55) Styrene	10.110	104	726070	12.156	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.776	83	210434	11.345	ug/L	96
59) Bromoform	10.287	173	107884	11.006	ug/L	98
60) Isopropylbenzene	10.480	105	1144029	11.273	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	145871	10.804	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	959598	11.516	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	956178	11.625	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	506900	10.980	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	497733	10.749	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	461415	10.895	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	32319	11.206	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	376480	10.832	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	313422	11.071	ug/L	99
71) Naphthalene	14.081	128	487623	11.401	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	256892	11.016	ug/L	98

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

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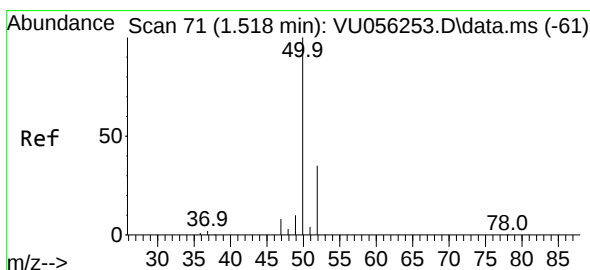
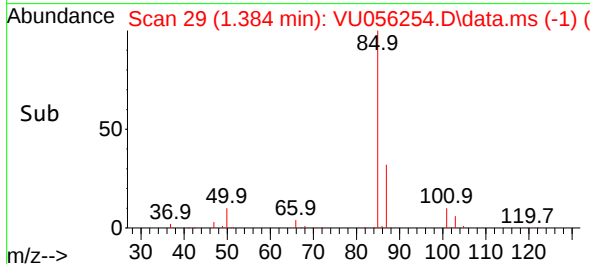
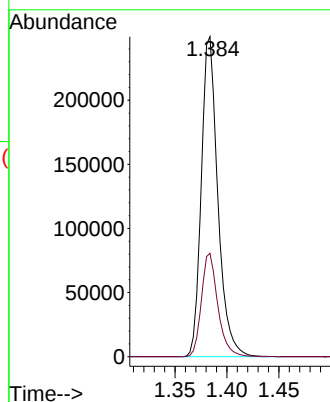
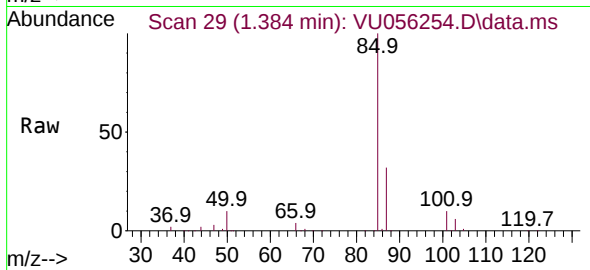




#2
Dichlorodifluoromethane
Concen: 10.935 ug/L
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

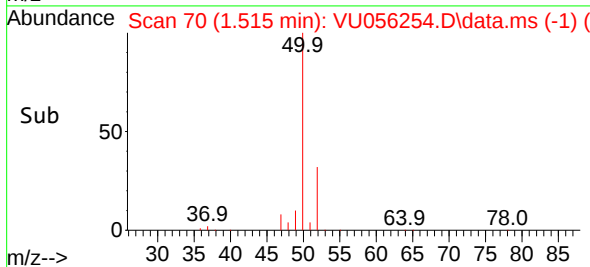
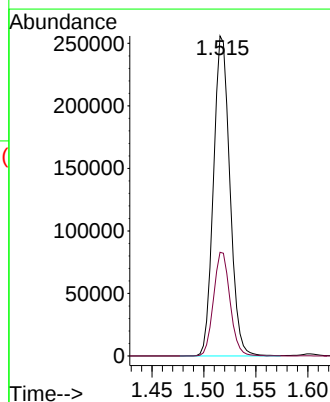
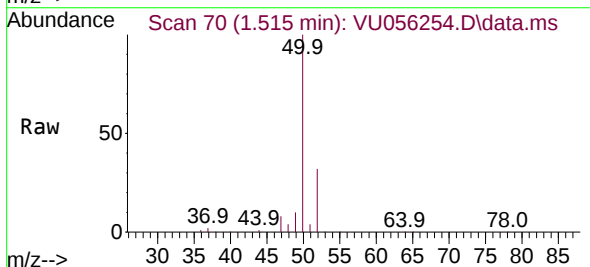
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MSVOA_U
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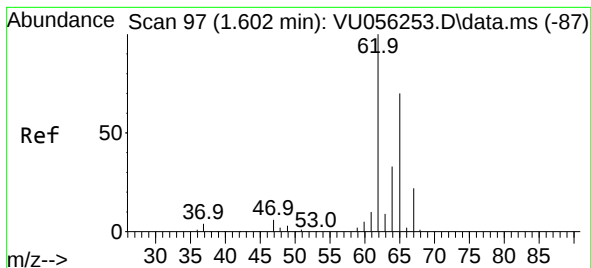
Tgt Ion: 85 Resp: 276571
Ion Ratio Lower Upper
85 100
87 32.1 25.0 37.4



#3
Chloromethane
Concen: 10.849 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 50 Resp: 280415
Ion Ratio Lower Upper
50 100
52 32.4 24.3 45.1





#5

Vinyl chloride

Concen: 10.952 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

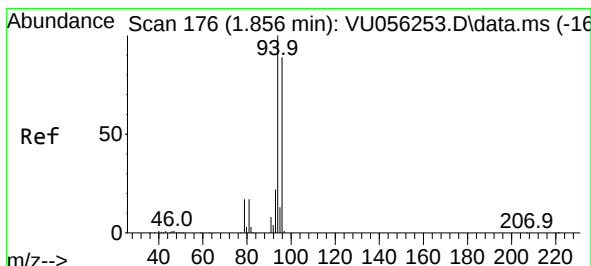
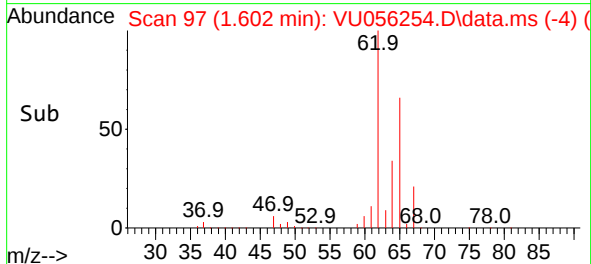
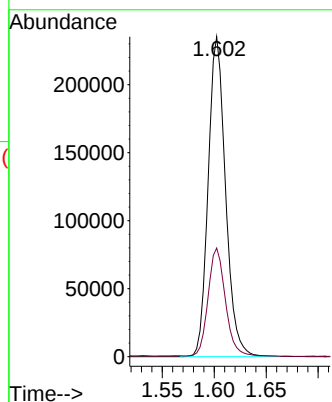
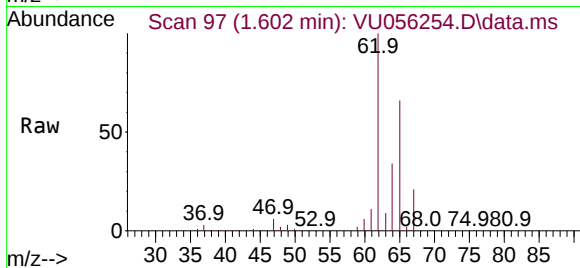
ClientSampleId :

Tgt Ion: 62 Resp: 272729

Ion Ratio Lower Upper

62 100

64 33.9 23.3 43.3



#6

Bromomethane

Concen: 11.179 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.003 min

Lab File: VU056254.D

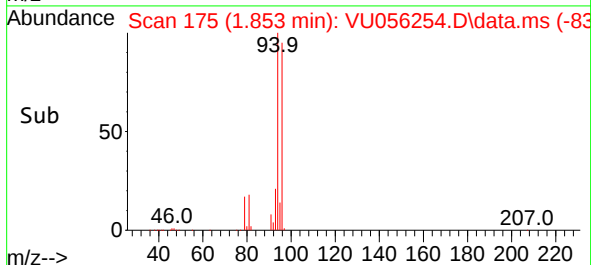
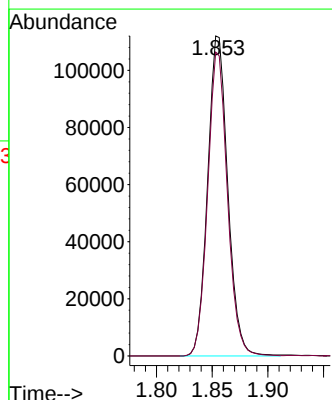
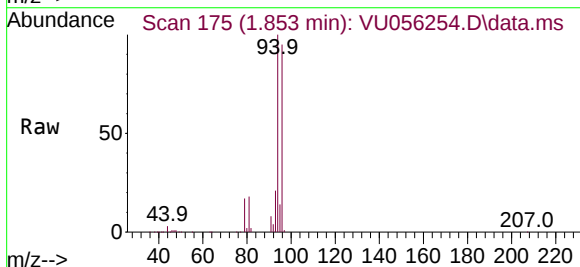
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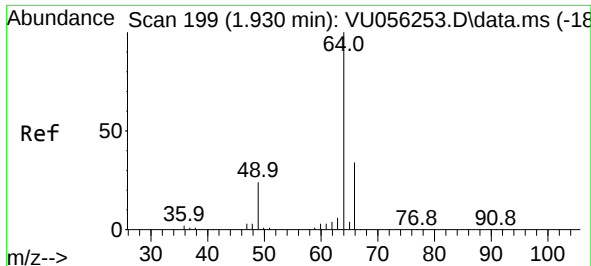
Tgt Ion: 94 Resp: 140902

Ion Ratio Lower Upper

94 100

96 95.0 62.6 116.2

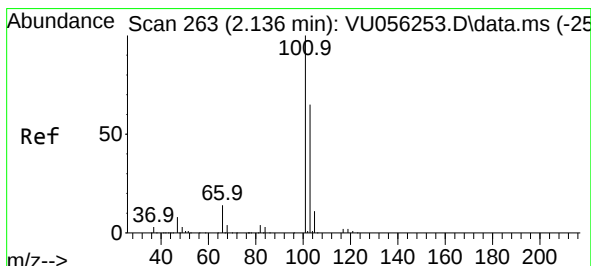
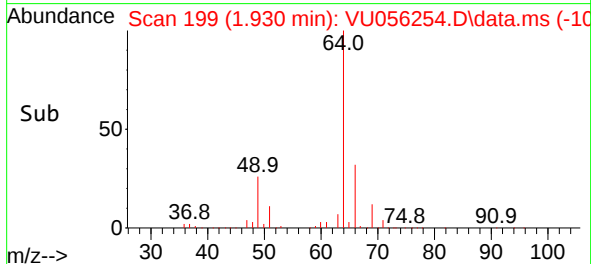
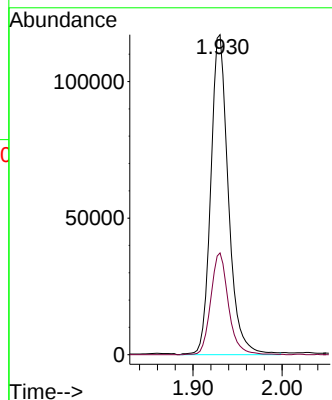
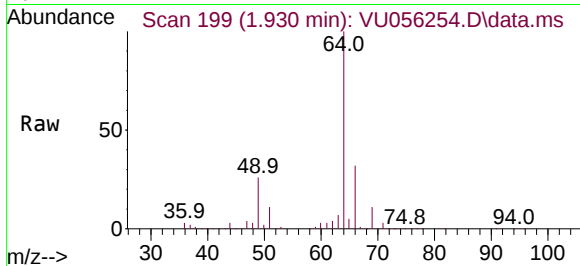




#8
Chloroethane
Concen: 10.540 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

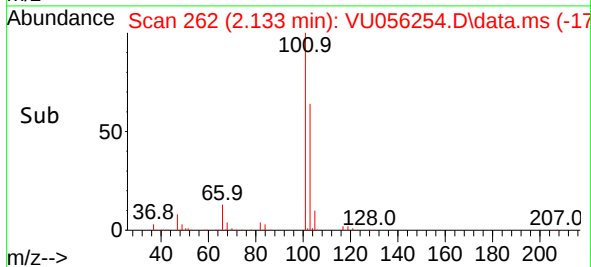
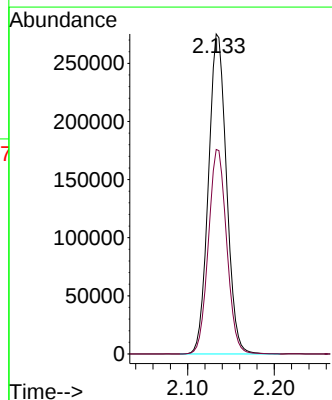
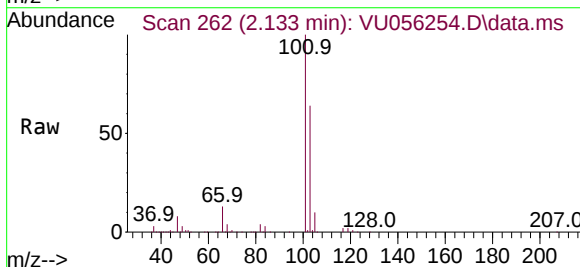
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ClientSampleId :

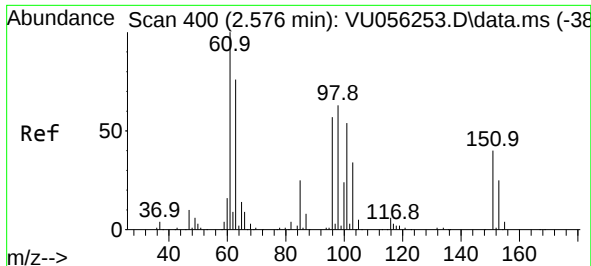
Tgt Ion: 64 Resp: 160342
Ion Ratio Lower Upper
64 100
66 31.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 11.120 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion:101 Resp: 399062
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

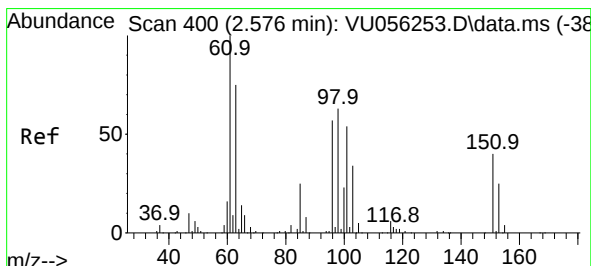
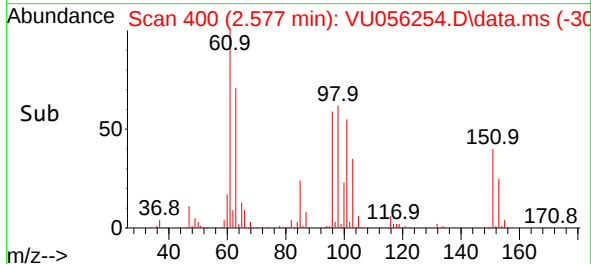
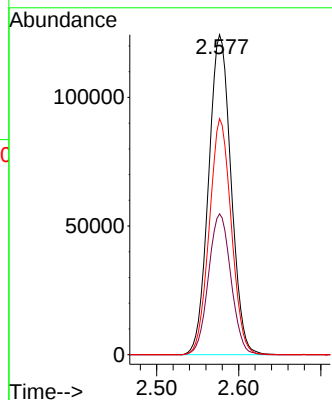
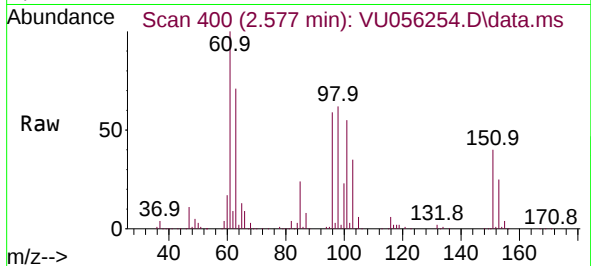




