

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061190.D
 Acq On : 23 Oct 2024 10:23
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 01:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	192389	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65220	4.990	ug/L	0.00
7) Chloroethane-d5	1.908	69	59039	4.928	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	28270	5.056	ug/L	0.00
20) 2-Butanone-d5	4.624	46	133807	51.039	ug/L	0.00
24) Chloroform-d	5.052	84	125619	5.064	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	62258	5.035	ug/L	0.00
32) Benzene-d6	5.718	84	254032	5.062	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	76550	5.074	ug/L	0.00
41) Toluene-d8	7.891	98	235935	5.028	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	31030	5.038	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	126656	50.212	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56994	4.995	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	75430	5.077	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	64728	5.047	ug/L	100
3) Chloromethane	1.515	50	67720	5.007	ug/L	100
5) Vinyl chloride	1.599	62	74914	5.038	ug/L	100
6) Bromomethane	1.853	94	49850	5.059	ug/L	100
8) Chloroethane	1.930	64	54028	4.935	ug/L	100
9) Trichlorofluoromethane	2.133	101	102115	5.056	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60082	5.010	ug/L	100
12) 1,1-Dichloroethene	2.573	96	57886	5.089	ug/L	100
13) Acetone	2.637	43	80851	48.109	ug/L	100
14) Carbon disulfide	2.785	76	190889	5.030	ug/L	100
15) Methyl Acetate	2.953	43	20417	4.905	ug/L	100
16) Methylene chloride	3.036	84	66666	4.974	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	154532	5.013	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	62639	4.980	ug/L	100
19) 1,1-Dichloroethane	3.859	63	119132	5.022	ug/L	100
21) 2-Butanone	4.702	43	137512	52.726	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	72154	5.022	ug/L	100
23) Bromochloromethane	4.965	128	30913	5.114	ug/L	100
25) Chloroform	5.078	83	125209	5.020	ug/L	100
27) 1,2-Dichloroethane	5.785	62	80057	5.079	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	108788	4.988	ug/L	100
30) Cyclohexane	5.380	56	108066	4.940	ug/L	100
31) Carbon tetrachloride	5.515	117	93833	5.028	ug/L	100
33) Benzene	5.766	78	277100	5.031	ug/L	100
34) Trichloroethene	6.534	95	73169	4.883	ug/L	100
35) Methylcyclohexane	6.753	83	116853	4.900	ug/L	100
37) 1,2-Dichloropropane	6.782	63	69771	4.997	ug/L	100
38) Bromodichloromethane	7.097	83	88435	5.005	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	109342	5.071	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	353820	50.920	ug/L	100
42) Toluene	7.962	91	299134	5.001	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	88422	5.033	ug/L	100

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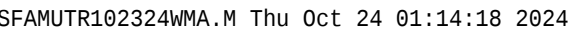
Instrument :
 MSVOA_U
 ClientSampleId :

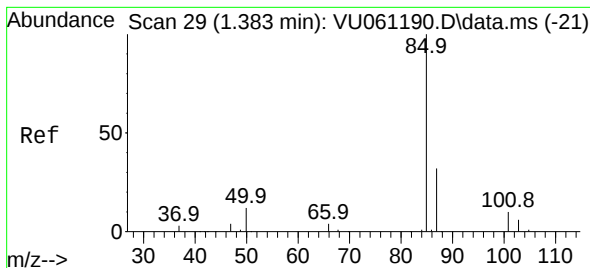
Quant Time: Oct 24 01:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	50927	5.069	ug/L	100
47) Tetrachloroethene	8.544	164	52726	5.038	ug/L	100
48) 2-Hexanone	8.676	43	250044	50.888	ug/L	100
49) Dibromochloromethane	8.801	129	56822	4.986	ug/L	100
50) 1,2-Dibromoethane	8.917	107	49626	5.084	ug/L	100
51) Chlorobenzene	9.438	112	189354	5.008	ug/L	100
52) Ethylbenzene	9.563	91	328417	4.992	ug/L	100
53) m,p-Xylene	9.685	106	126857	5.061	ug/L	100
54) o-Xylene	10.090	106	124377	5.028	ug/L	100
55) Styrene	10.107	104	198645	5.009	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	59510	4.915	ug/L	100
59) Bromoform	10.283	173	31707	5.106	ug/L	100
60) Isopropylbenzene	10.476	105	322359	5.030	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	41808	5.003	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	264056	5.061	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	262089	5.082	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	135375	5.019	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	135000	4.909	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	126900	4.999	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	8513	4.851	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	93374	5.050	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	74206	4.973	ug/L	100
71) Naphthalene	14.081	128	117713	5.064	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	64153	5.139	ug/L	100

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

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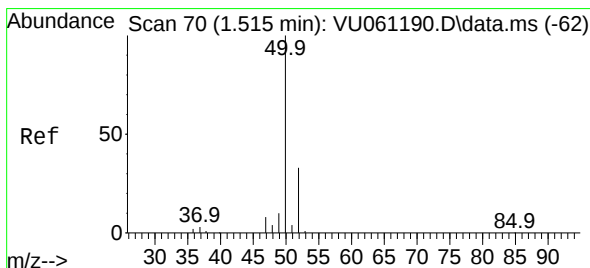
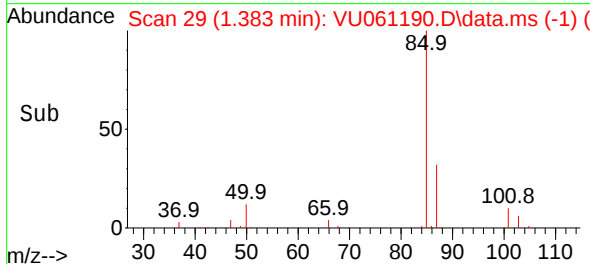
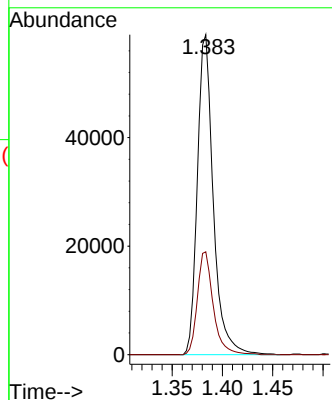
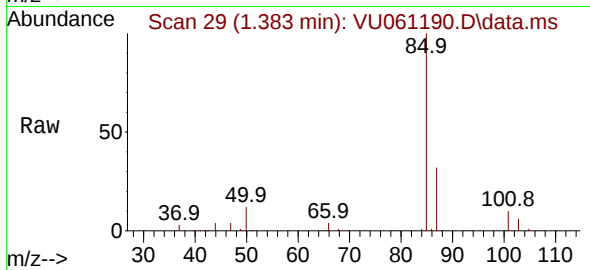




#2
Dichlorodifluoromethane
Concen: 5.047 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

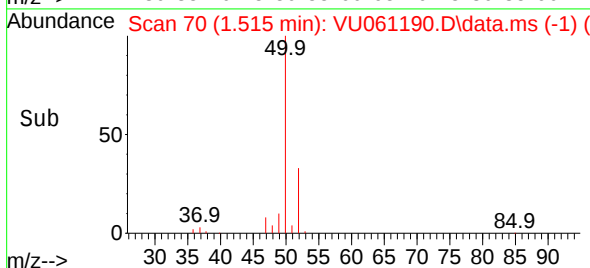
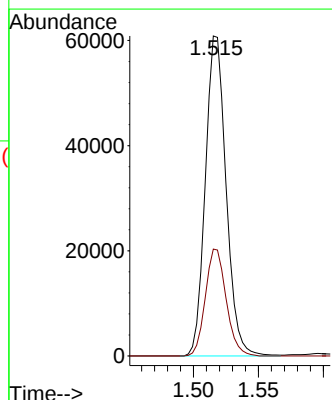
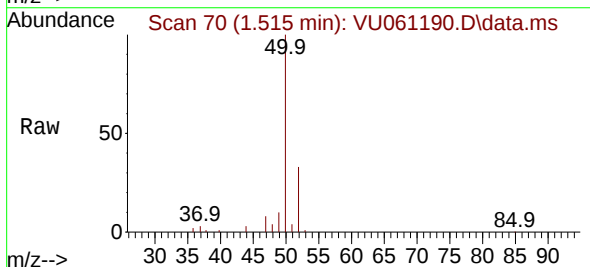
Instrument :
MSVOA_U
ClientSampleId :

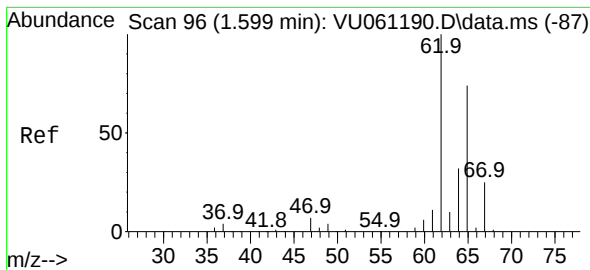
Tgt Ion: 85 Resp: 64728
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 5.007 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 50 Resp: 67720
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4





#5

Vinyl chloride

Concen: 5.038 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

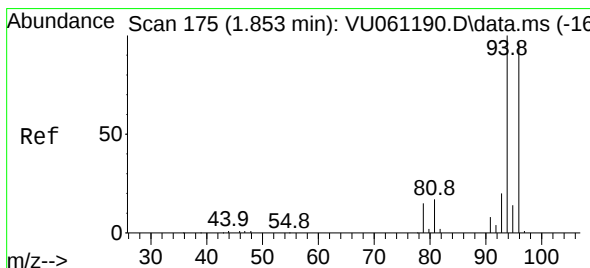
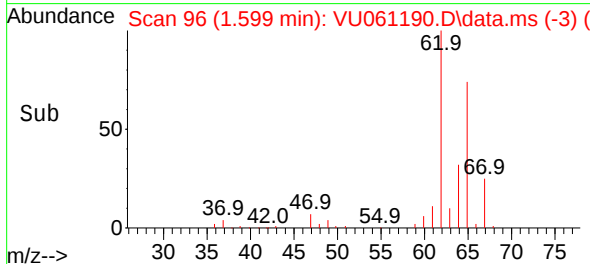
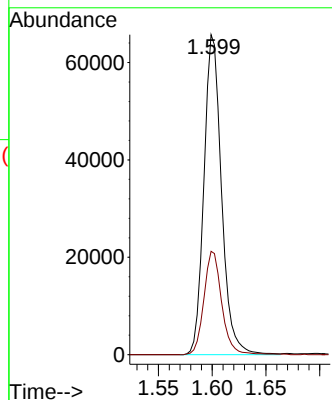
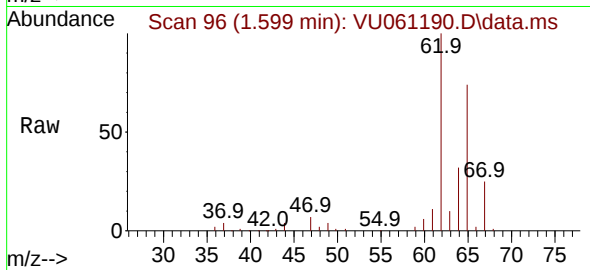
ClientSampleId :

Tgt Ion: 62 Resp: 74914

Ion Ratio Lower Upper

62 100

64 32.3 22.6 42.0



#6

Bromomethane

Concen: 5.059 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.000 min

Lab File: VU061190.D

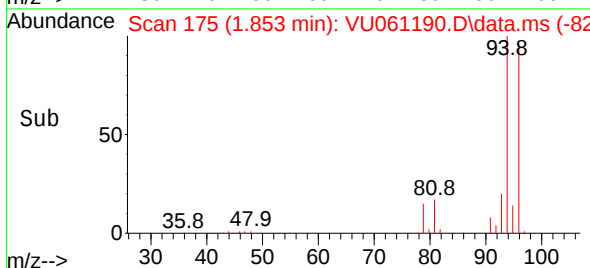
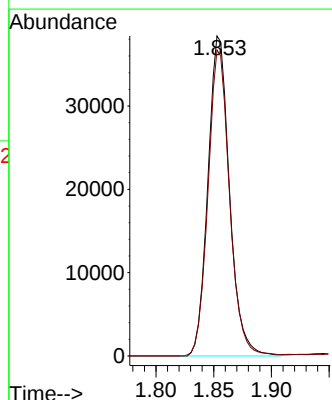
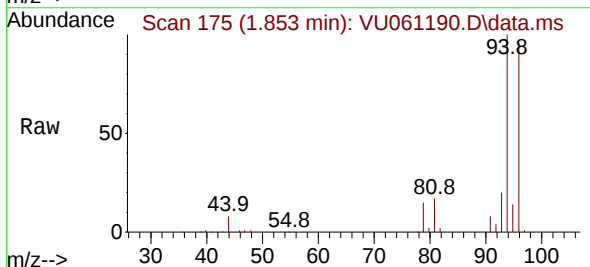
Acq: 23 Oct 2024 10:23