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 11.090 ug/L
RT: 2.577 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

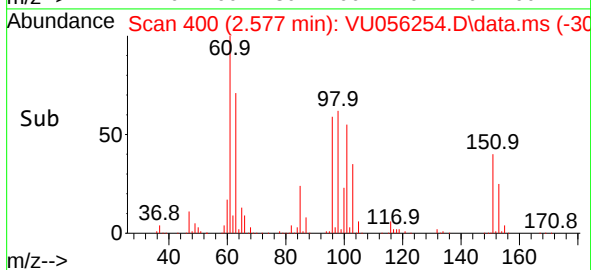
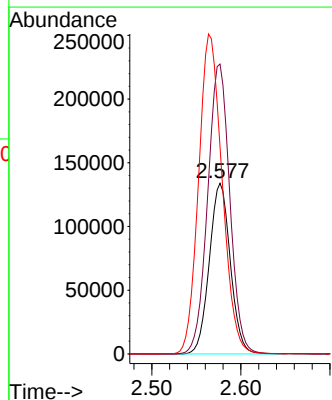
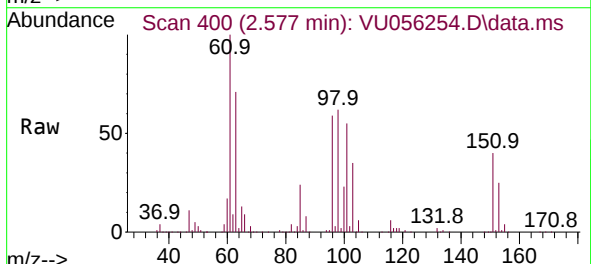
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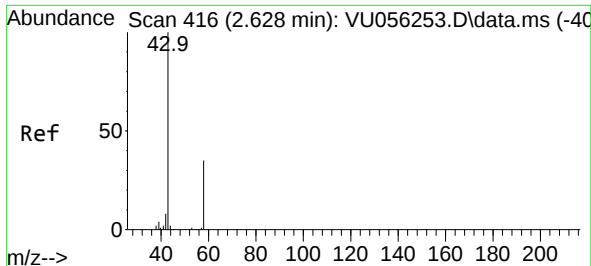
Tgt Ion: 101 Resp: 236280
Ion Ratio Lower Upper
101 100
85 44.0 35.4 53.0
151 72.3 58.0 87.0



#12
1,1-Dichloroethene
Concen: 11.223 ug/L
RT: 2.577 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 96 Resp: 219299
Ion Ratio Lower Upper
96 100
61 169.8 123.1 228.7
63 121.2 93.3 173.3





#13

Acetone

Concen: 108.059 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

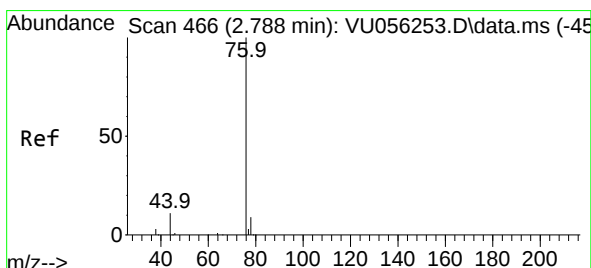
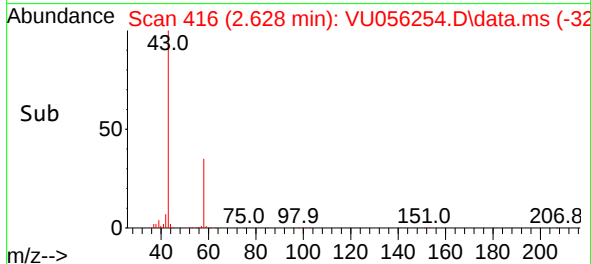
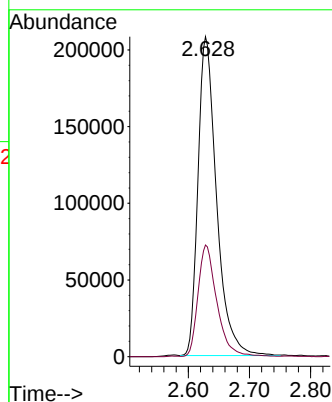
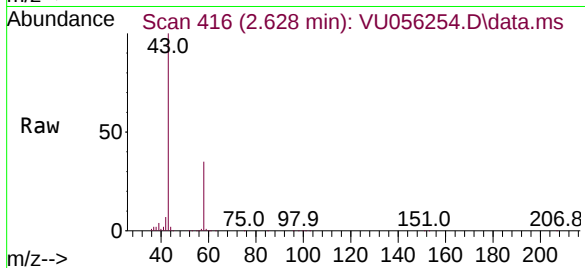
ClientSampleId :

Tgt Ion: 43 Resp: 438172

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.0



#14

Carbon disulfide

Concen: 10.972 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056254.D

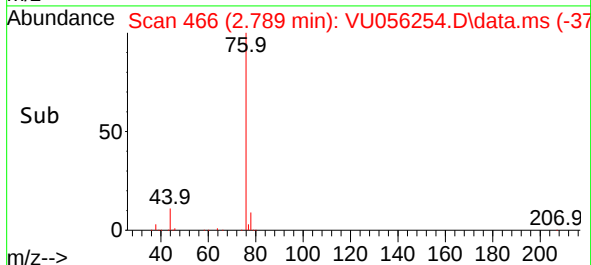
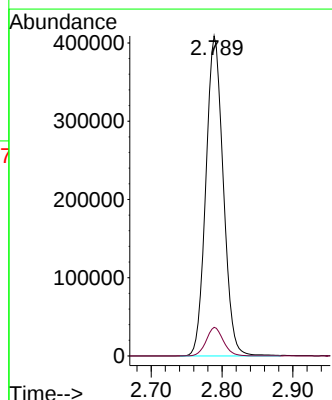
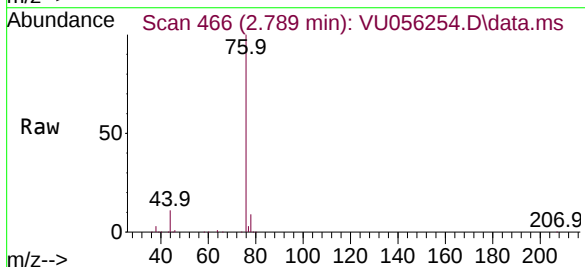
Acq: 13 Nov 2023 15:38

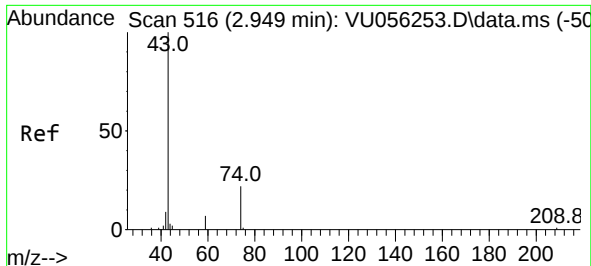
Tgt Ion: 76 Resp: 697682

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2

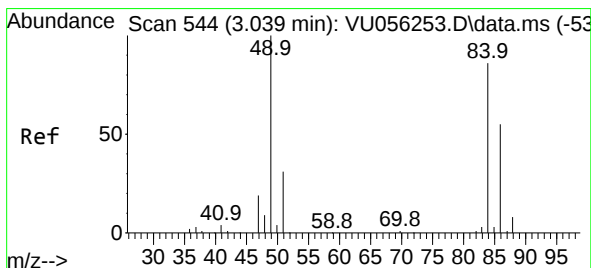
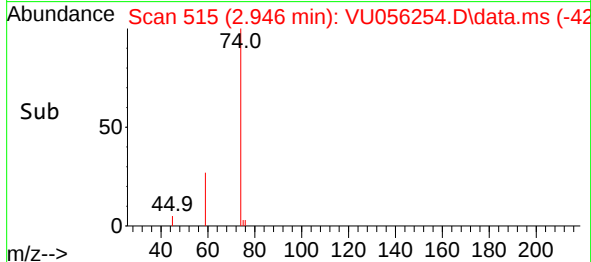
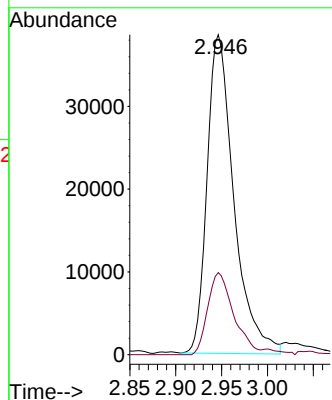
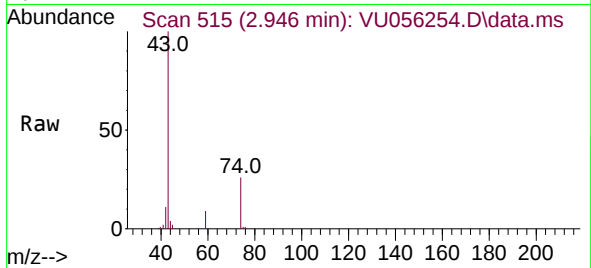




#15
Methyl Acetate
Concen: 11.294 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

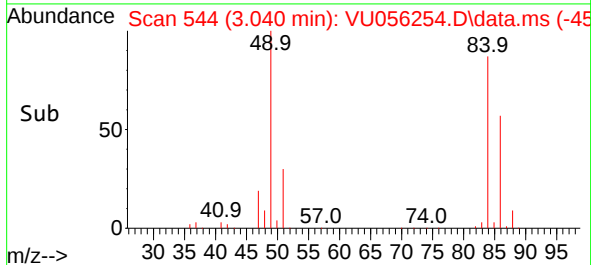
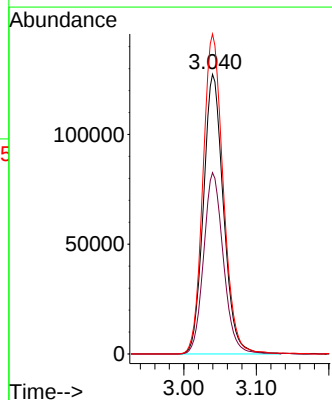
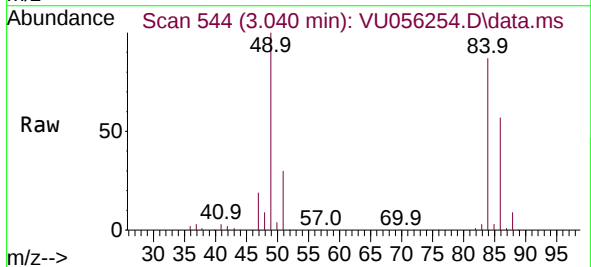
Instrument :
MSVOA_U
ClientSampleId :

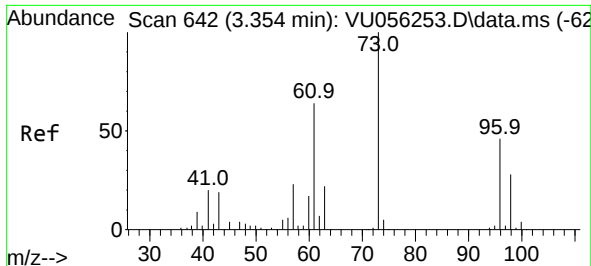
Tgt Ion: 43 Resp: 78261
Ion Ratio Lower Upper
43 100
74 24.8 20.6 31.0



#16
Methylene chloride
Concen: 9.456 ug/L
RT: 3.040 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 84 Resp: 244539
Ion Ratio Lower Upper
84 100
86 64.8 44.7 83.1
49 114.4 81.8 152.0

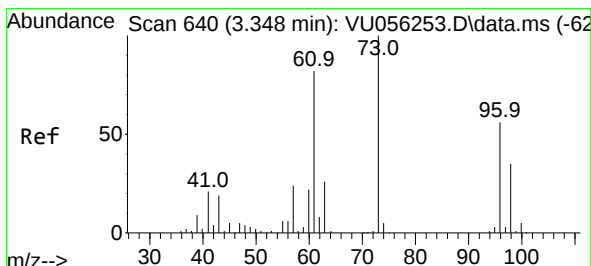
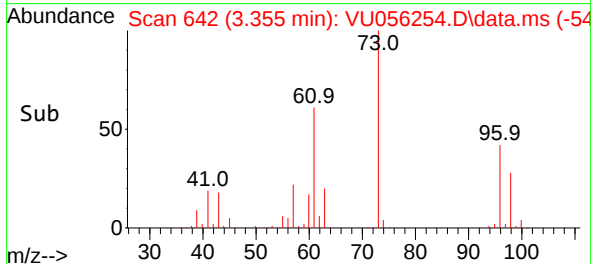
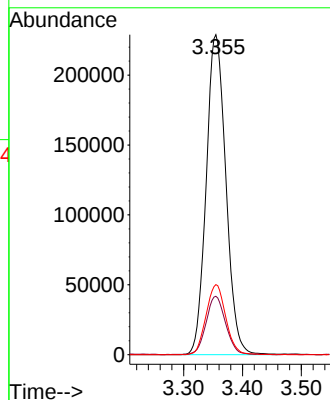
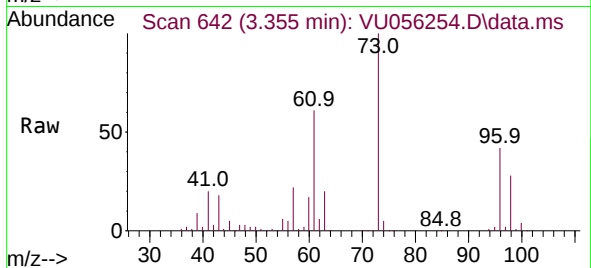




#17
Methyl tert-butyl Ether
Concen: 11.216 ug/L
RT: 3.355 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

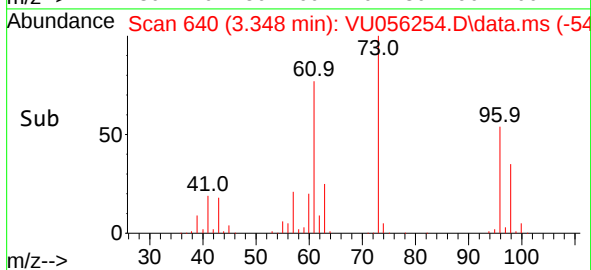
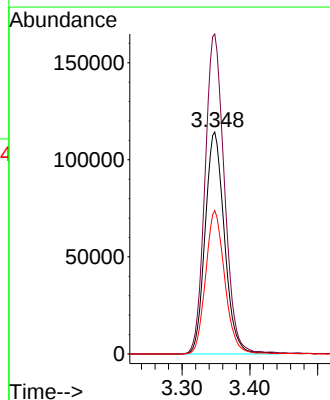
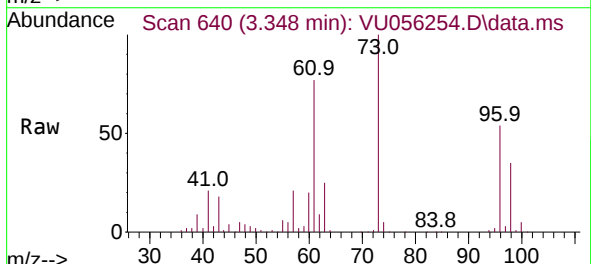
Instrument :
MSVOA_U
ClientSampleId :

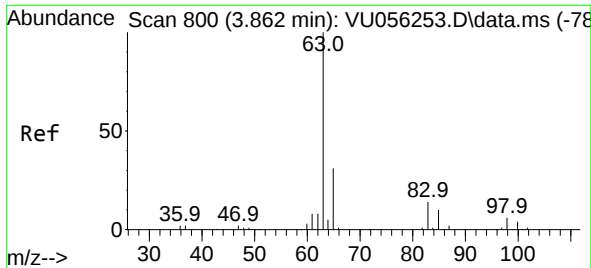
Tgt Ion: 73 Resp: 532513
Ion Ratio Lower Upper
73 100
43 17.9 15.1 22.7
57 21.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 11.271 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 96 Resp: 226611
Ion Ratio Lower Upper
96 100
61 144.2 101.7 188.9
98 64.6 43.0 80.0





#19

1,1-Dichloroethane

Concen: 11.119 ug/L

RT: 3.863 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

ClientSampleId :

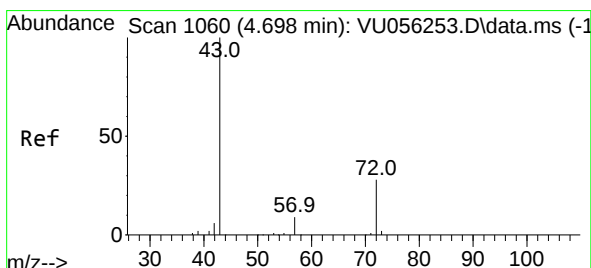
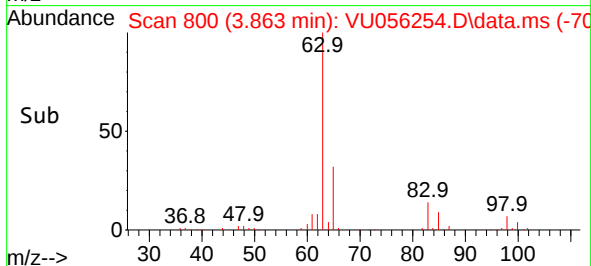
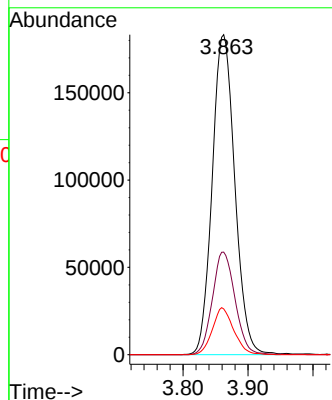
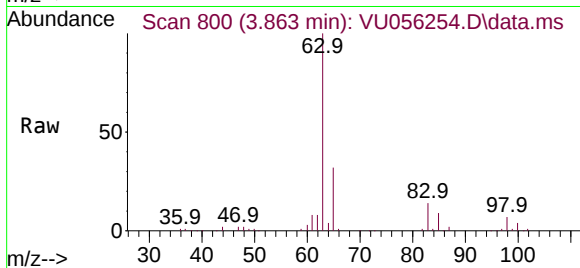
Tgt Ion: 63 Resp: 442832

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.6

83 14.3 9.7 17.9



#21

2-Butanone

Concen: 114.372 ug/L

RT: 4.695 min Scan# 1059

Delta R.T. -0.003 min

Lab File: VU056254.D

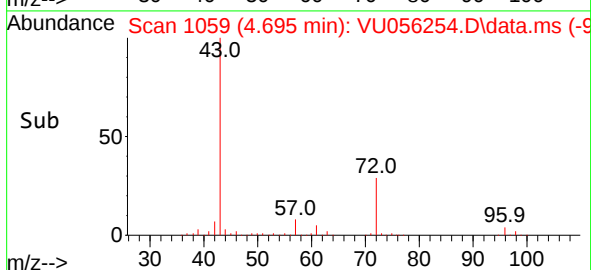
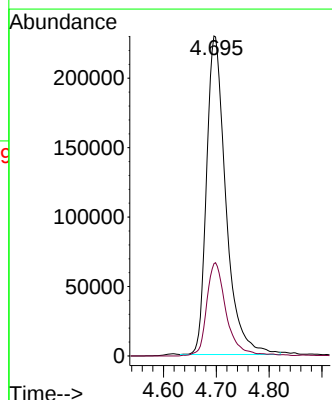
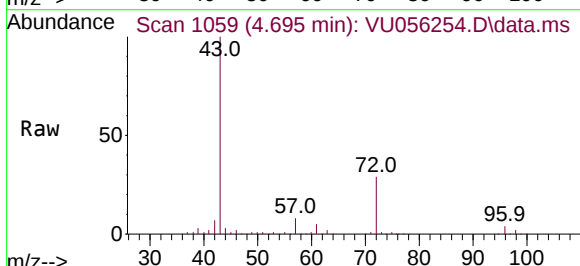
Acq: 13 Nov 2023 15:38

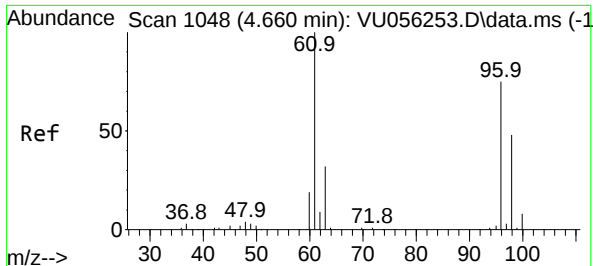
Tgt Ion: 43 Resp: 581613

Ion Ratio Lower Upper

43 100

72 29.7 14.2 42.6

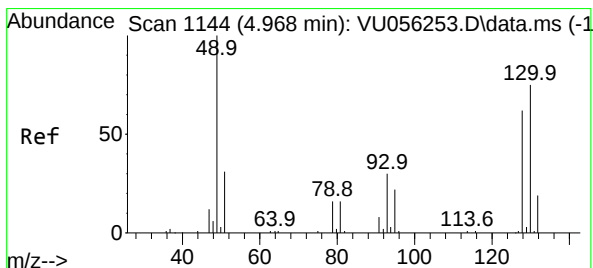
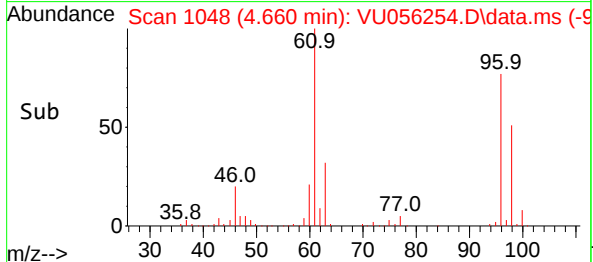
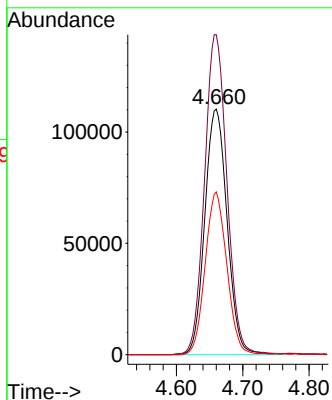
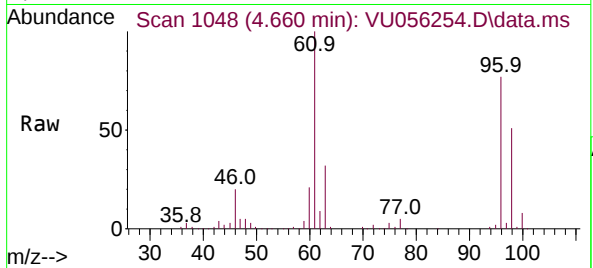




#22
 cis-1,2-Dichloroethene
 Concen: 11.324 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056254.D
 Acq: 13 Nov 2023 15:38

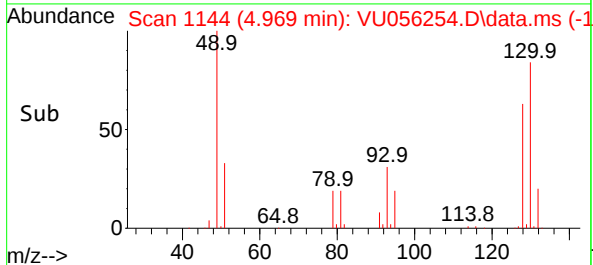
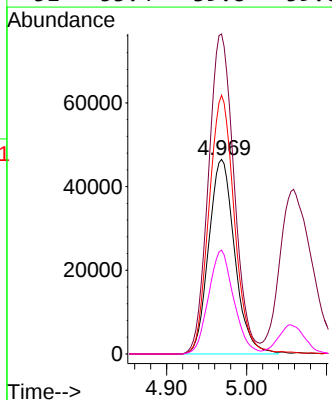
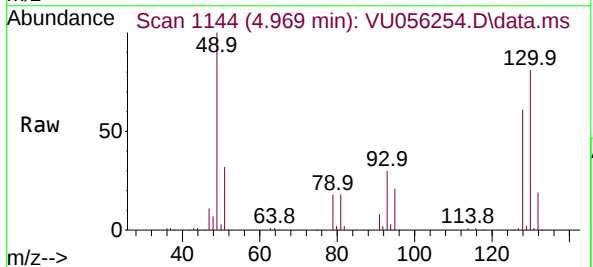
Instrument :
 MSVOA_U
 ClientSampleId :

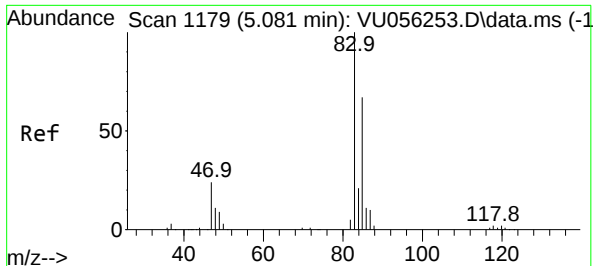
Tgt Ion: 96 Resp: 258197
 Ion Ratio Lower Upper
 96 100
 61 130.3 93.2 173.2
 98 66.2 44.8 83.2



#23
 Bromochloromethane
 Concen: 11.167 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056254.D
 Acq: 13 Nov 2023 15:38

Tgt Ion: 128 Resp: 104804
 Ion Ratio Lower Upper
 128 100
 49 164.5 113.4 210.6
 130 133.0 84.8 157.6
 51 53.4 39.8 59.6





#25

Chloroform

Concen: 10.614 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

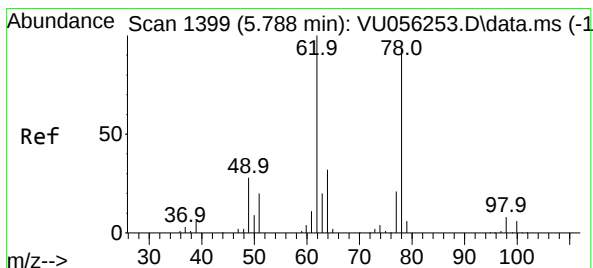
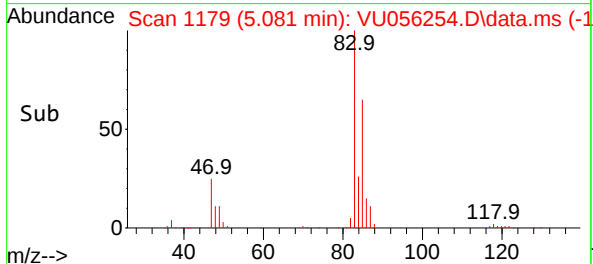
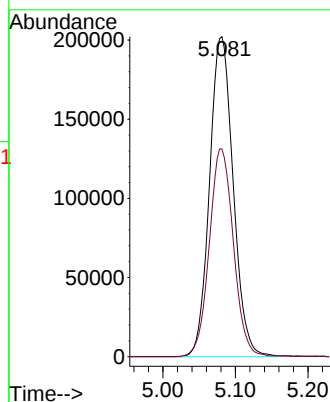
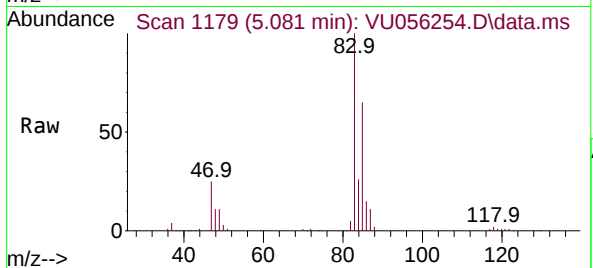
ClientSampleId :

Tgt Ion: 83 Resp: 457976

Ion Ratio Lower Upper

83 100

85 64.9 47.0 87.2



#27

1,2-Dichloroethane

Concen: 10.827 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU056254.D

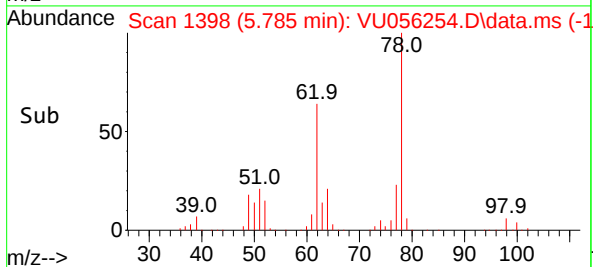
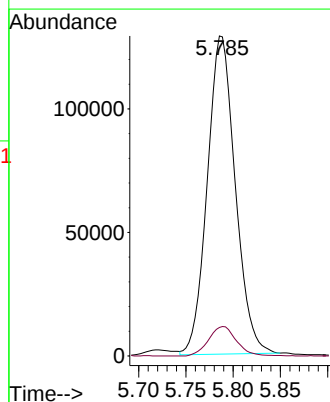
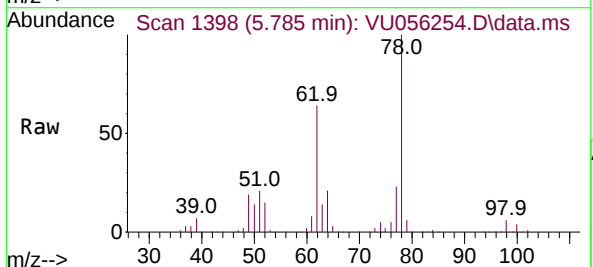
Acq: 13 Nov 2023 15:38

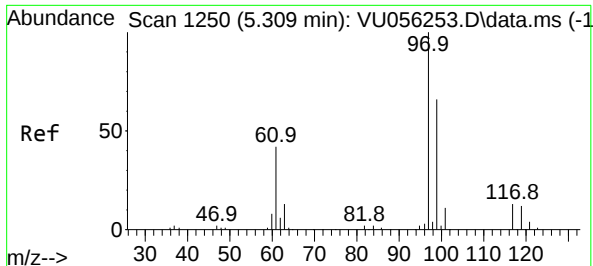
Tgt Ion: 62 Resp: 265248

Ion Ratio Lower Upper

62 100

98 8.9 6.6 10.0





#29

1,1,1-Trichloroethane

Concen: 11.331 ug/L

RT: 5.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

ClientSampleId :