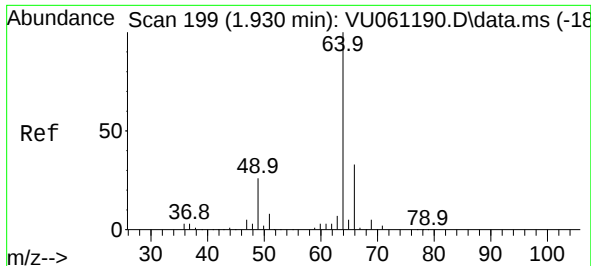
Tgt Ion: 94 Resp: 49850

Ion Ratio Lower Upper

94 100

96 95.6 66.9 124.3

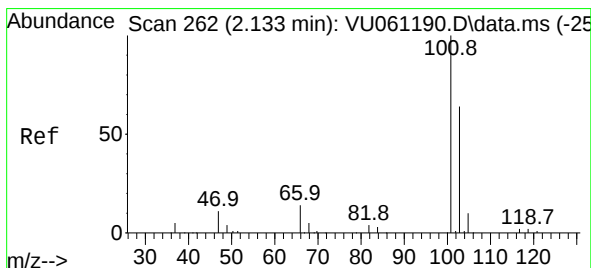
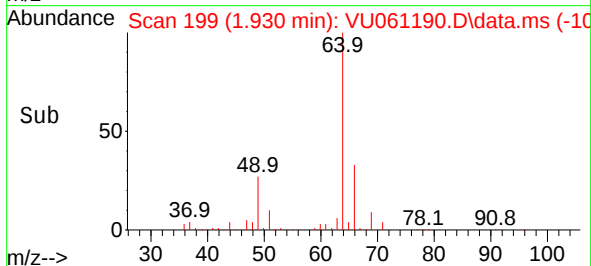
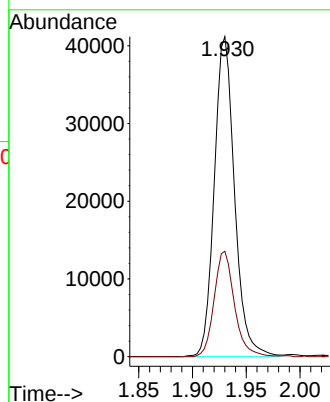
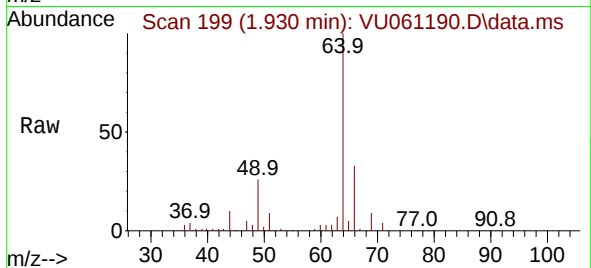




#8
Chloroethane
Concen: 4.935 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

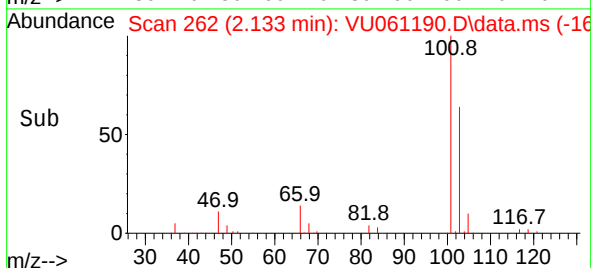
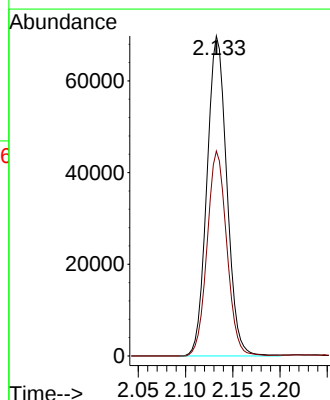
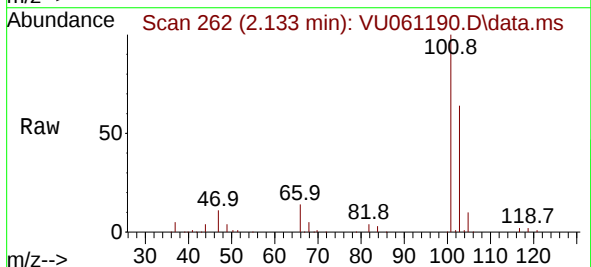
Instrument :
MSVOA_U
ClientSampleId :

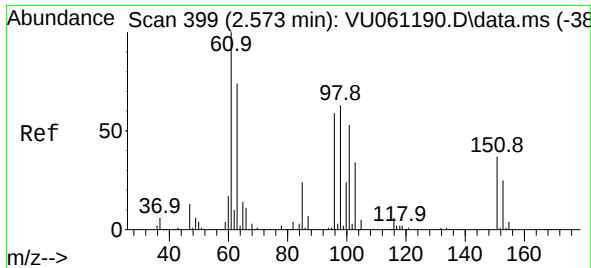
Tgt Ion: 64 Resp: 54028
Ion Ratio Lower Upper
64 100
66 33.0 23.1 42.9



#9
Trichlorofluoromethane
Concen: 5.056 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion:101 Resp: 102115
Ion Ratio Lower Upper
101 100
103 63.2 50.6 75.8

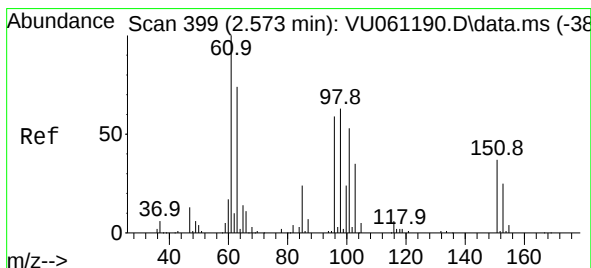
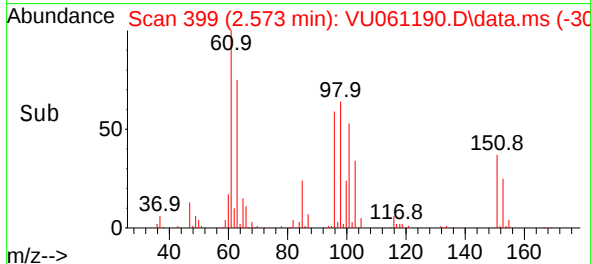
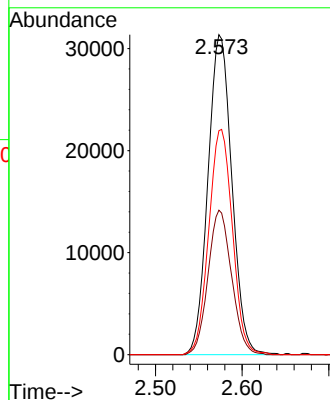
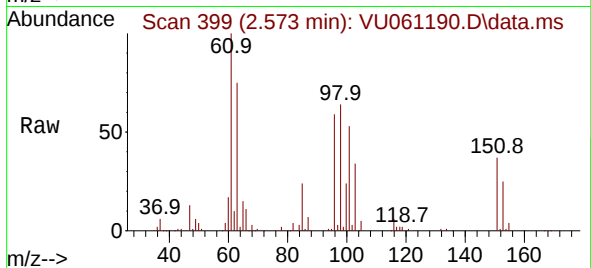




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.010 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061190.D
 Acq: 23 Oct 2024 10:23

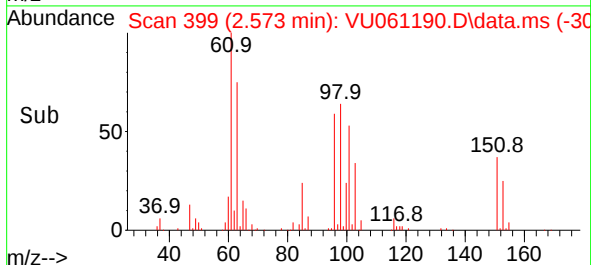
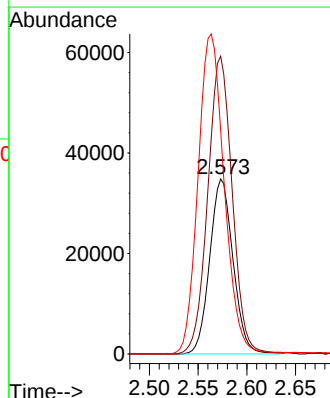
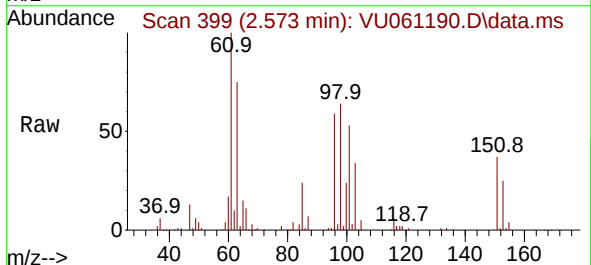
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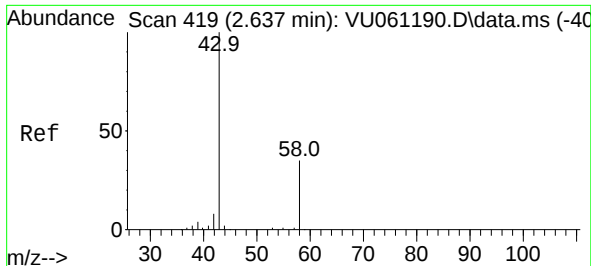
Tgt Ion:101 Resp: 60082
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 69.9 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 5.089 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061190.D
 Acq: 23 Oct 2024 10:23

Tgt Ion: 96 Resp: 57886
 Ion Ratio Lower Upper
 96 100
 61 170.1 119.1 221.1
 63 127.7 89.4 166.0





#13

Acetone

Concen: 48.109 ug/L

RT: 2.637 min Scan# 419

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

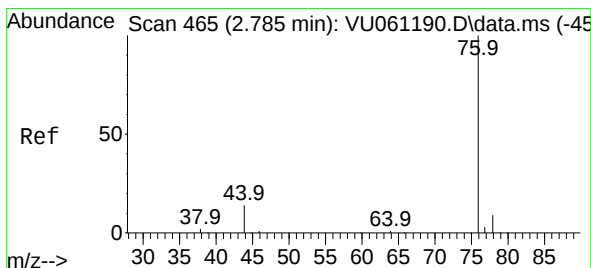
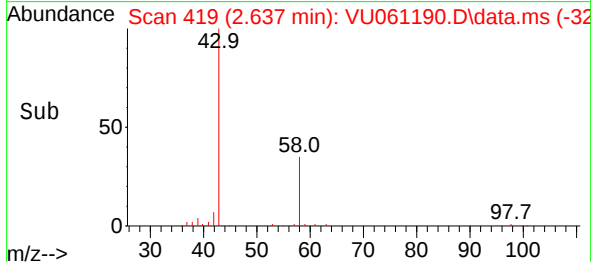
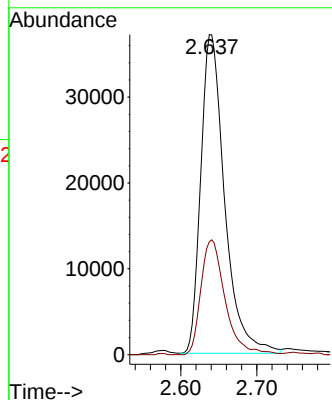
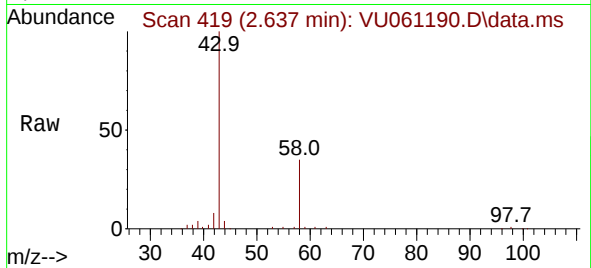
ClientSampleId :