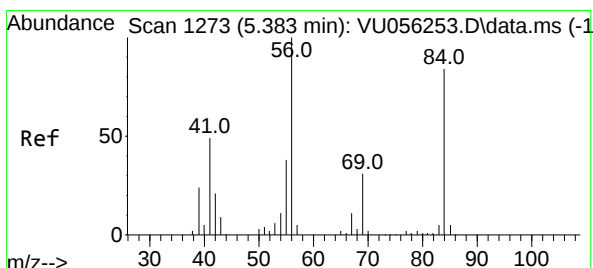
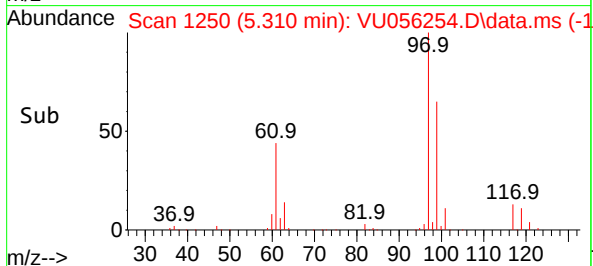
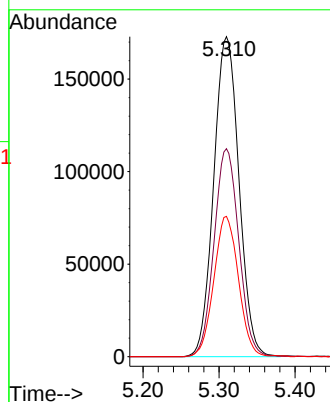
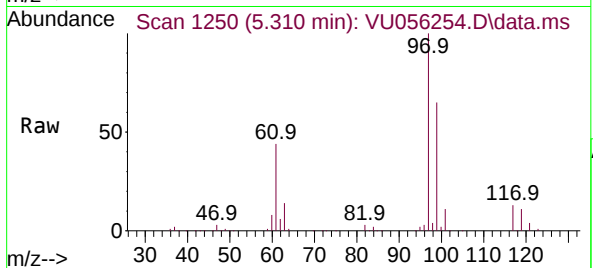
Tgt Ion: 97 Resp: 398712

Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 42.8 34.3 51.5



#30

Cyclohexane

Concen: 11.541 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

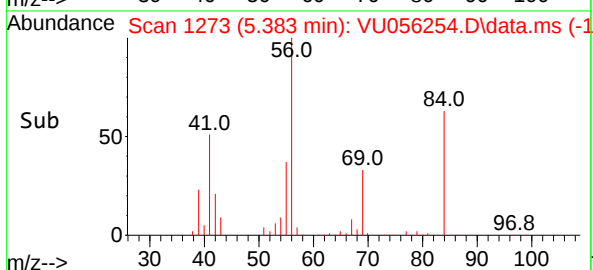
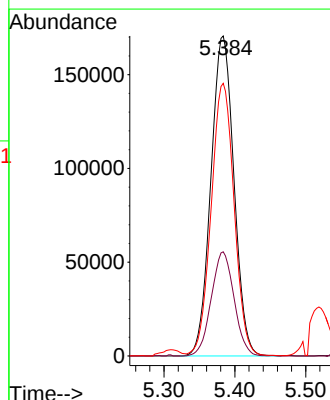
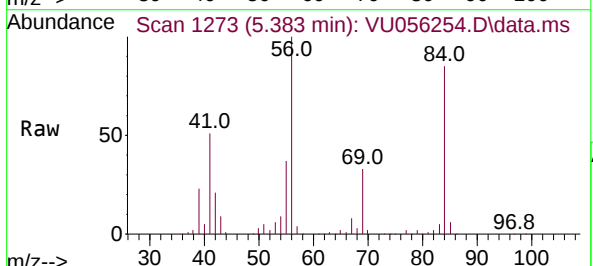
Tgt Ion: 56 Resp: 385440

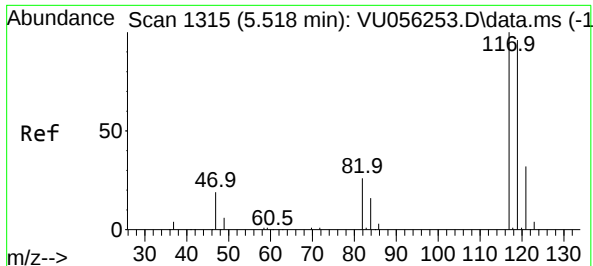
Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.2

84 84.7 68.6 103.0

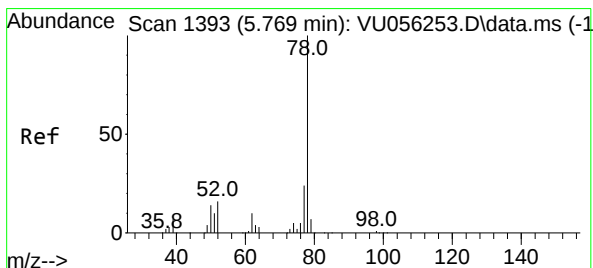
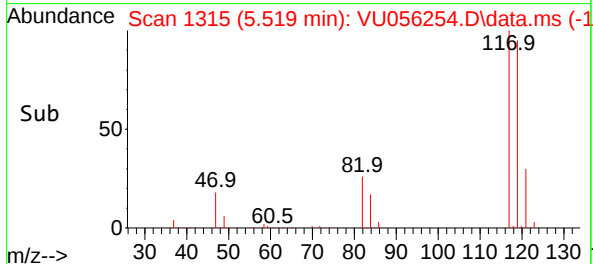
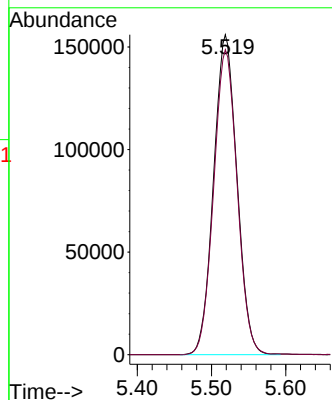
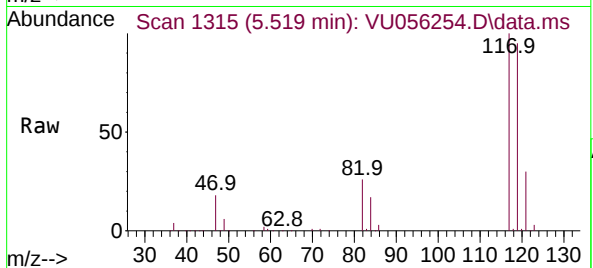




#31
Carbon tetrachloride
Concen: 11.286 ug/L
RT: 5.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

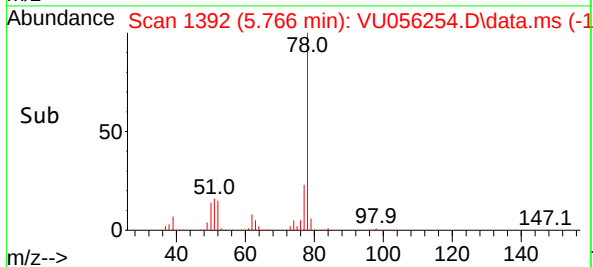
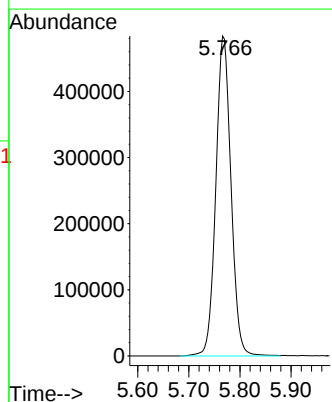
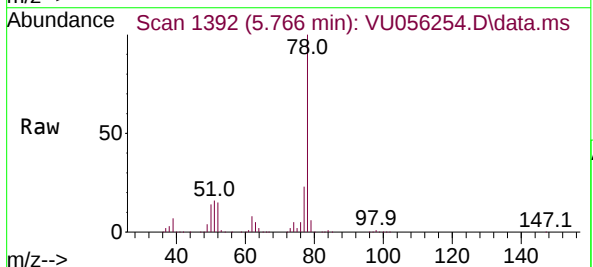
Instrument :
MSVOA_U
ClientSampleId :

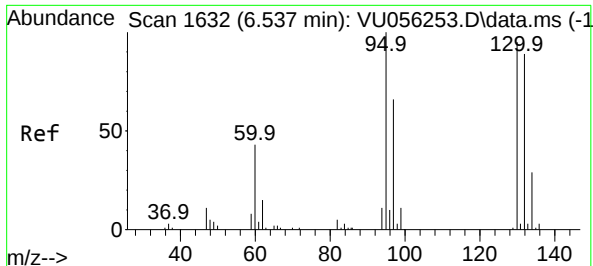
Tgt Ion:117 Resp: 341098
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1



#33
Benzene
Concen: 11.374 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 78 Resp: 994875





#34

Trichloroethene

Concen: 11.143 ug/L

RT: 6.535 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 265550

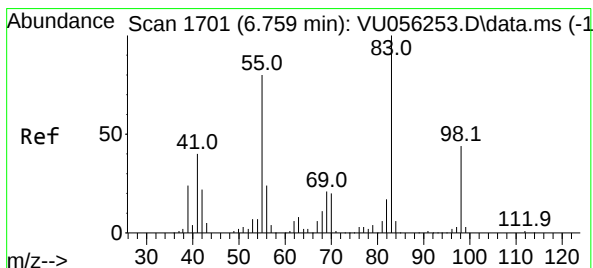
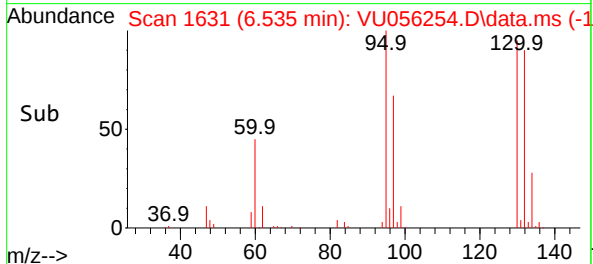
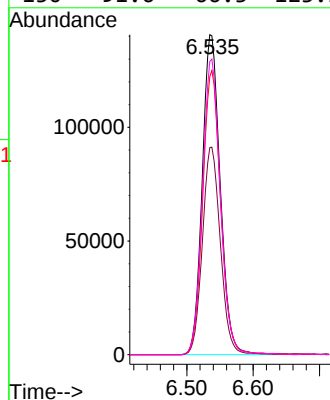
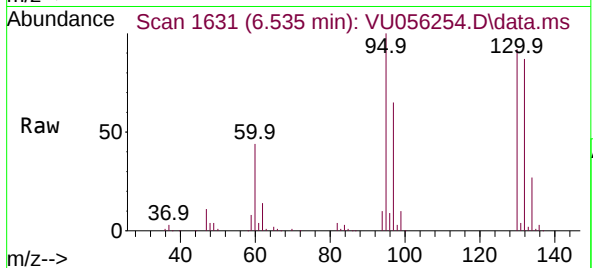
Ion Ratio Lower Upper

95 100

97 64.7 46.5 86.3

132 86.8 62.0 115.2

130 91.6 66.3 123.1



#35

Methylcyclohexane

Concen: 11.713 ug/L

RT: 6.760 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

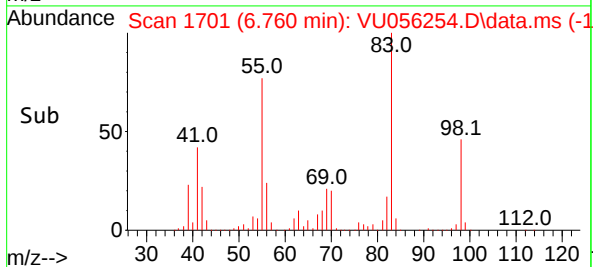
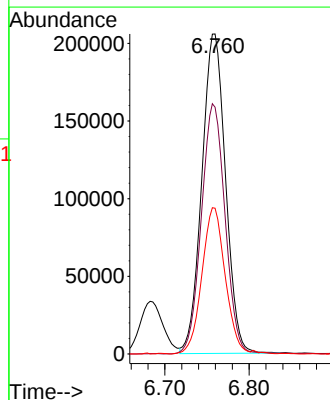
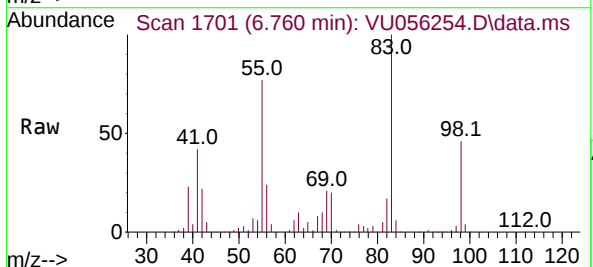
Tgt Ion: 83 Resp: 403004

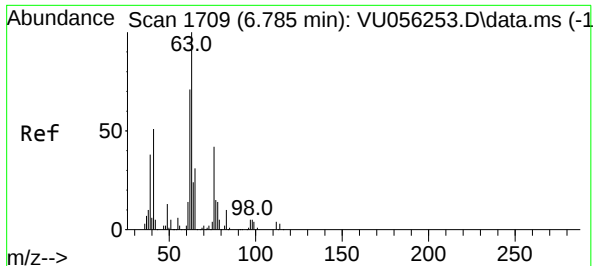
Ion Ratio Lower Upper

83 100

55 78.5 62.9 94.3

98 44.9 35.3 52.9





#37

1,2-Dichloropropane

Concen: 11.269 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

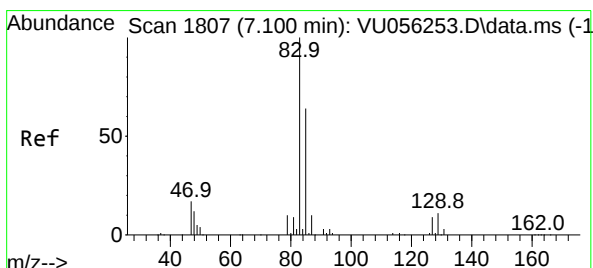
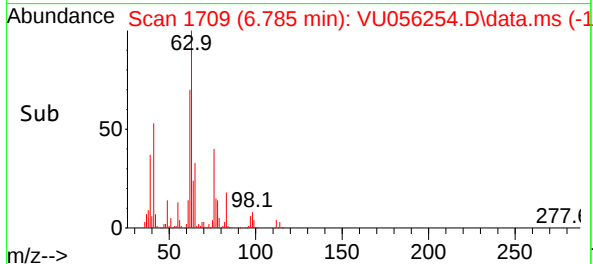
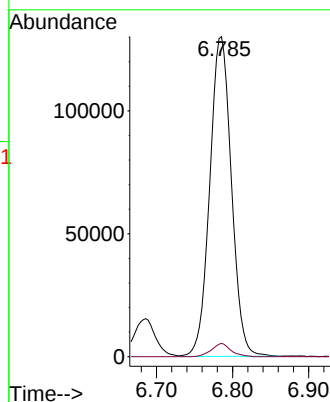
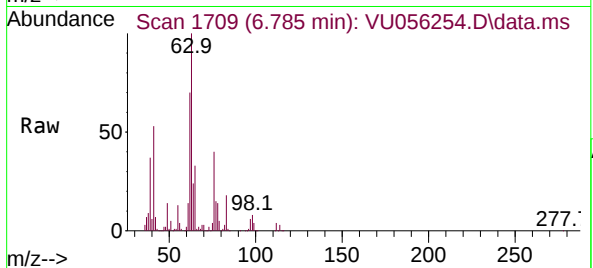
ClientSampleId :

Tgt Ion: 63 Resp: 257057

Ion Ratio Lower Upper

63 100

112 3.7 3.2 4.8



#38

Bromodichloromethane

Concen: 10.803 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

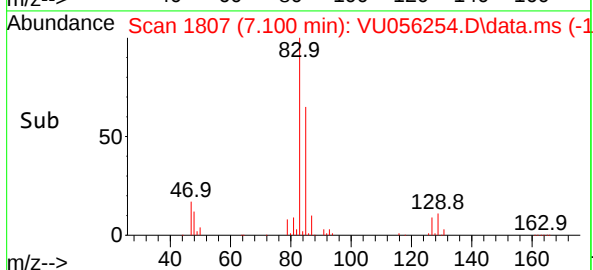
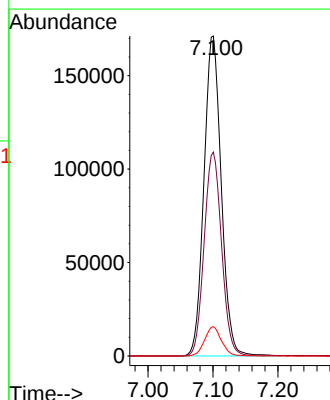
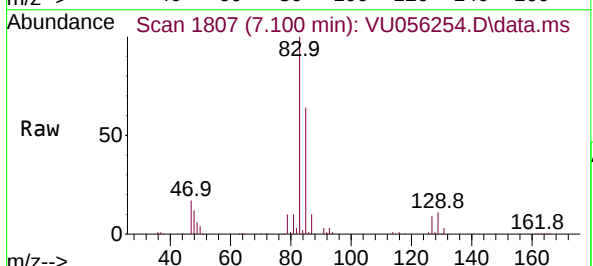
Tgt Ion: 83 Resp: 318110