Tgt Ion: 43 Resp: 80851

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.2



#14

Carbon disulfide

Concen: 5.030 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU061190.D

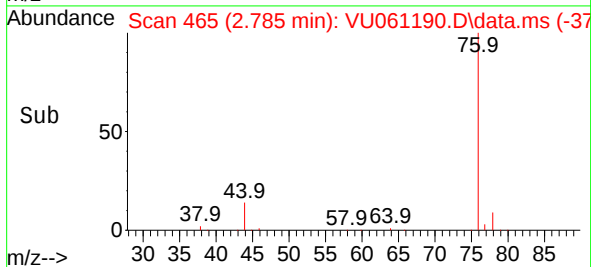
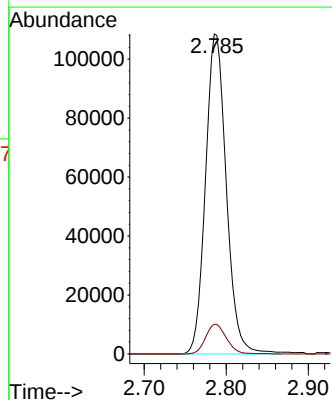
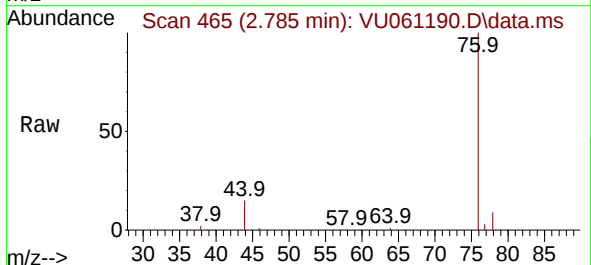
Acq: 23 Oct 2024 10:23

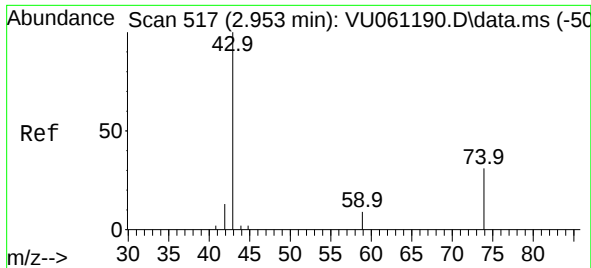
Tgt Ion: 76 Resp: 190889

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

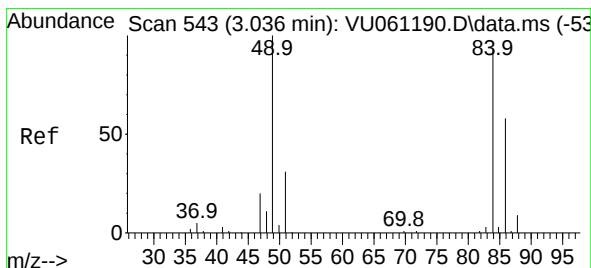
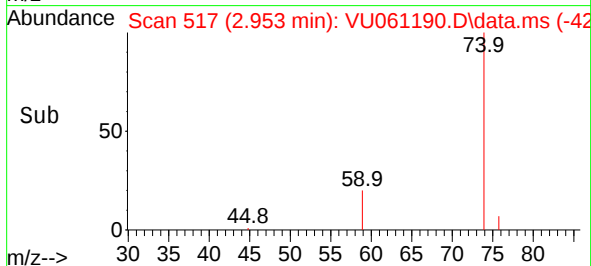
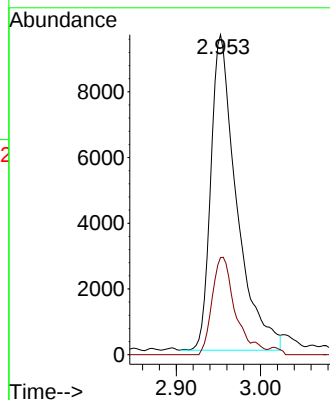
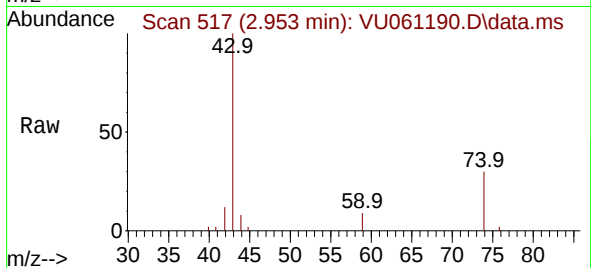




#15
Methyl Acetate
Concen: 4.905 ug/L
RT: 2.953 min Scan# 517
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

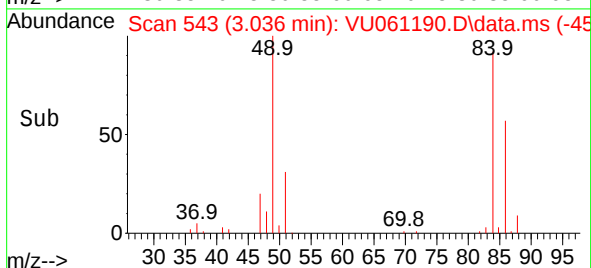
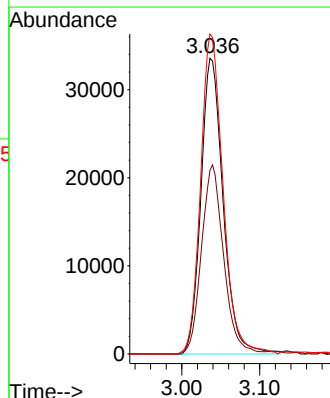
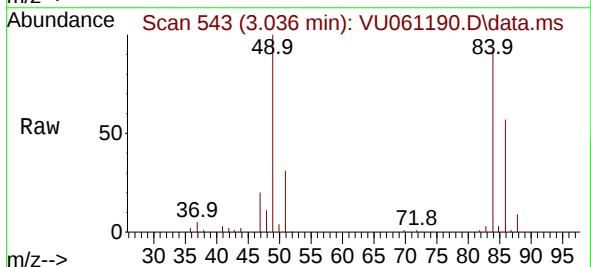
Instrument :
MSVOA_U
ClientSampleId :

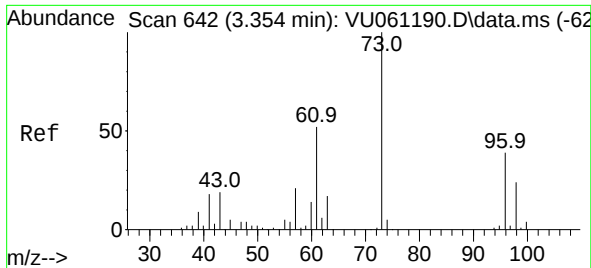
Tgt Ion: 43 Resp: 20417
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4



#16
Methylene chloride
Concen: 4.974 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 84 Resp: 66666
Ion Ratio Lower Upper
84 100
86 62.1 43.5 80.7
49 108.2 75.7 140.7

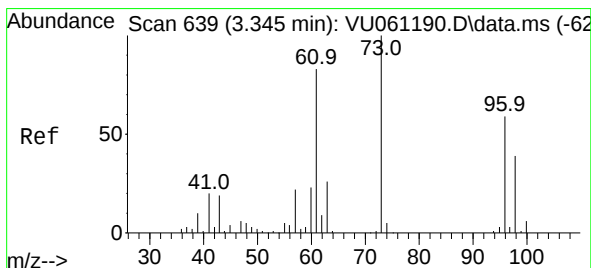
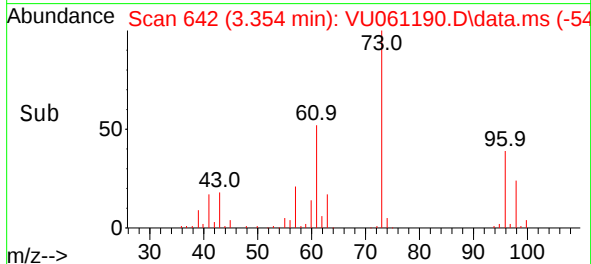
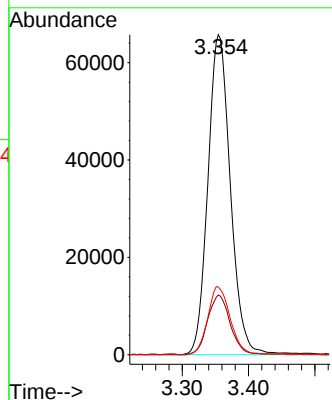
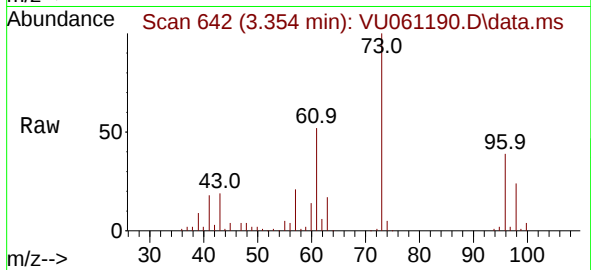




#17
Methyl tert-butyl Ether
Concen: 5.013 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

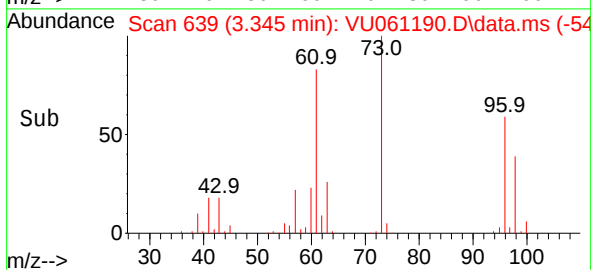
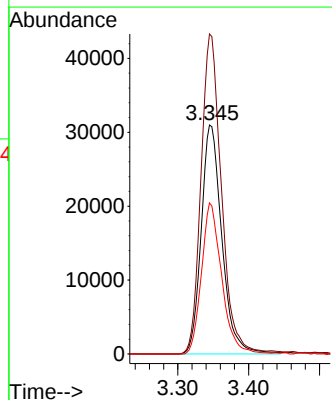
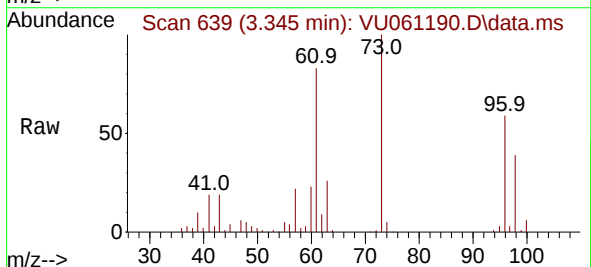
Instrument :
MSVOA_U
ClientSampleId :

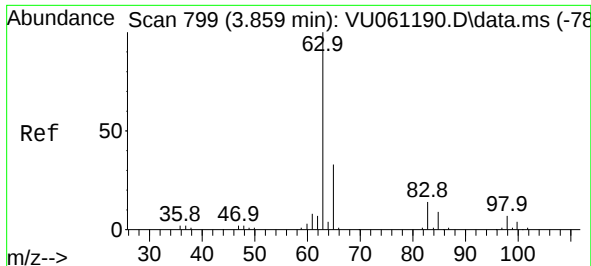
Tgt Ion: 73 Resp: 154532
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.4
57 21.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.980 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 96 Resp: 62639
Ion Ratio Lower Upper
96 100
61 139.8 97.9 181.7
98 66.0 46.2 85.8