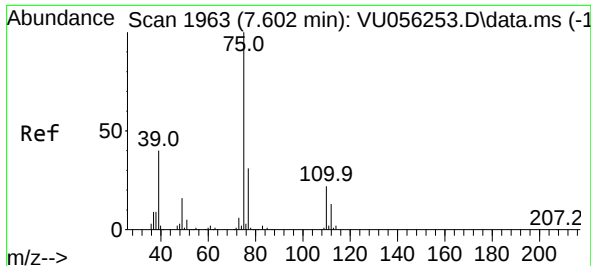
Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.5

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 11.344 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

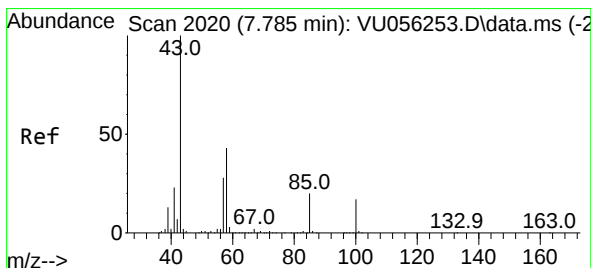
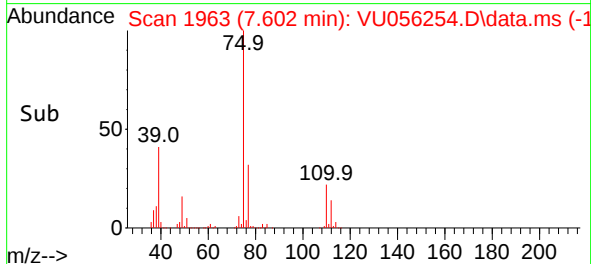
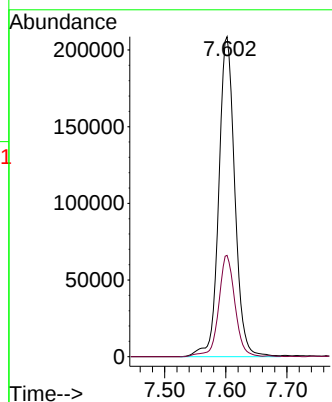
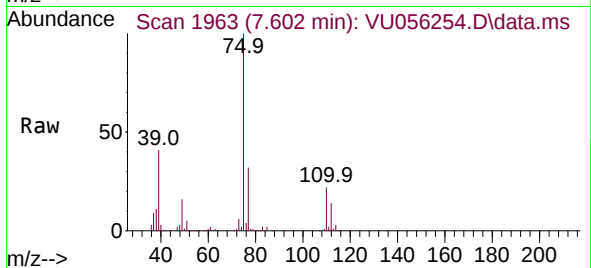
ClientSampleId :

Tgt Ion: 75 Resp: 380207

Ion Ratio Lower Upper

75 100

77 31.7 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 114.672 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

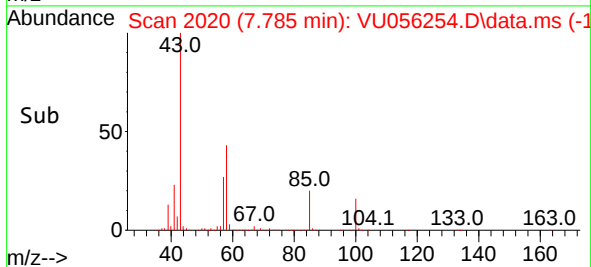
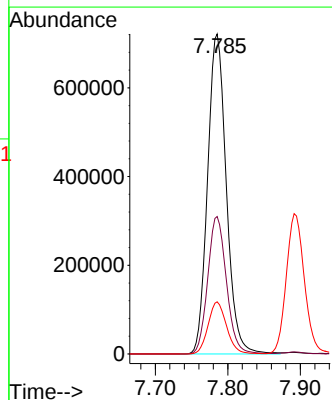
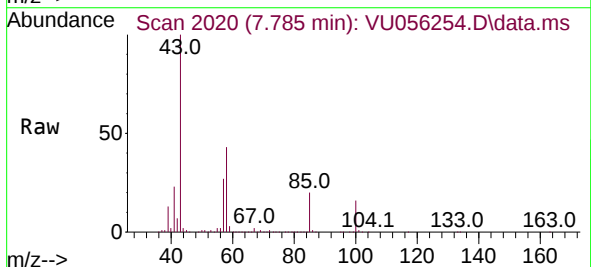
Tgt Ion: 43 Resp: 1296618

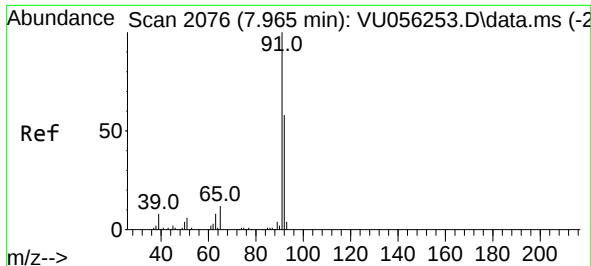
Ion Ratio Lower Upper

43 100

58 42.9 33.8 50.8

100 16.1 13.0 19.4





#42

Toluene

Concen: 11.458 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

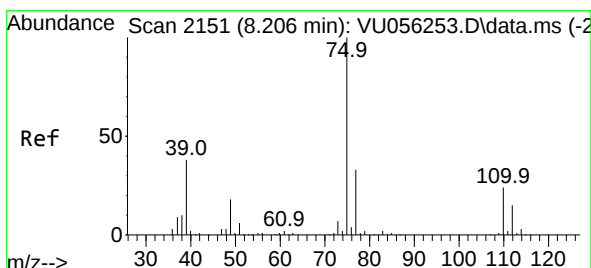
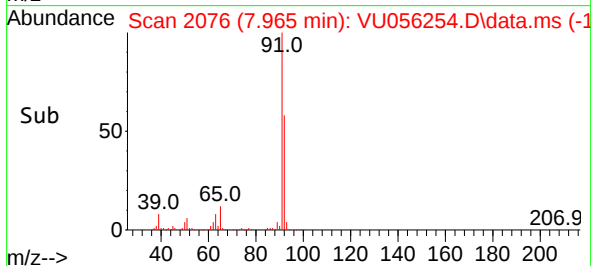
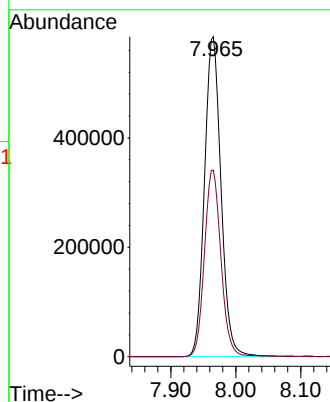
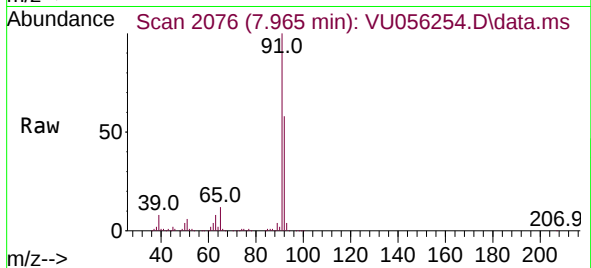
ClientSampleId :

Tgt Ion: 91 Resp: 1037608

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 11.537 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU056254.D

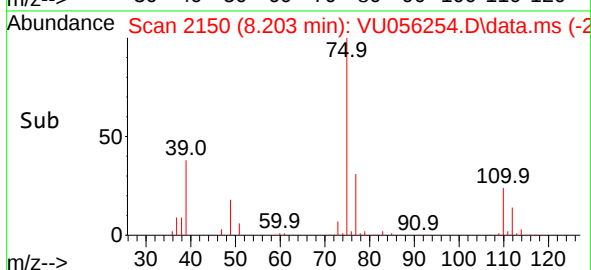
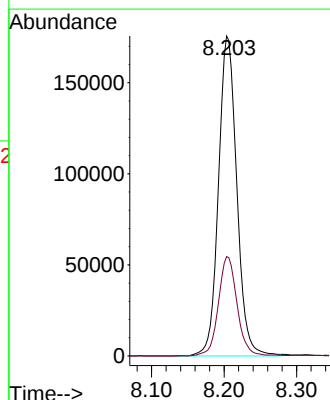
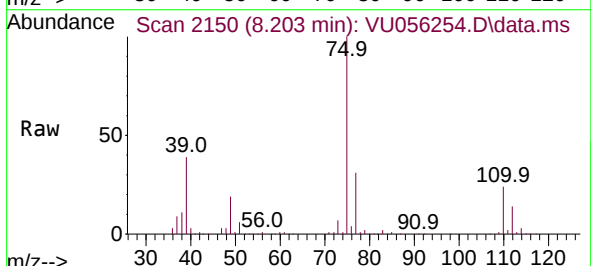
Acq: 13 Nov 2023 15:38

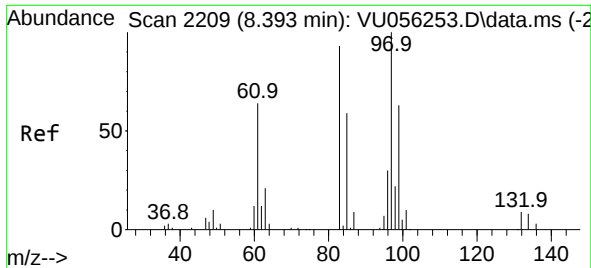
Tgt Ion: 75 Resp: 308271

Ion Ratio Lower Upper

75 100

77 31.0 22.8 42.4

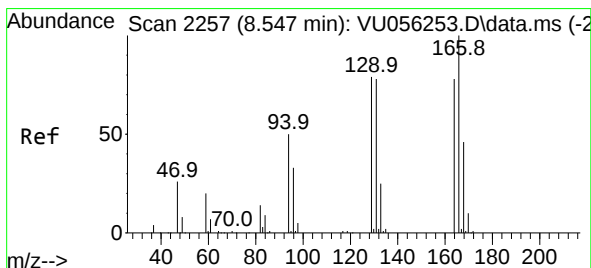
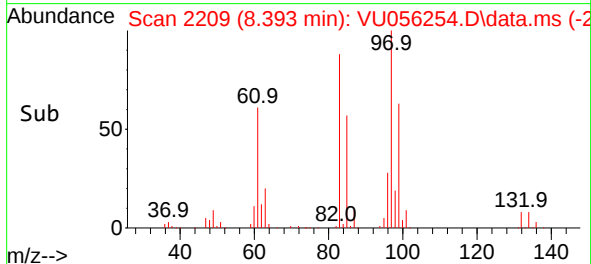
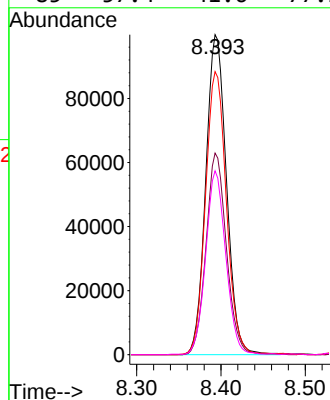
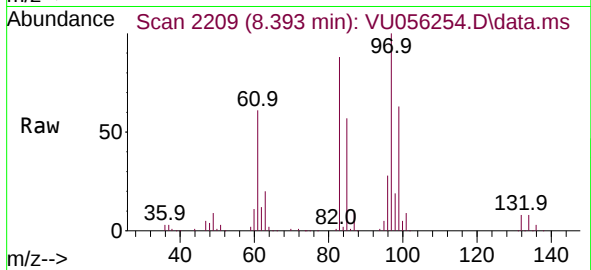




#45
1,1,2-Trichloroethane
Concen: 11.245 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

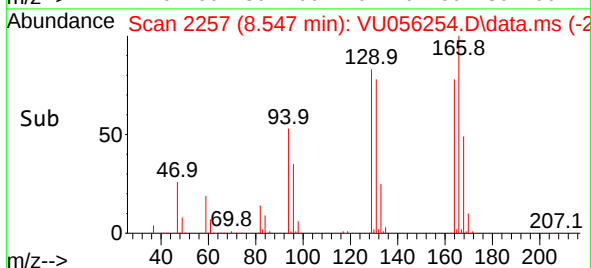
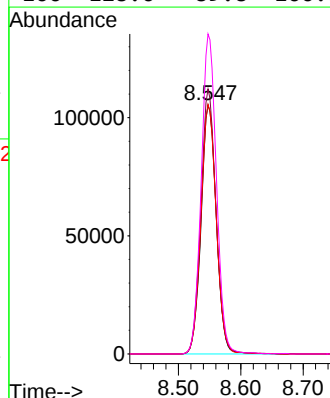
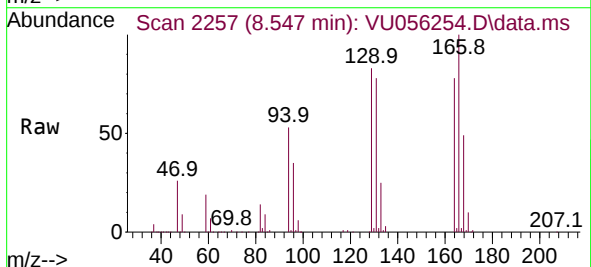
Instrument :
MSVOA_U
ClientSampleId :

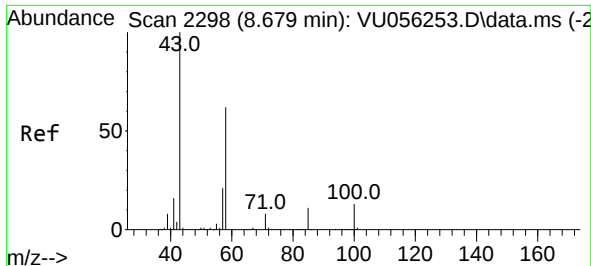
Tgt Ion: 97	Resp: 170822
Ion Ratio	Lower Upper
97 100	
99 63.0	44.3 82.3
83 88.4	65.4 121.4
85 57.4	41.6 77.3



#47
Tetrachloroethene
Concen: 11.126 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt	Ion:164	Resp:	178799
Ion	Ratio	Lower	Upper
164	100		
129	106.5	71.0	131.9
131	100.3	70.3	130.7
166	128.6	89.8	166.8



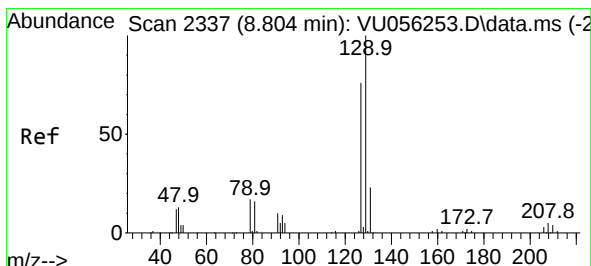
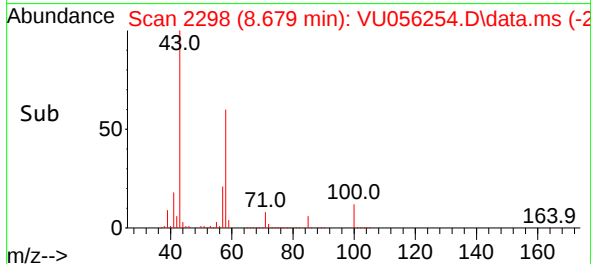
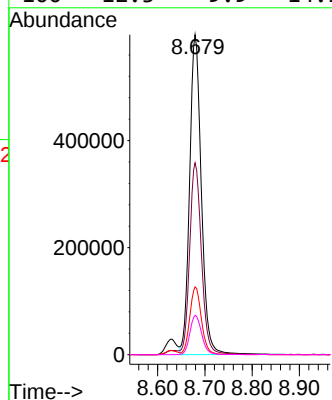
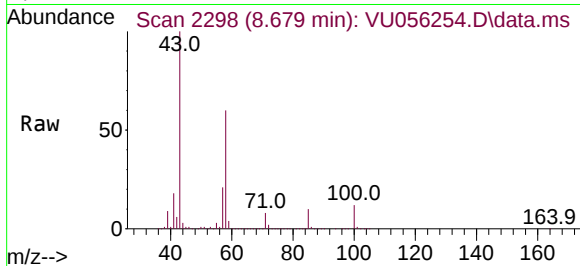


#48
2-Hexanone
Concen: 116.973 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 1030394

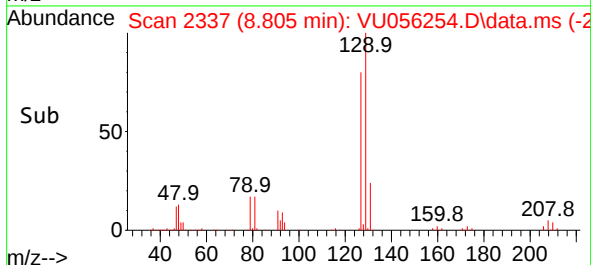
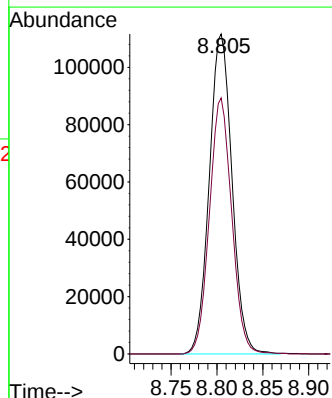
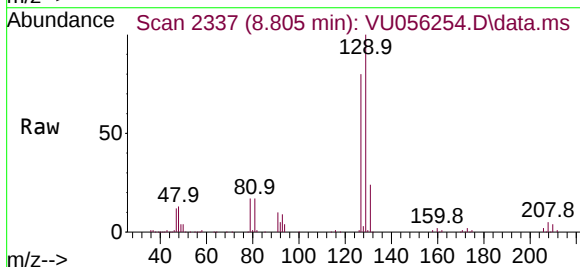
Ion	Ratio	Lower	Upper
43	100		
58	59.8	48.7	73.1
57	20.8	16.8	25.2
100	12.3	9.9	14.9

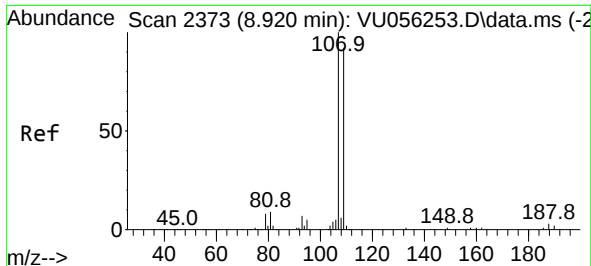


#49
Dibromochloromethane
Concen: 11.161 ug/L
RT: 8.805 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 129 Resp: 192816

Ion	Ratio	Lower	Upper
129	100		
127	80.0	52.9	98.3





#50

1,2-Dibromoethane

Concen: 10.966 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.003 min

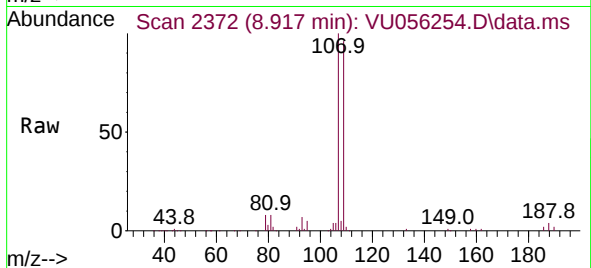
Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

ClientSampleId :



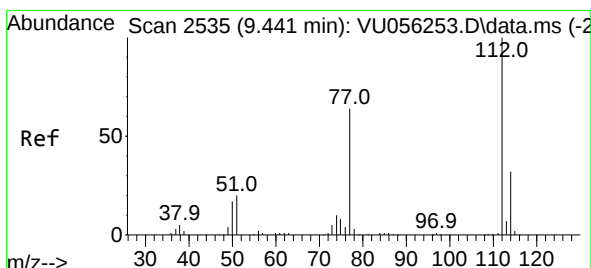
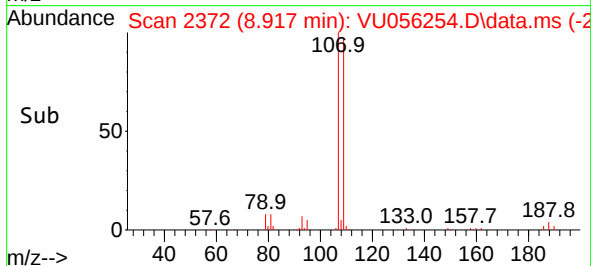
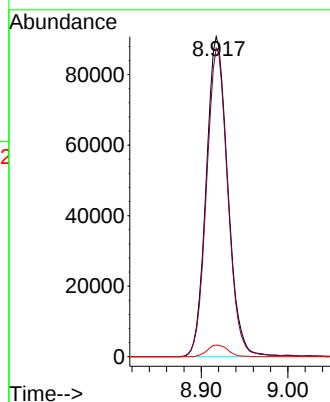
Tgt Ion:107 Resp: 157266

Ion Ratio Lower Upper

107 100

109 96.5 64.2 119.2

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 10.991 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

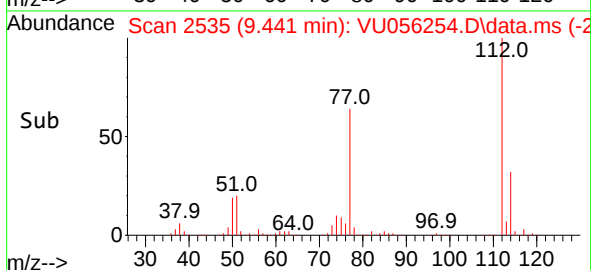
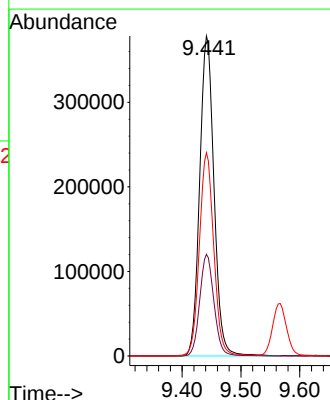
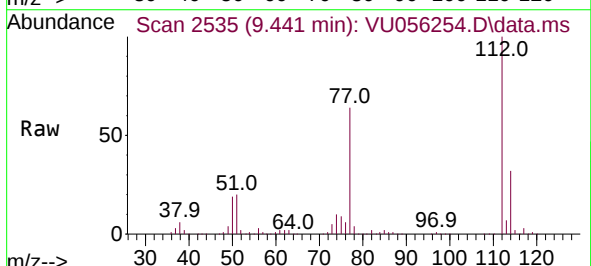
Tgt Ion:112 Resp: 639563

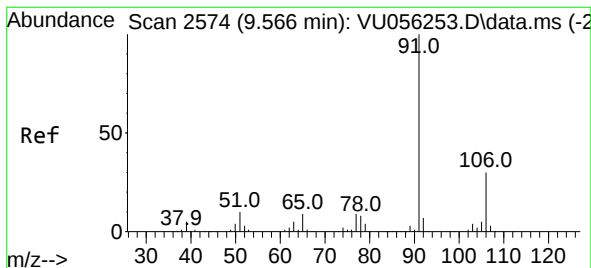
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.7

77 63.6 51.7 77.5





#52

Ethylbenzene

Concen: 11.527 ug/L

RT: 9.563 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

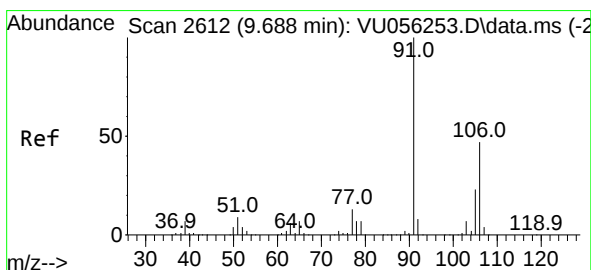
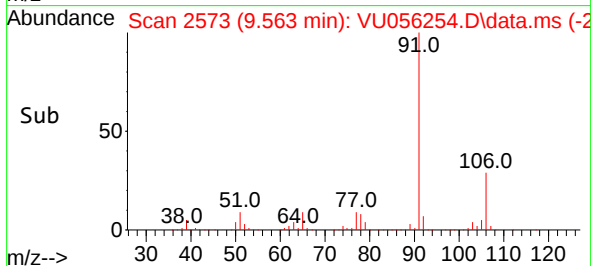
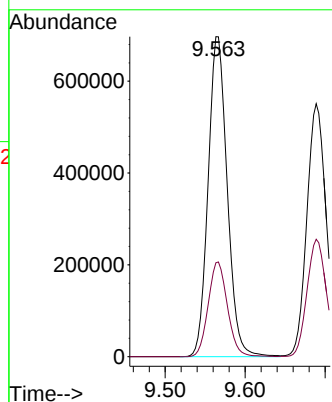
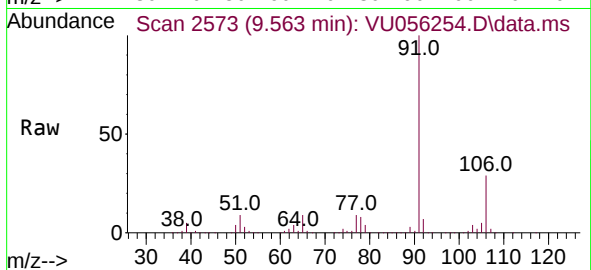
ClientSampleId :

Tgt Ion: 91 Resp: 1159180

Ion Ratio Lower Upper

91 100

106 29.4 21.1 39.1



#53

m,p-Xylene

Concen: 11.916 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU056254.D

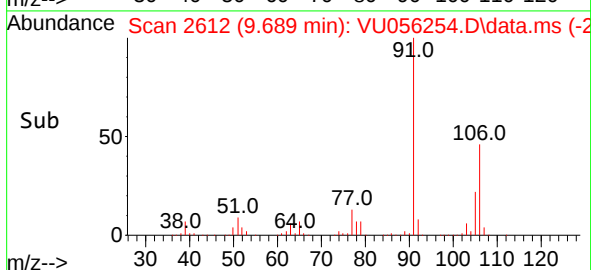
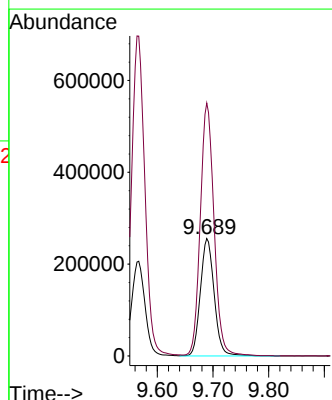
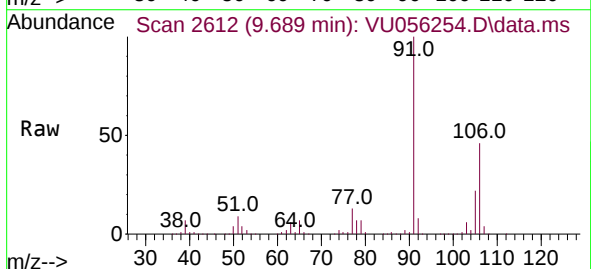
Acq: 13 Nov 2023 15:38

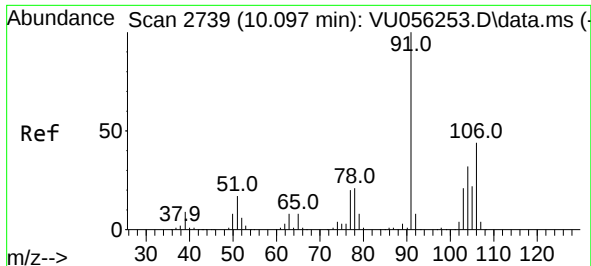
Tgt Ion:106 Resp: 440521

Ion Ratio Lower Upper

106 100

91 215.4 149.6 277.8

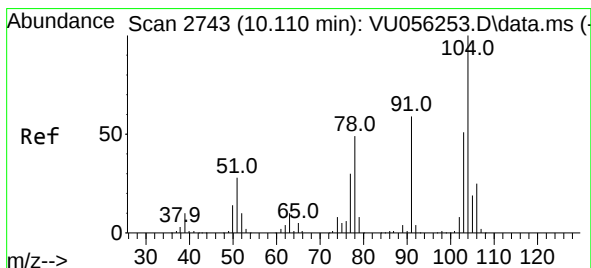
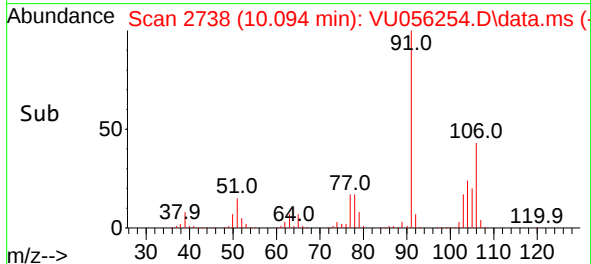
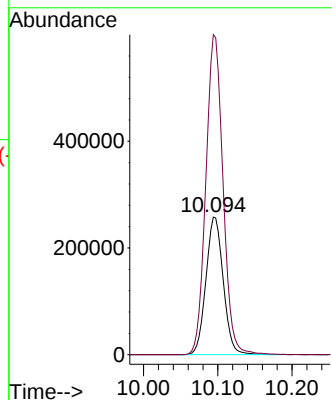
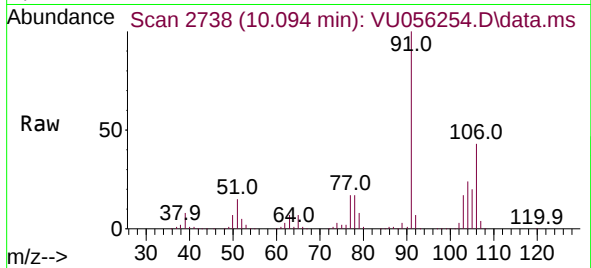




#54
o-Xylene
Concen: 11.624 ug/L
RT: 10.094 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

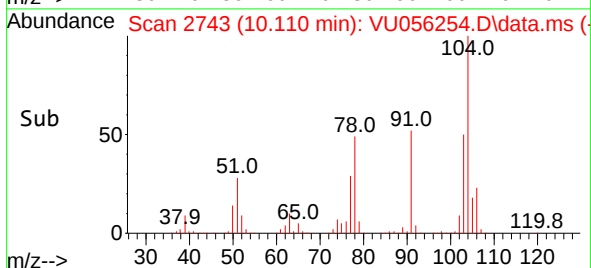
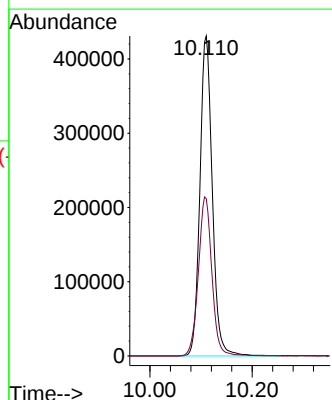
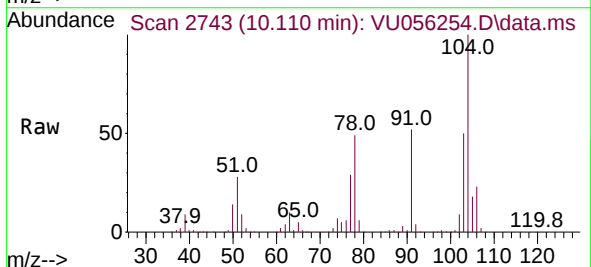
Instrument :
MSVOA_U
ClientSampleId :