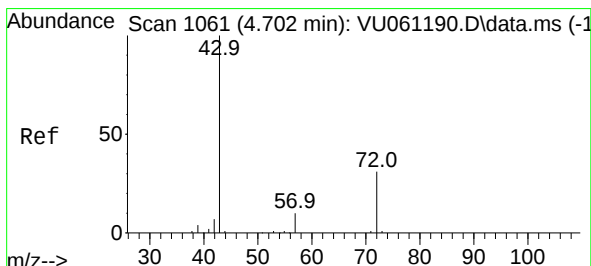
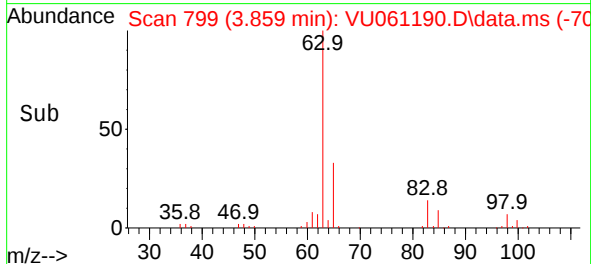
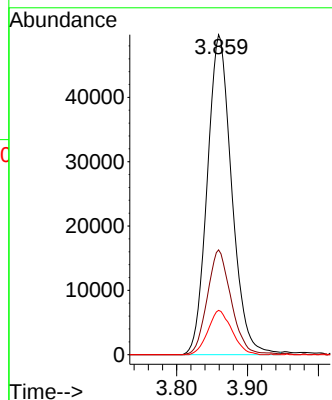
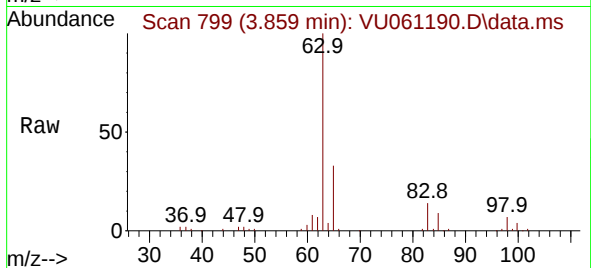




#19
1,1-Dichloroethane
Concen: 5.022 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

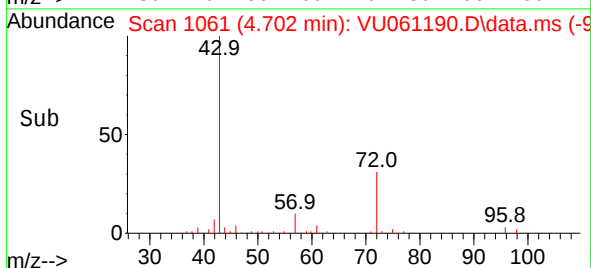
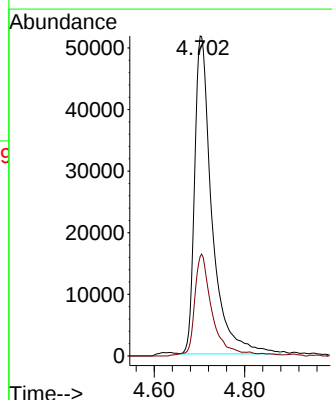
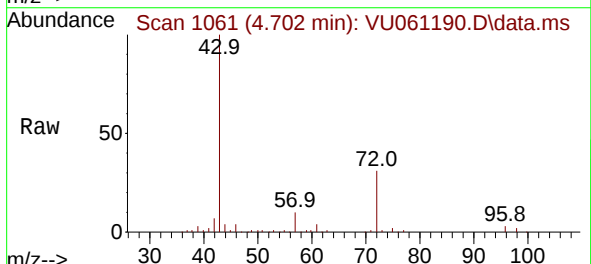
Instrument :
MSVOA_U
ClientSampleId :

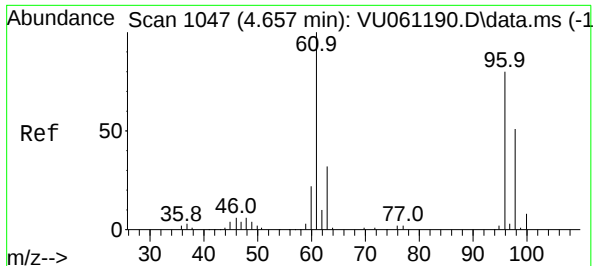
Tgt Ion: 63 Resp: 119132
Ion Ratio Lower Upper
63 100
65 32.8 23.0 42.6
83 13.8 9.7 17.9



#21
2-Butanone
Concen: 52.726 ug/L
RT: 4.702 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 43 Resp: 137512
Ion Ratio Lower Upper
43 100
72 31.7 15.9 47.6

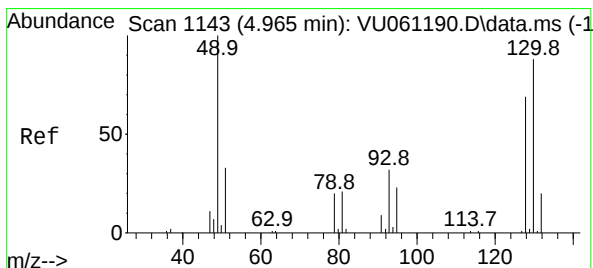
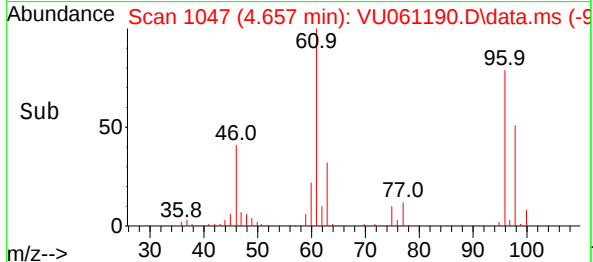
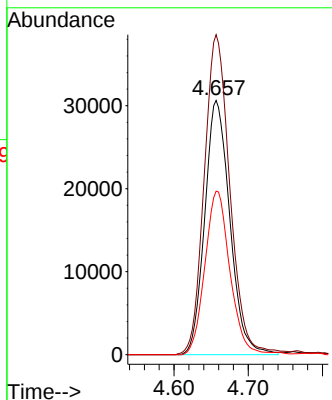
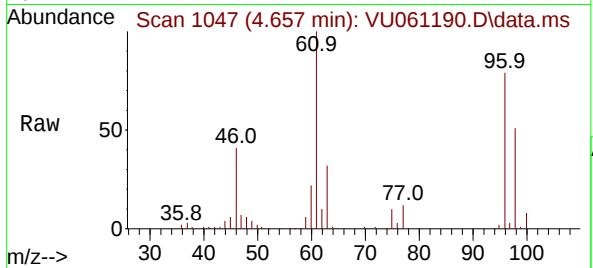




#22
 cis-1,2-Dichloroethene
 Concen: 5.022 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061190.D
 Acq: 23 Oct 2024 10:23

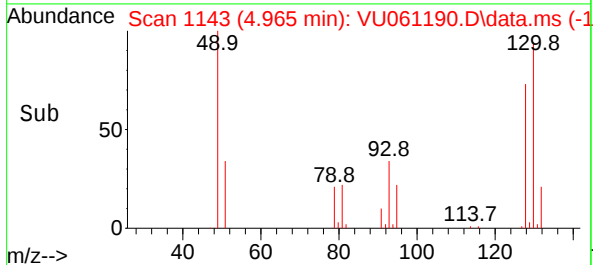
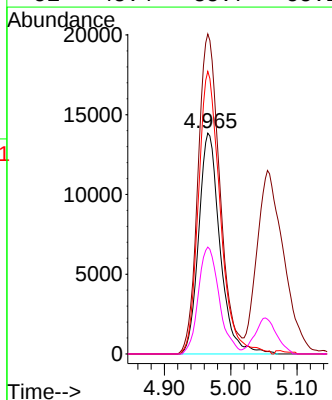
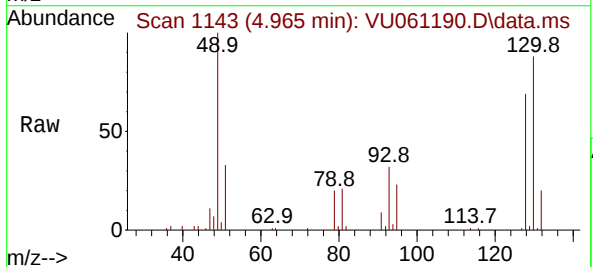
Instrument :
 MSVOA_U
 ClientSampleId :

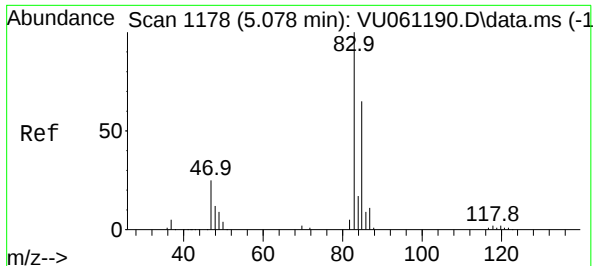
Tgt Ion: 96 Resp: 72154
 Ion Ratio Lower Upper
 96 100
 61 125.8 88.1 163.5
 98 64.3 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.114 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU061190.D
 Acq: 23 Oct 2024 10:23

Tgt Ion:128 Resp: 30913
 Ion Ratio Lower Upper
 128 100
 49 150.1 105.1 195.1
 130 128.0 89.6 166.4
 51 48.4 38.7 58.1





#25

Chloroform

Concen: 5.020 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

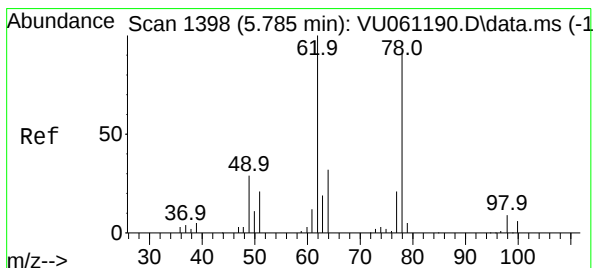
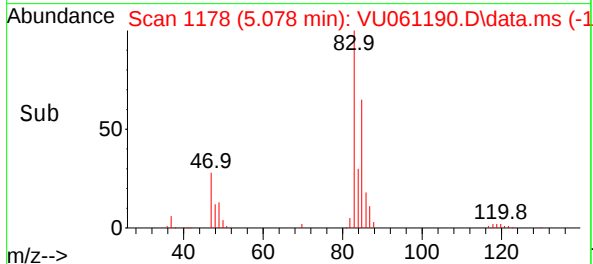
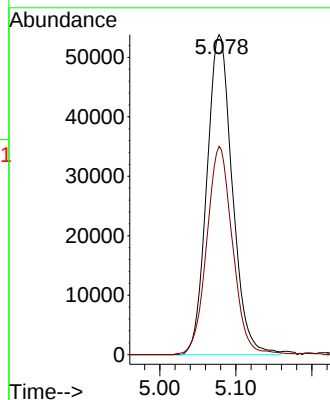
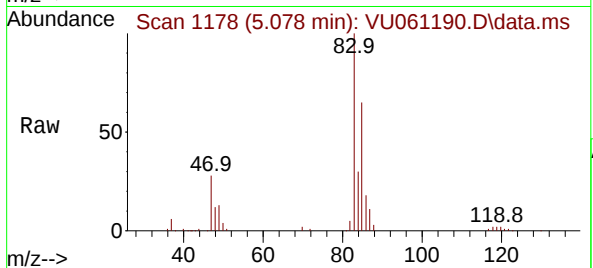
ClientSampleId :

Tgt Ion: 83 Resp: 125209

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.079 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU061190.D

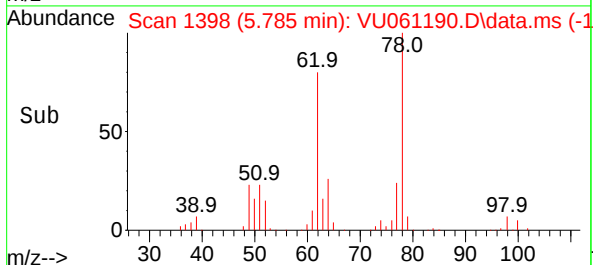
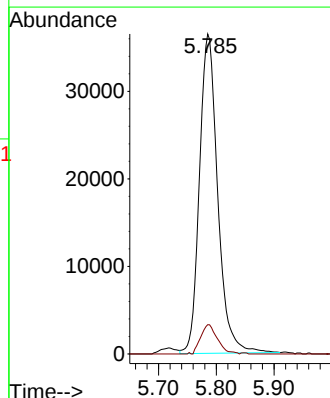
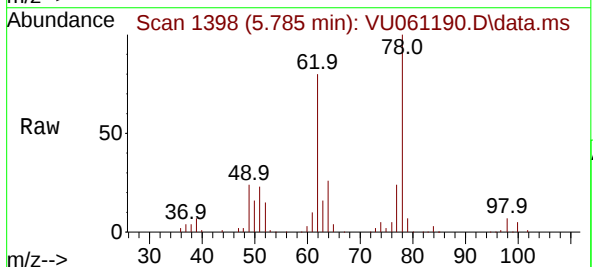
Acq: 23 Oct 2024 10:23