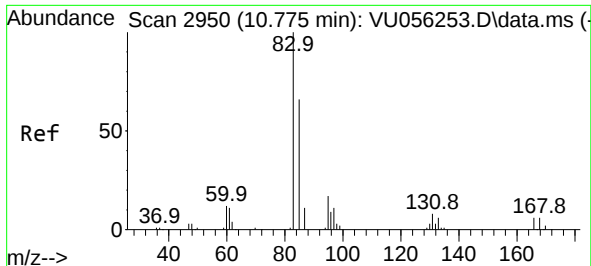
Tgt Ion:106 Resp: 417398
Ion Ratio Lower Upper
106 100
91 232.6 159.3 295.9



#55
Styrene
Concen: 12.156 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion:104 Resp: 726070
Ion Ratio Lower Upper
104 100
78 49.1 34.2 63.6

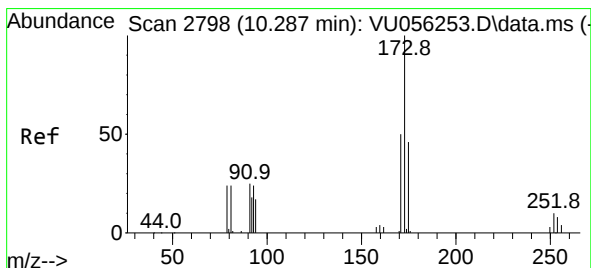
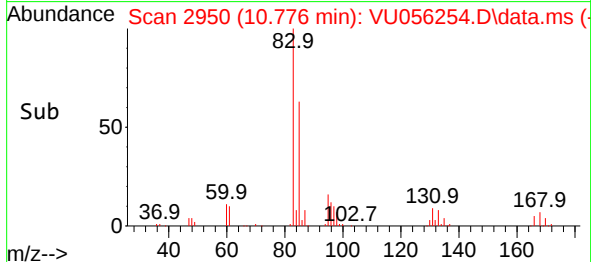
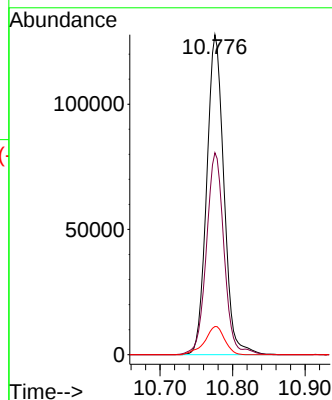
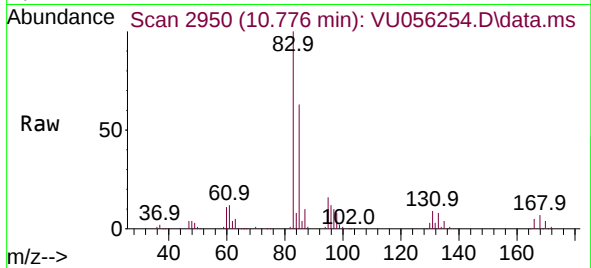




#57
1,1,2-Tetrachloroethane
Concen: 11.345 ug/L
RT: 10.776 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

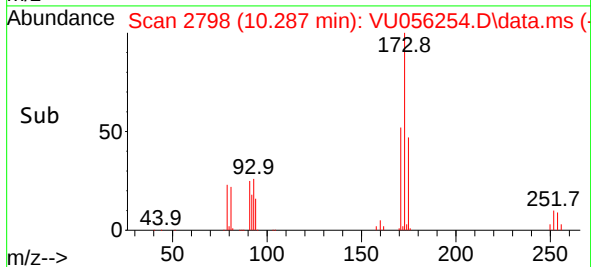
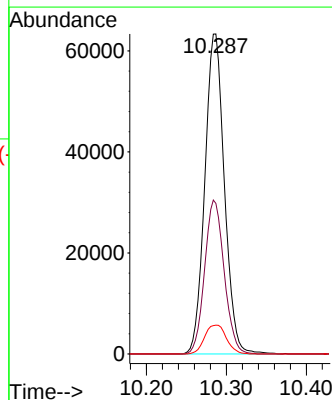
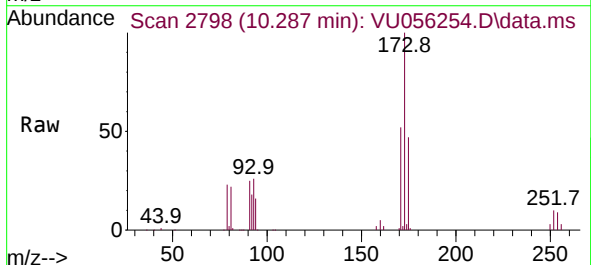
Instrument :
MSVOA_U
ClientSampleId :

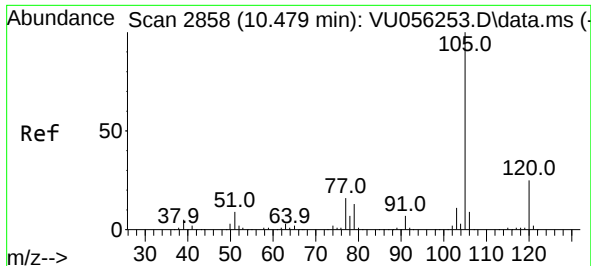
Tgt Ion: 83 Resp: 210434
Ion Ratio Lower Upper
83 100
85 63.1 46.3 86.1
131 8.8 6.7 10.1



#59
Bromoform
Concen: 11.006 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 173 Resp: 107884
Ion Ratio Lower Upper
173 100
175 47.9 38.9 58.3
254 10.0 6.7 10.1

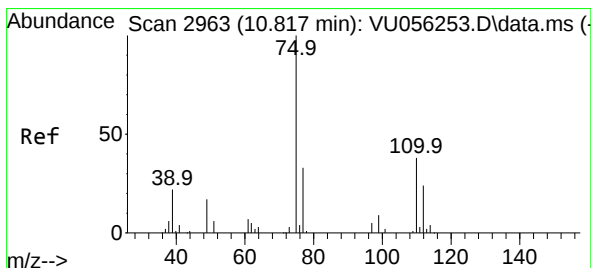
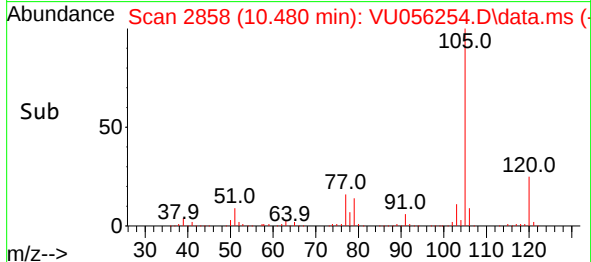
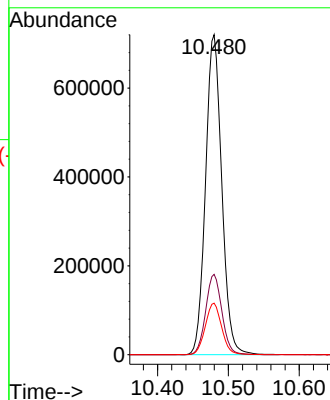
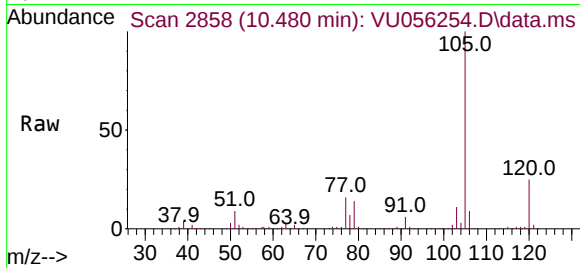




#60
Isopropylbenzene
Concen: 11.273 ug/L
RT: 10.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

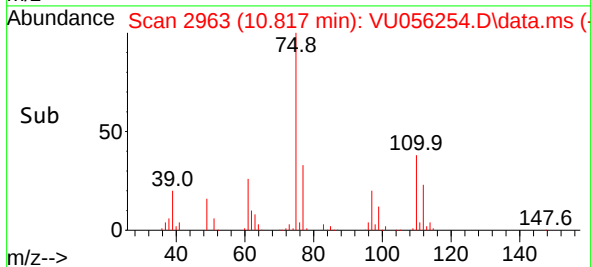
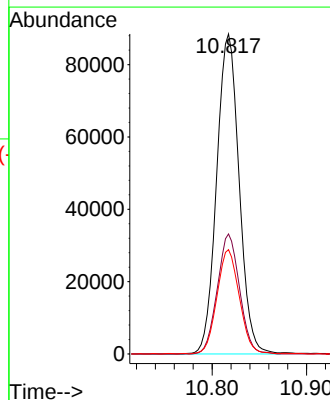
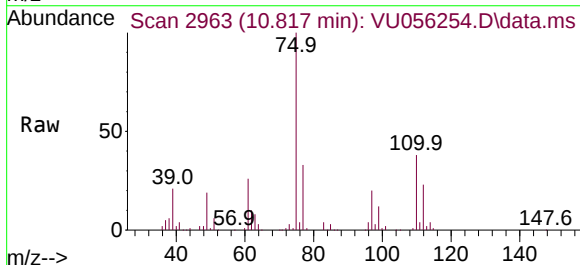
Instrument :
MSVOA_U
ClientSampleId :

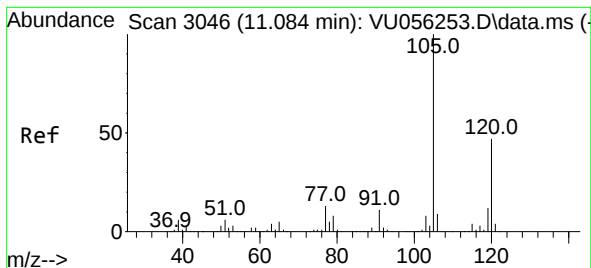
Tgt Ion:105 Resp: 1144029
Ion Ratio Lower Upper
105 100
120 25.1 20.4 30.6
77 16.2 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 10.804 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

Tgt Ion: 75 Resp: 145871
Ion Ratio Lower Upper
75 100
110 37.0 30.4 45.6
77 32.5 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 11.516 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

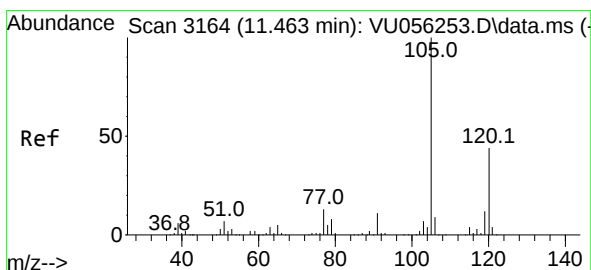
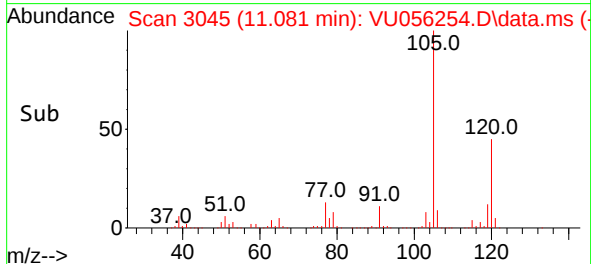
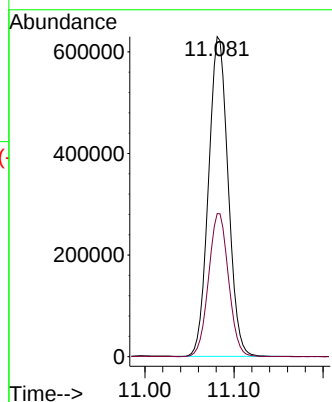
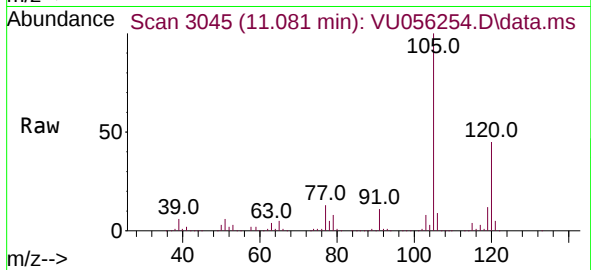
ClientSampleId :

Tgt Ion:105 Resp: 959598

Ion Ratio Lower Upper

105 100

120 45.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 11.625 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU056254.D

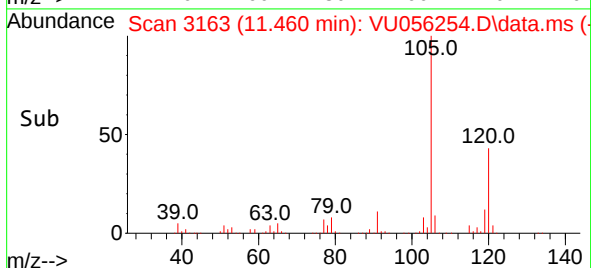
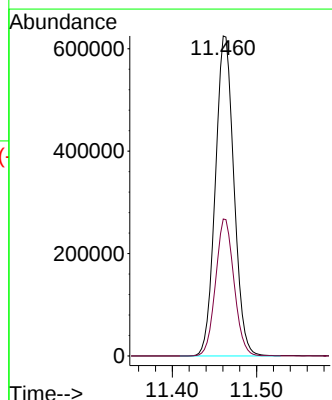
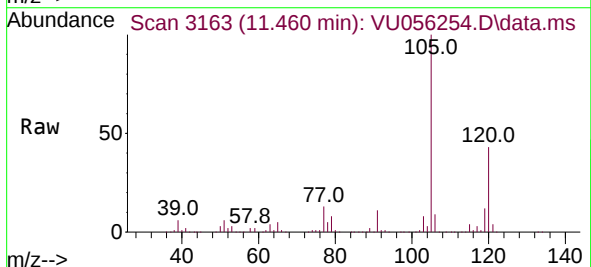
Acq: 13 Nov 2023 15:38