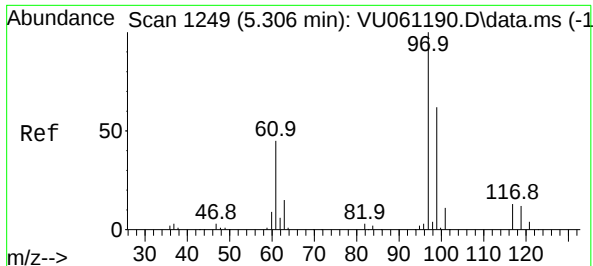
Tgt Ion: 62 Resp: 80057

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

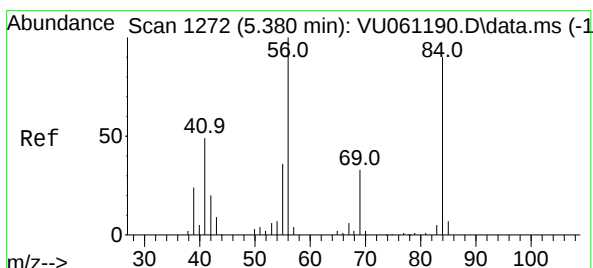
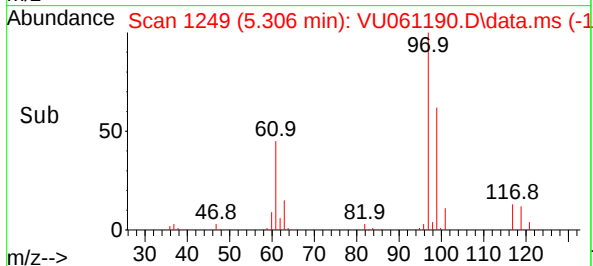
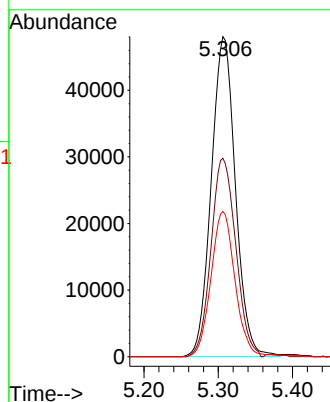
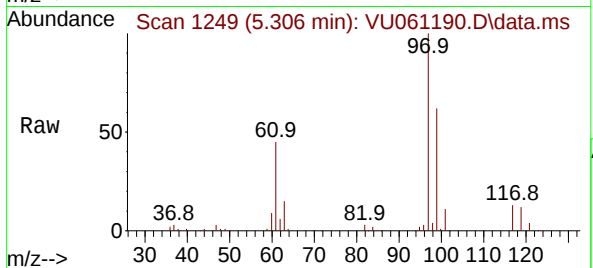




#29
1,1,1-Trichloroethane
Concen: 4.988 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

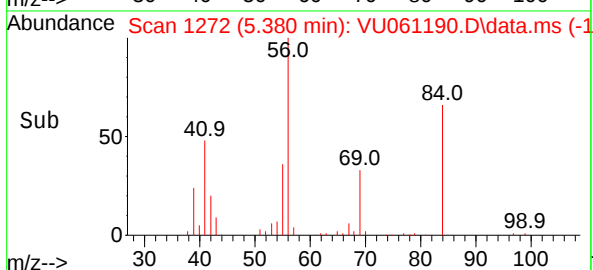
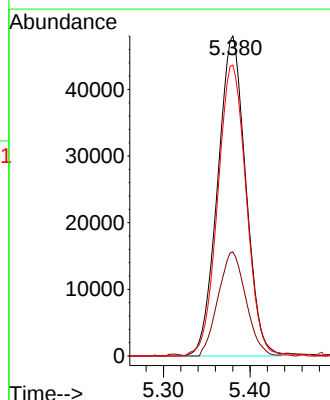
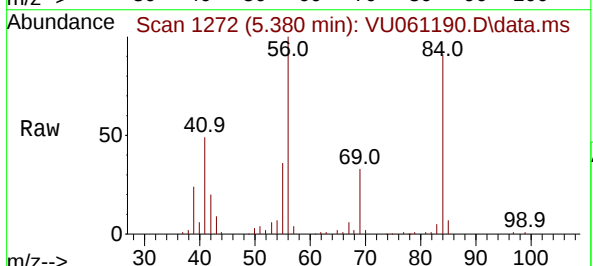
Instrument :
MSVOA_U
ClientSampleId :

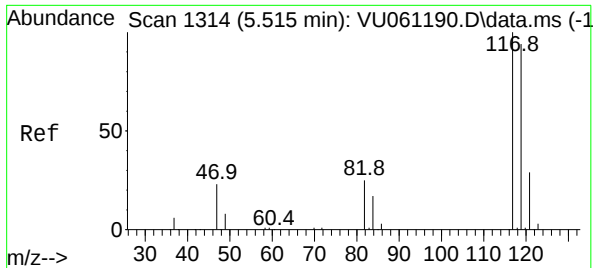
Tgt Ion: 97 Resp: 108788
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 45.1 36.1 54.1



#30
Cyclohexane
Concen: 4.940 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 56 Resp: 108066
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 92.4 73.9 110.9

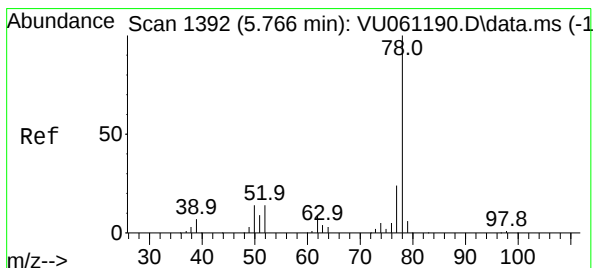
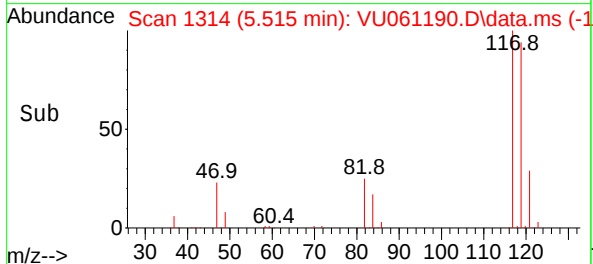
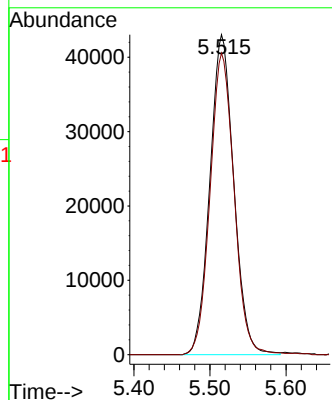
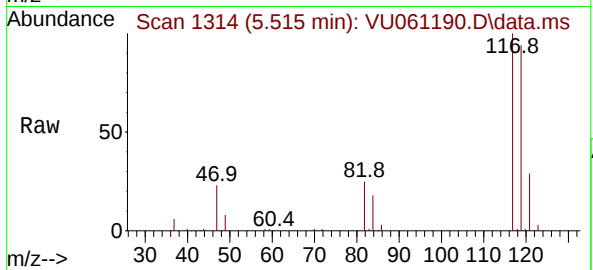




#31
Carbon tetrachloride
Concen: 5.028 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

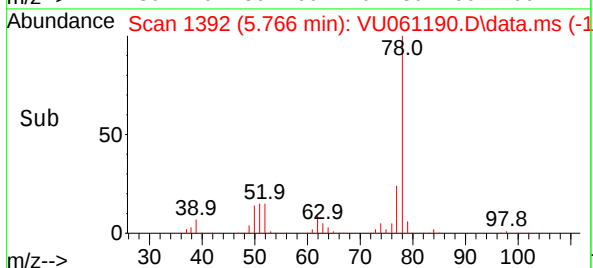
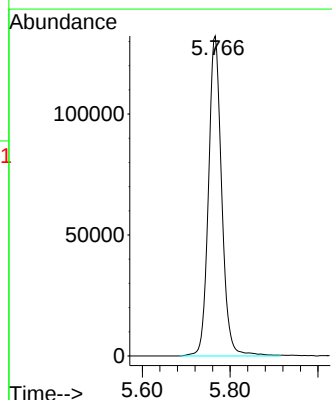
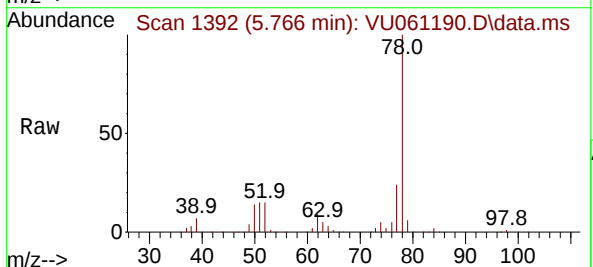
Instrument :
MSVOA_U
ClientSampleId :

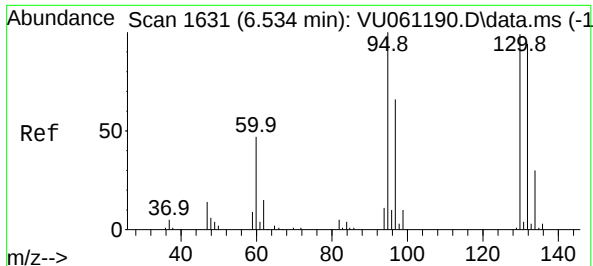
Tgt Ion:117 Resp: 93833
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3



#33
Benzene
Concen: 5.031 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 78 Resp: 277100





#34

Trichloroethene

Concen: 4.883 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 73169

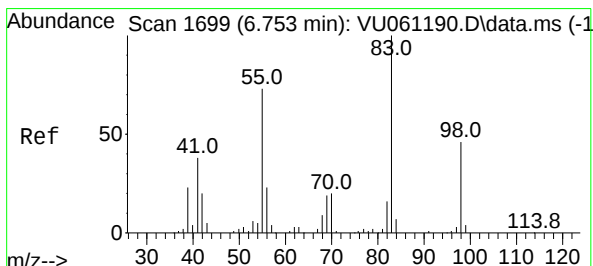
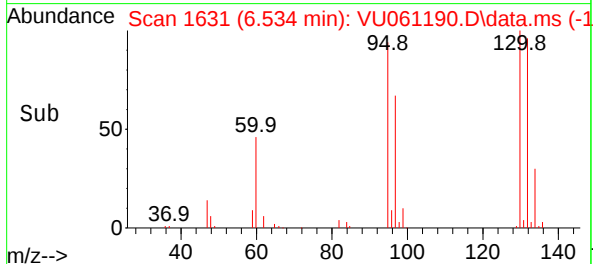
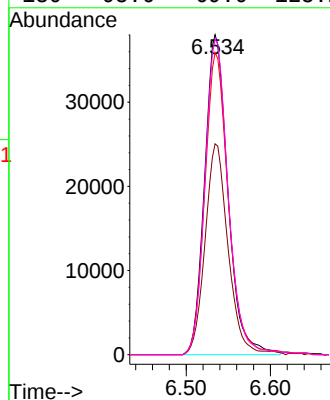
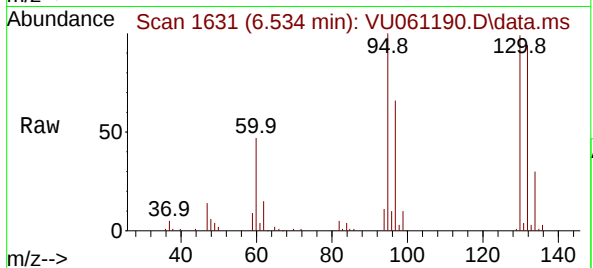
Ion Ratio Lower Upper

95 100

97 65.9 46.1 85.7

132 94.4 66.1 122.7

130 98.6 69.0 128.2



#35

Methylcyclohexane

Concen: 4.900 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

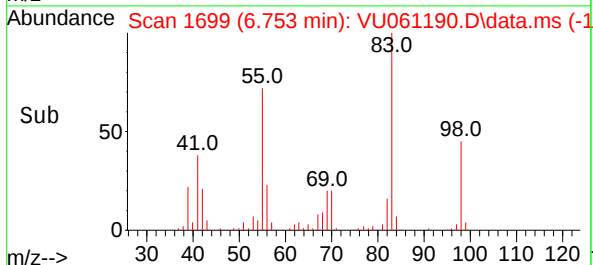
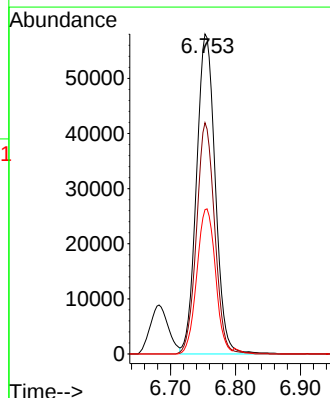
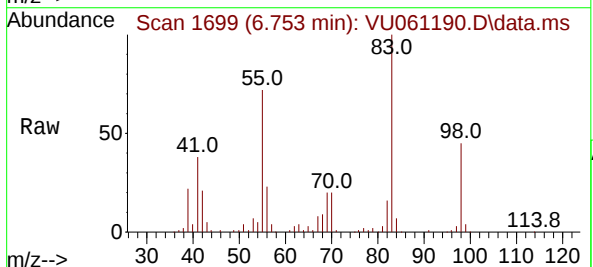
Tgt Ion: 83 Resp: 116853

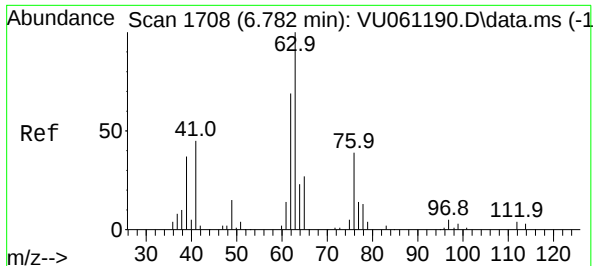
Ion Ratio Lower Upper

83 100

55 69.9 55.9 83.9

98 44.9 35.9 53.9

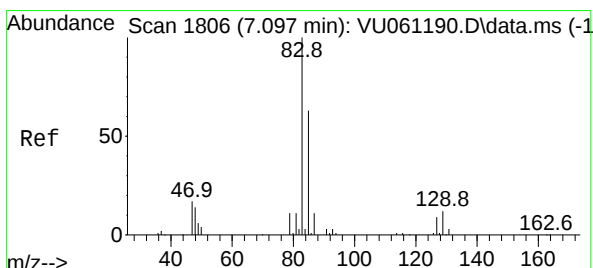
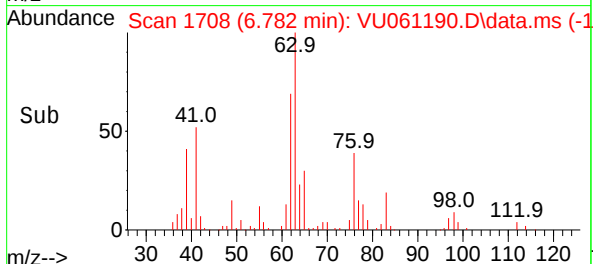
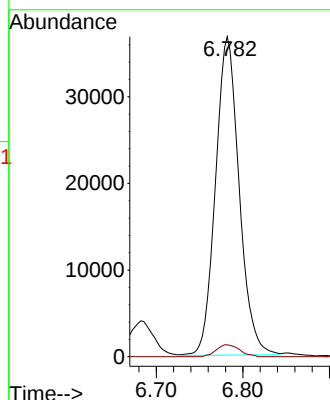
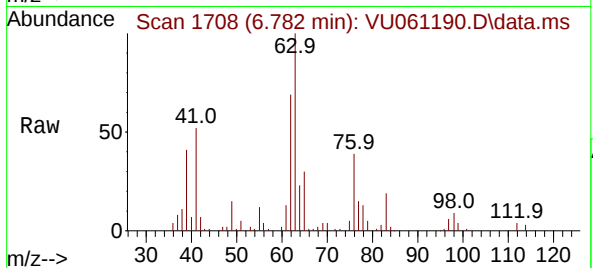




#37
1,2-Dichloropropane
Concen: 4.997 ug/L
RT: 6.782 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

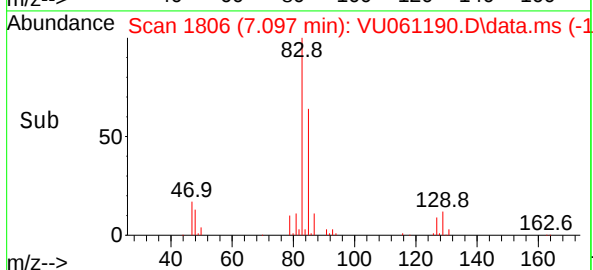
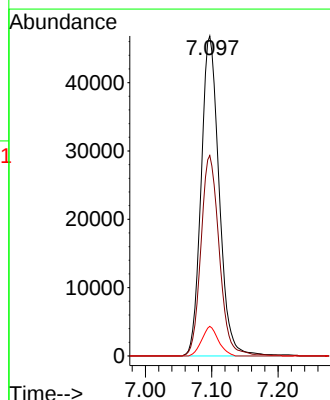
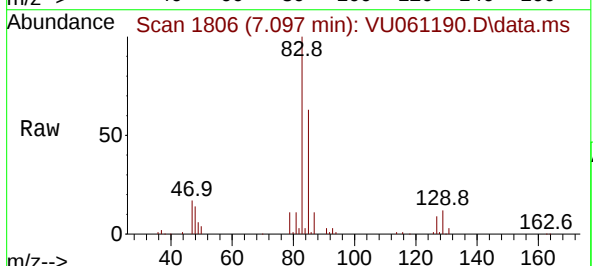
Instrument :
MSVOA_U
ClientSampleId :

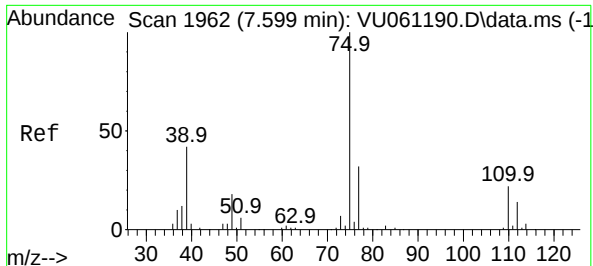
Tgt Ion: 63 Resp: 69771
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.005 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 83 Resp: 88435
Ion Ratio Lower Upper
83 100
85 62.6 43.8 81.4
127 9.2 7.4 11.0

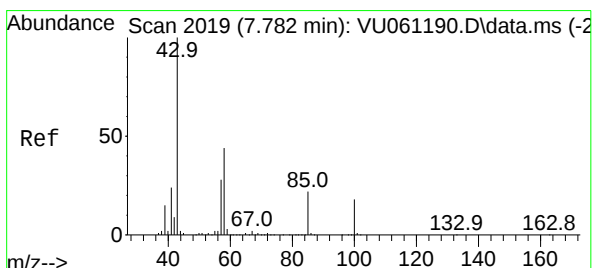
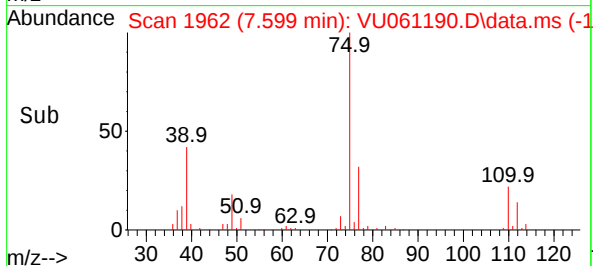
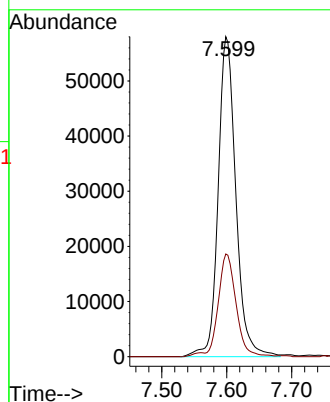
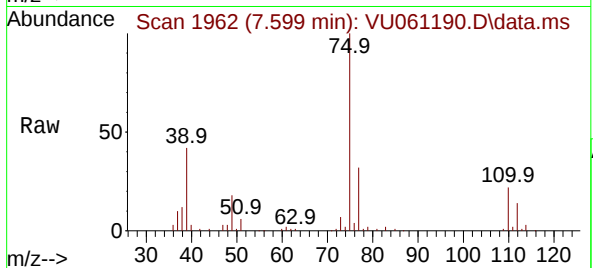




#39
 cis-1,3-Dichloropropene
 Concen: 5.071 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. 0.000 min
 Lab File: VU061190.D
 Acq: 23 Oct 2024 10:23

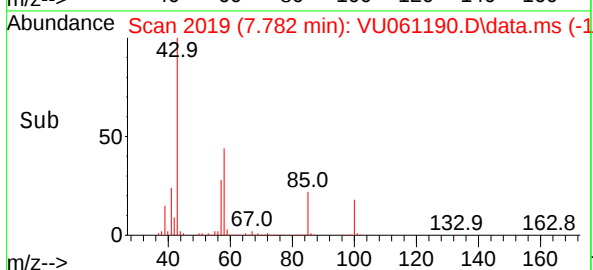
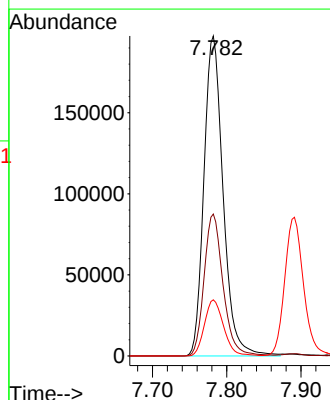
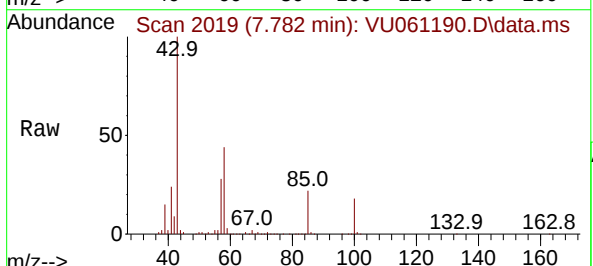
Instrument :
 MSVOA_U
 ClientSampleId :

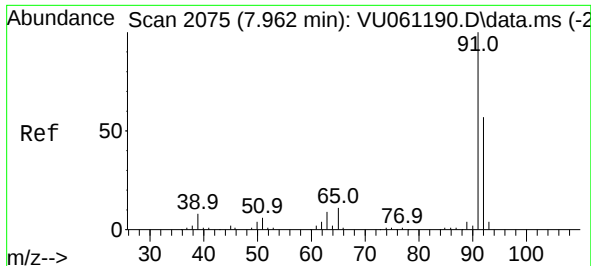
Tgt Ion: 75 Resp: 109342
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 50.920 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VU061190.D
 Acq: 23 Oct 2024 10:23

Tgt Ion: 43 Resp: 353820
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.1 52.7
 100 17.5 14.0 21.0





#42

Toluene

Concen: 5.001 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

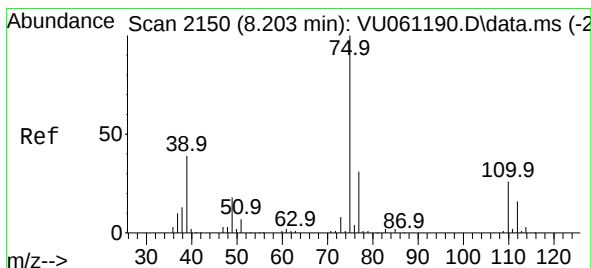
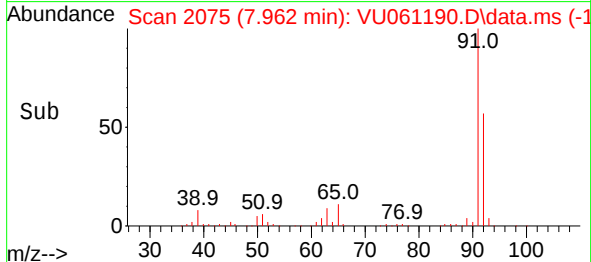
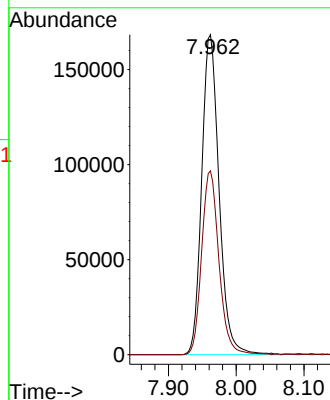
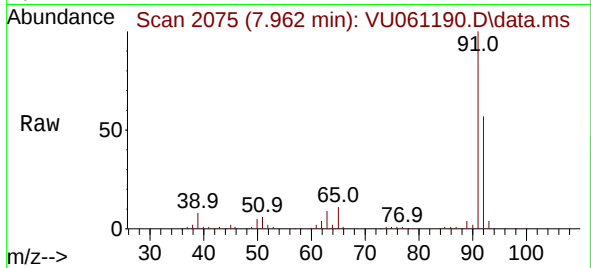
ClientSampleId :