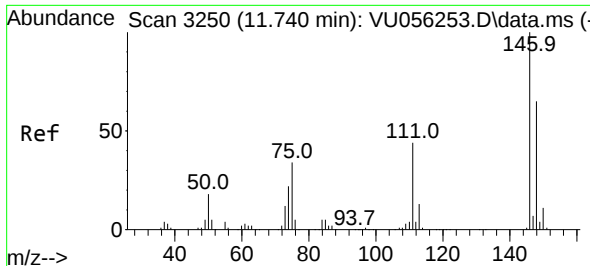
Tgt Ion:105 Resp: 956178

Ion Ratio Lower Upper

105 100

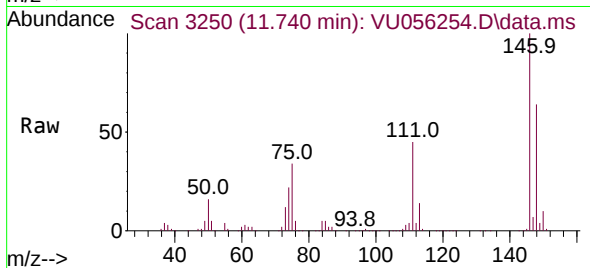
120 42.5 34.0 51.0



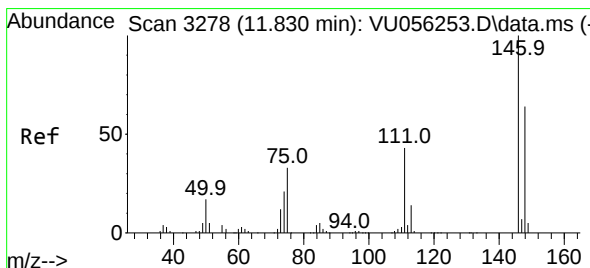
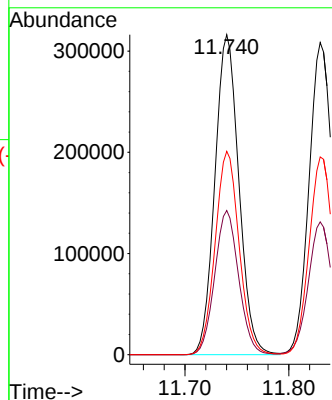
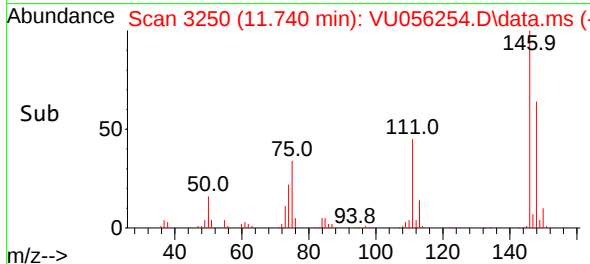


#64
1,3-Dichlorobenzene
Concen: 10.980 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

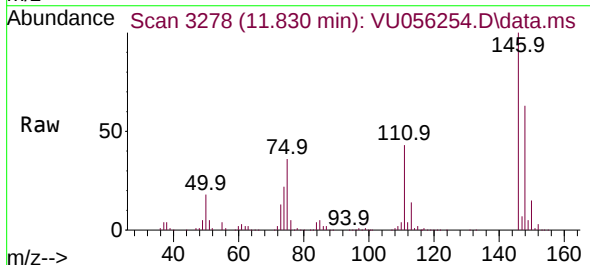
Instrument :
MSVOA_U
ClientSampleId :



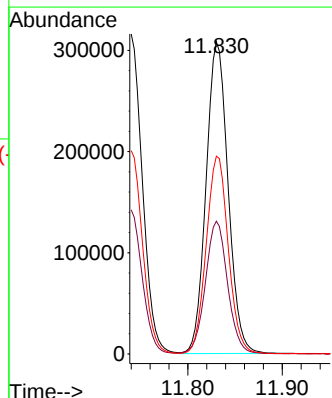
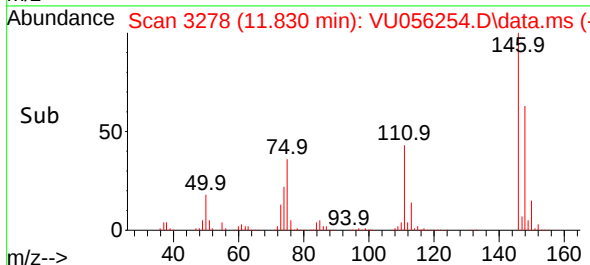
Tgt Ion:146 Resp: 506900
Ion Ratio Lower Upper
146 100
111 45.0 31.1 57.7
148 63.5 45.1 83.9

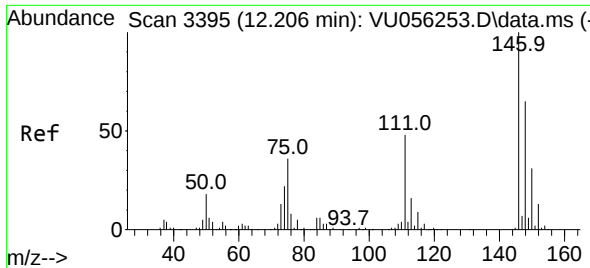


#65
1,4-Dichlorobenzene
Concen: 10.749 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38



Tgt Ion:146 Resp: 497733
Ion Ratio Lower Upper
146 100
111 42.6 30.5 56.7
148 63.4 44.8 83.2

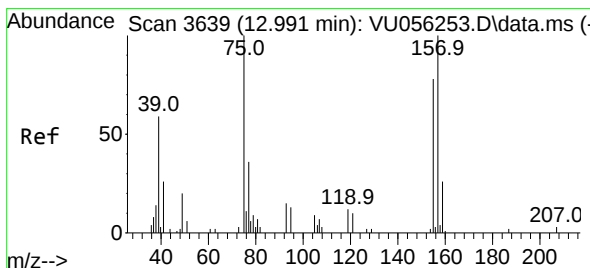
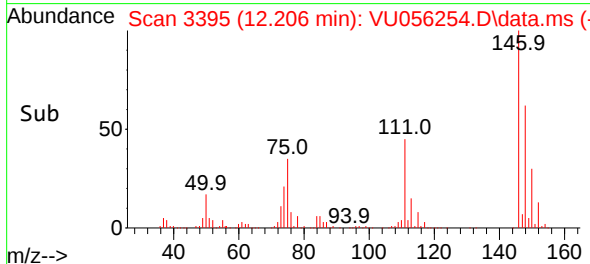
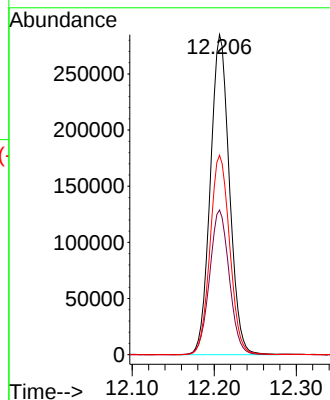
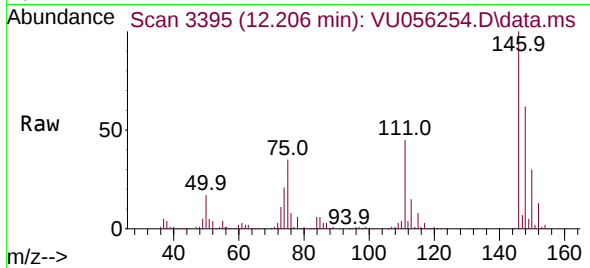




#67
1,2-Dichlorobenzene
Concen: 10.895 ug/L
RT: 12.206 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

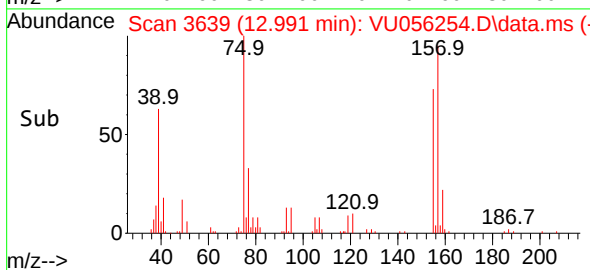
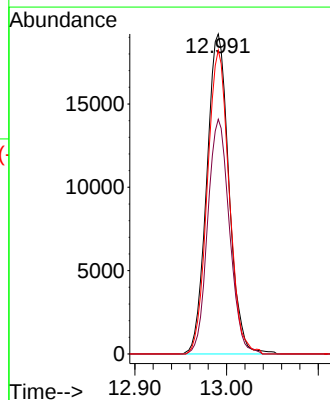
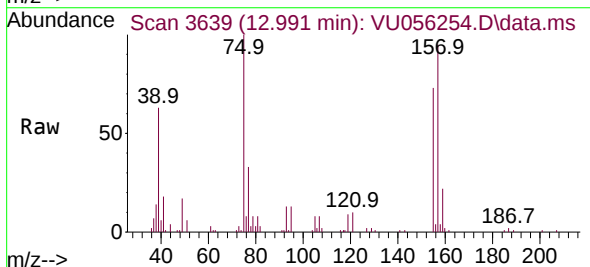
Instrument :
MSVOA_U
ClientSampleId :

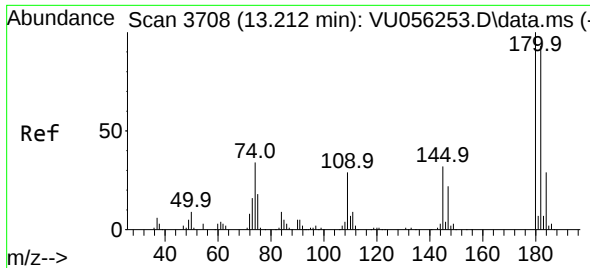
Tgt Ion:146 Resp: 461415
Ion Ratio Lower Upper
146 100
111 45.2 38.3 57.5
148 62.3 52.2 78.4



#68
1,2-Dibromo-3-chloropropane
Concen: 11.206 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU056254.D
Acq: 13 Nov 2023 15:38

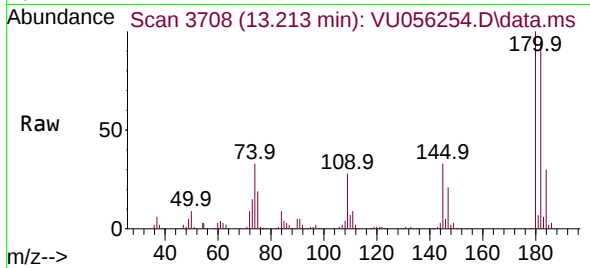
Tgt Ion: 75 Resp: 32319
Ion Ratio Lower Upper
75 100
155 73.3 62.4 93.6
157 95.0 80.2 120.2



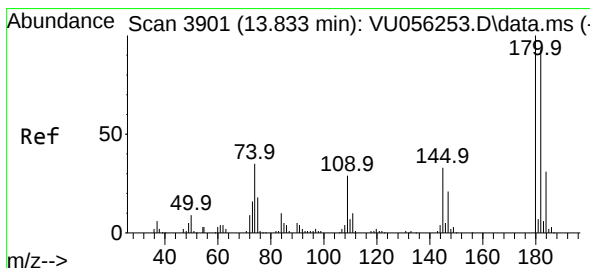
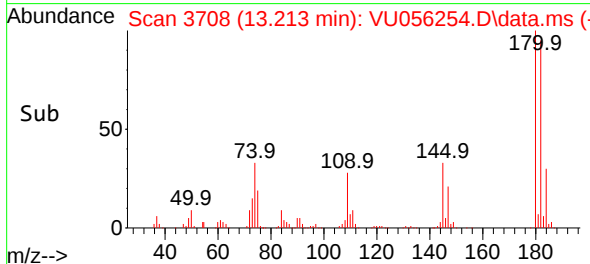
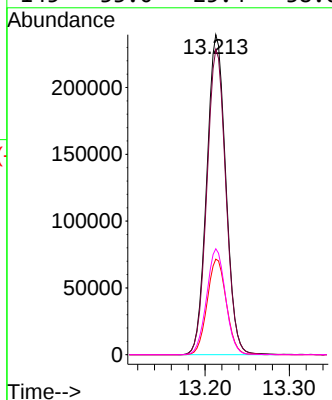


#69
 1,3,5-Trichlorobenzene
 Concen: 10.832 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU056254.D
 Acq: 13 Nov 2023 15:38

Instrument :
 MSVOA_U
 ClientSampleId :

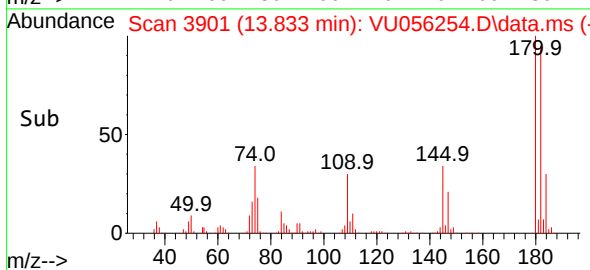
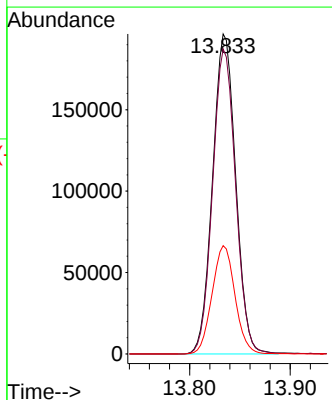
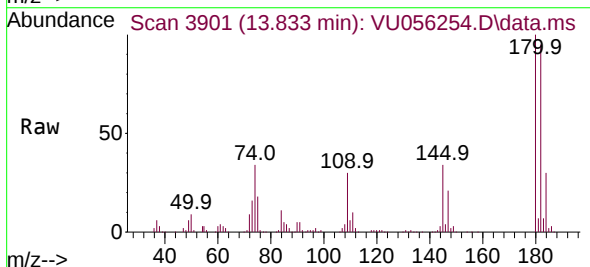


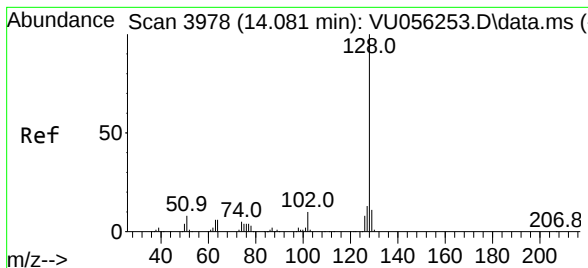
Tgt Ion:180 Resp: 376480
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.1 112.7
 184 30.0 23.5 35.3
 145 33.0 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 11.071 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU056254.D
 Acq: 13 Nov 2023 15:38

Tgt Ion:180 Resp: 313422
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.4 113.2
 145 33.7 26.8 40.2





#71

Naphthalene

Concen: 11.401 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Instrument :

MSVOA_U

ClientSampleId :

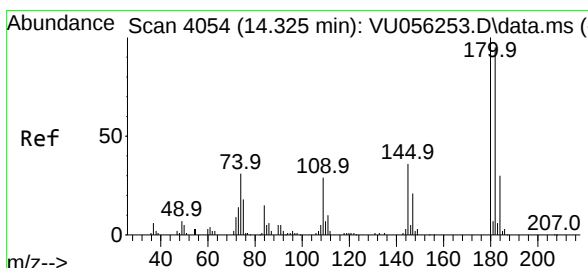
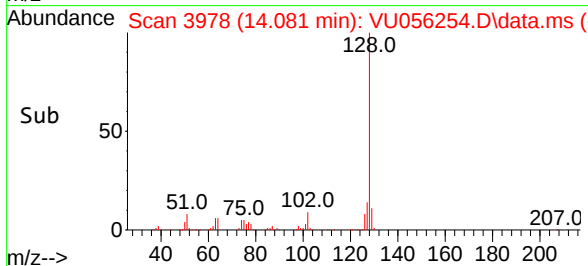
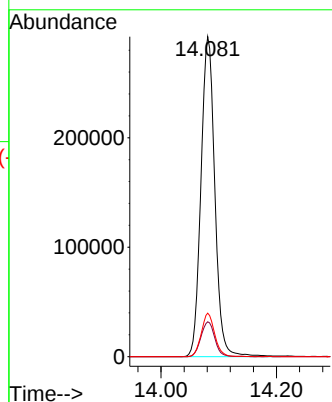
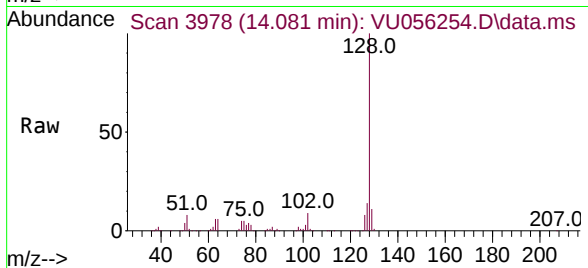
Tgt Ion:128 Resp: 487623

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.1 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 11.016 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU056254.D

Acq: 13 Nov 2023 15:38

Tgt Ion:180 Resp: 256892

Ion Ratio Lower Upper

180 100

182 96.2 78.6 117.8

145 35.3 29.0 43.6