Tgt Ion: 91 Resp: 299134

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.033 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU061190.D

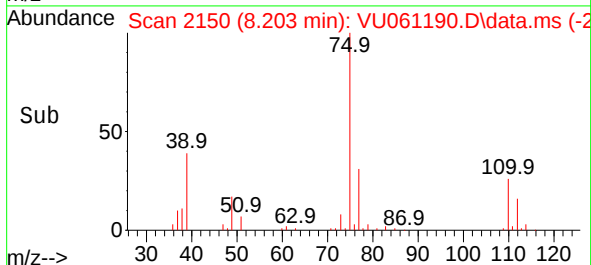
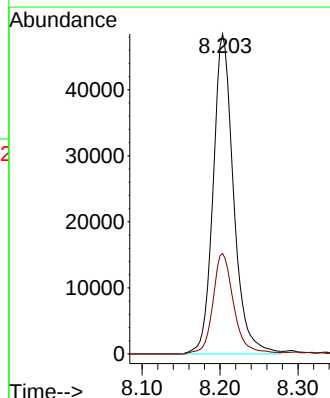
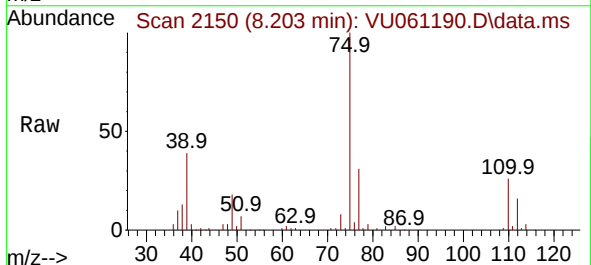
Acq: 23 Oct 2024 10:23

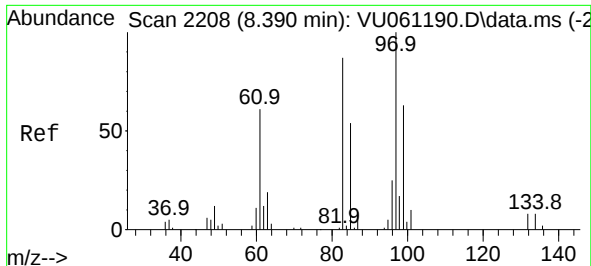
Tgt Ion: 75 Resp: 88422

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.069 ug/L

RT: 8.390 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 50927

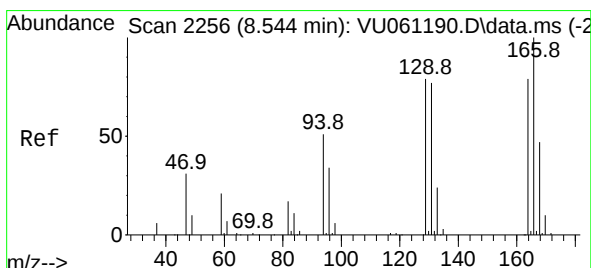
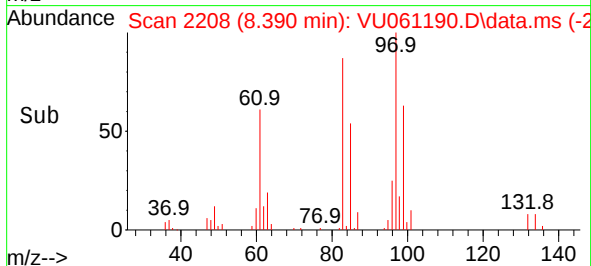
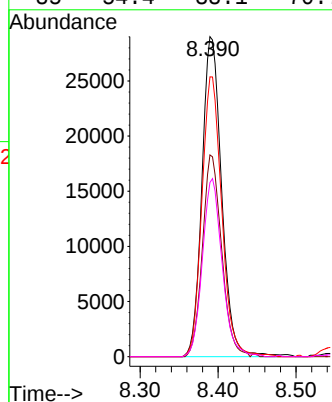
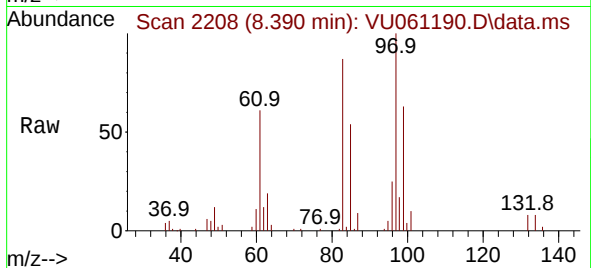
Ion Ratio Lower Upper

97 100

99 63.0 44.1 81.9

83 87.4 61.2 113.6

85 54.4 38.1 70.7



#47

Tetrachloroethene

Concen: 5.038 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Tgt Ion:164 Resp: 52726

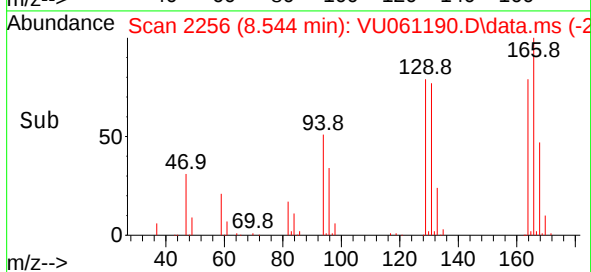
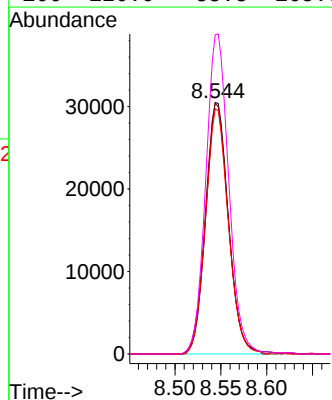
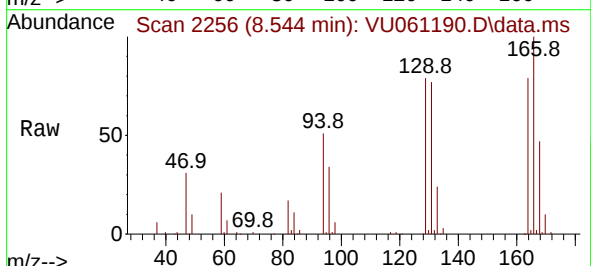
Ion Ratio Lower Upper

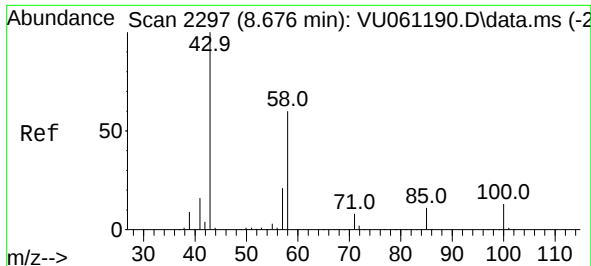
164 100

129 99.8 69.9 129.7

131 97.5 68.3 126.8

166 126.9 88.8 165.0



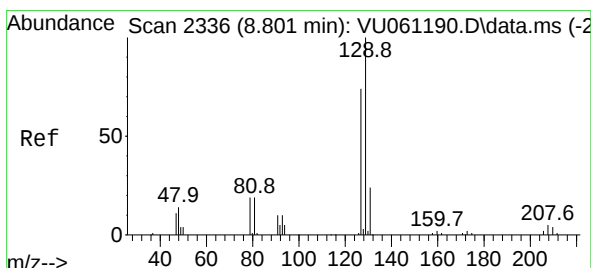
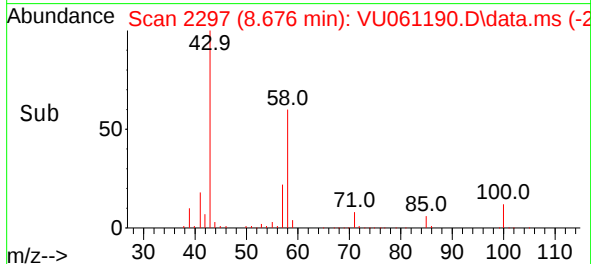
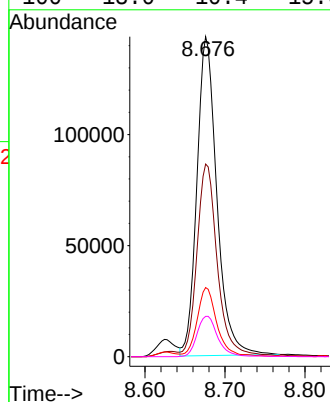
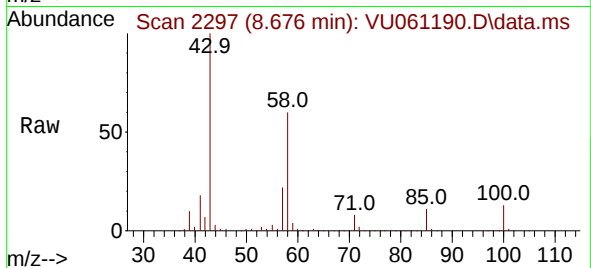


#48
2-Hexanone
Concen: 50.888 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 250044

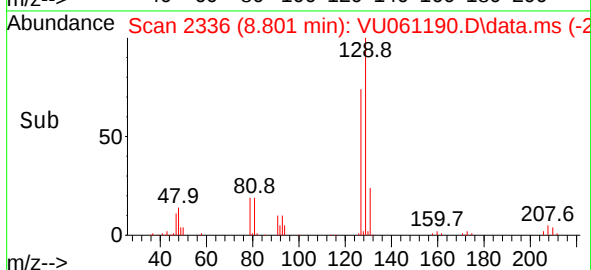
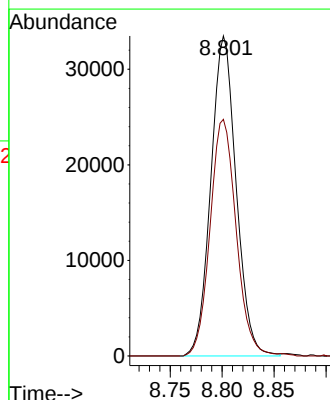
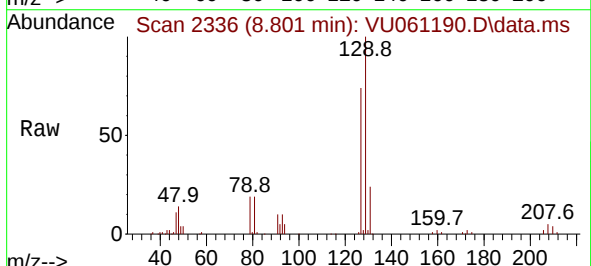
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.6	72.8
57	21.3	17.0	25.6
100	13.0	10.4	15.6

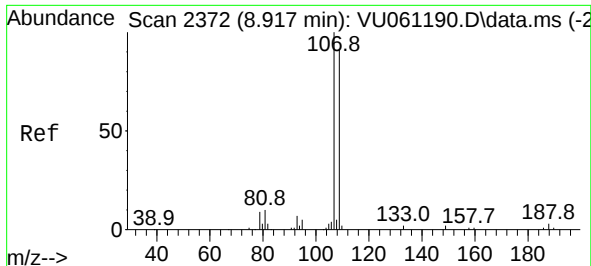


#49
Dibromochloromethane
Concen: 4.986 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 129 Resp: 56822

Ion	Ratio	Lower	Upper
129	100		
127	74.0	51.8	96.2

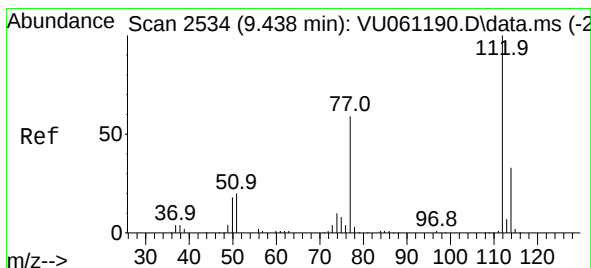
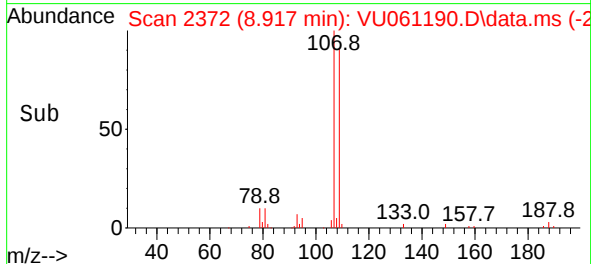
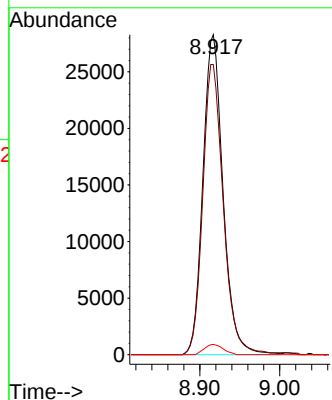
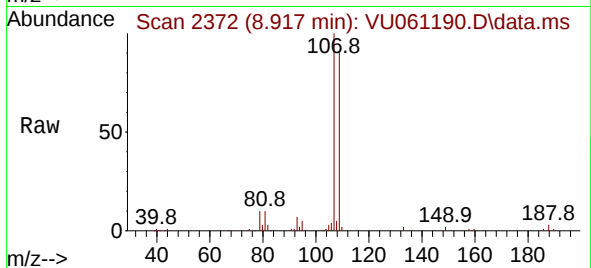




#50
1,2-Dibromoethane
Concen: 5.084 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

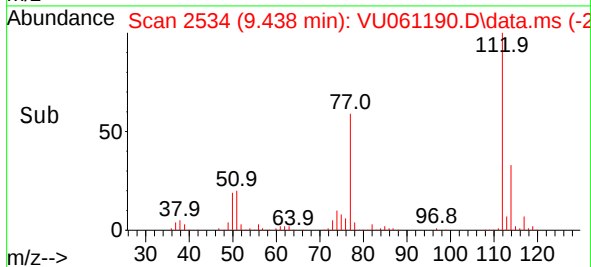
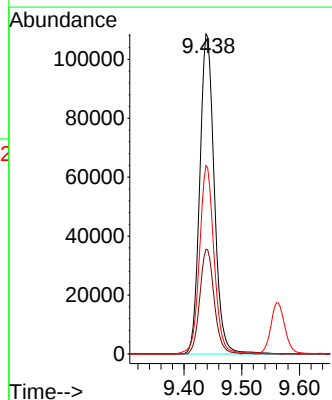
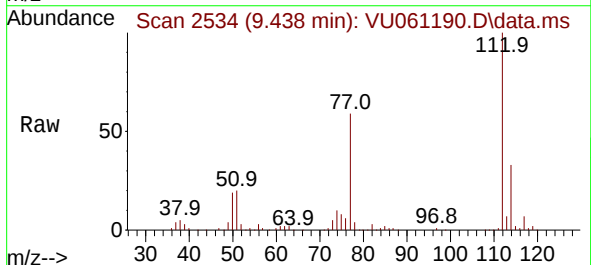
Instrument :
MSVOA_U
ClientSampleId :

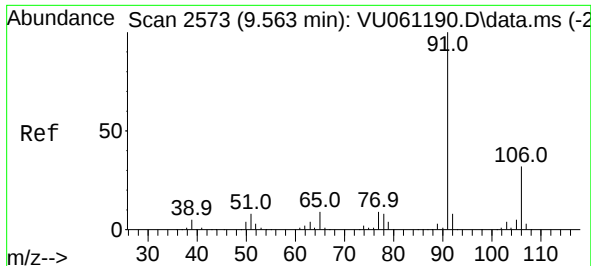
Tgt Ion:107 Resp: 49626
Ion Ratio Lower Upper
107 100
109 90.6 63.4 117.8
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 5.008 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion:112 Resp: 189354
Ion Ratio Lower Upper
112 100
114 32.7 22.9 42.5
77 58.9 47.1 70.7

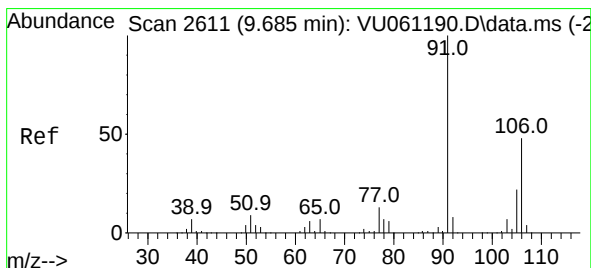
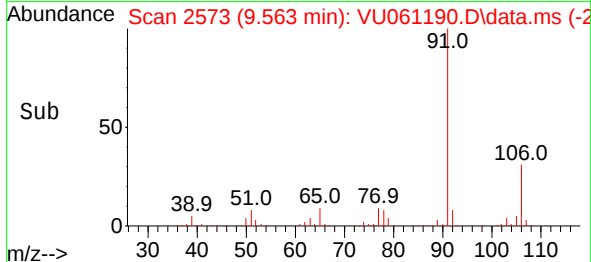
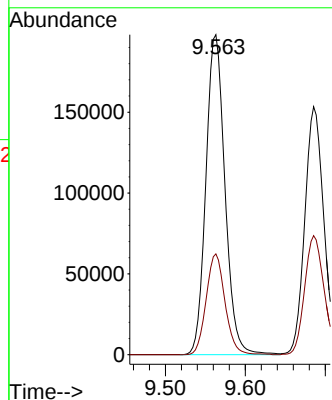
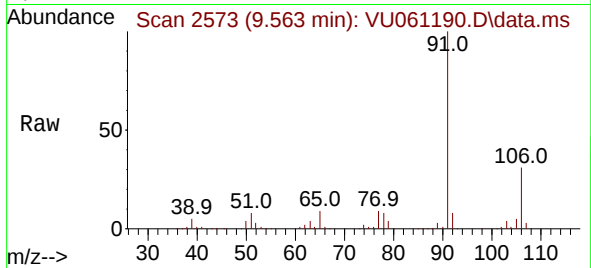




#52
Ethylbenzene
Concen: 4.992 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

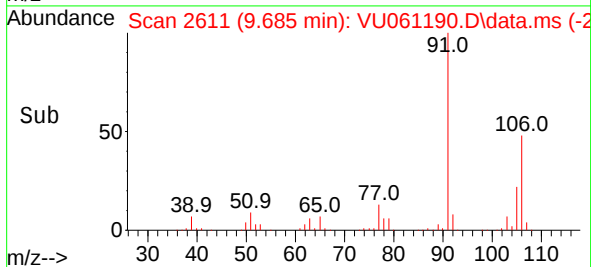
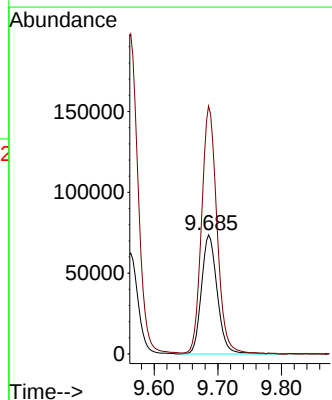
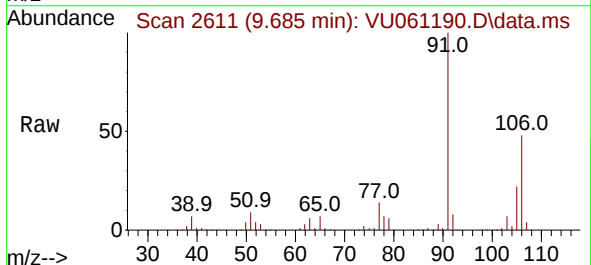
Instrument :
MSVOA_U
ClientSampleId :

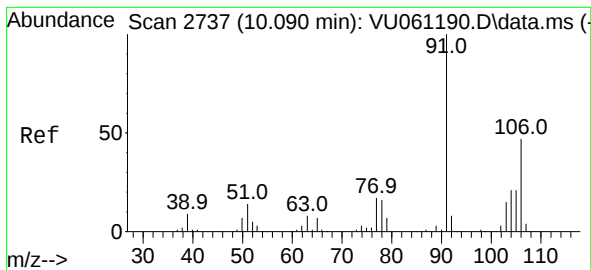
Tgt Ion: 91 Resp: 328417
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 5.061 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion: 106 Resp: 126857
Ion Ratio Lower Upper
106 100
91 208.2 145.7 270.7





#54

o-Xylene

Concen: 5.028 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

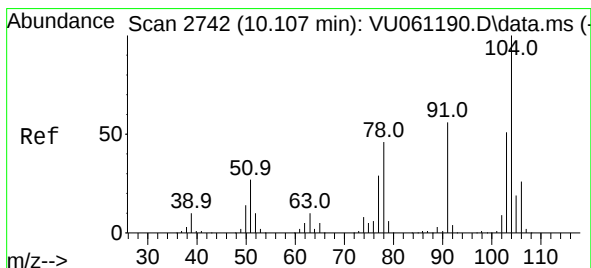
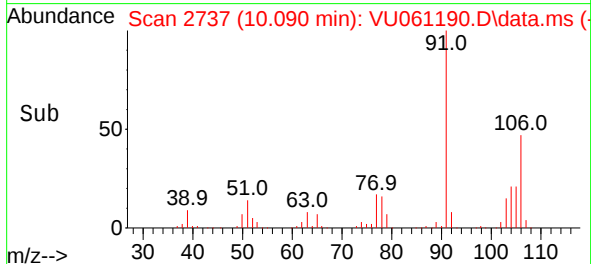
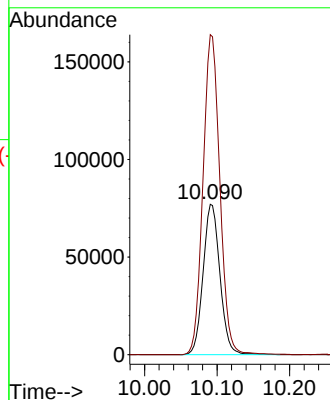
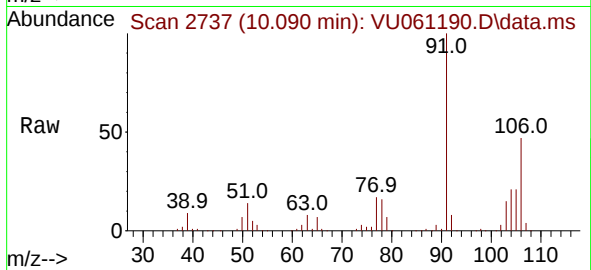
ClientSampleId :

Tgt Ion:106 Resp: 124377

Ion Ratio Lower Upper

106 100

91 212.6 148.8 276.4



#55

Styrene

Concen: 5.009 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU061190.D

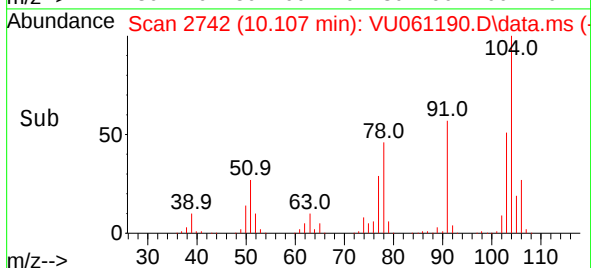
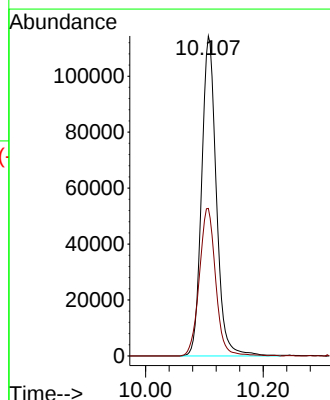
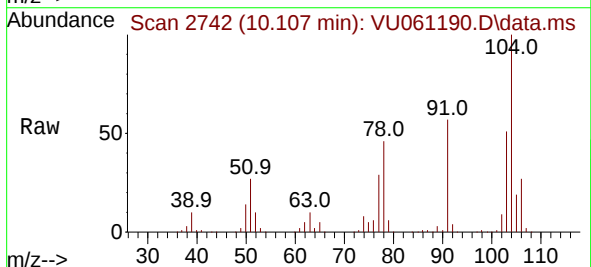
Acq: 23 Oct 2024 10:23

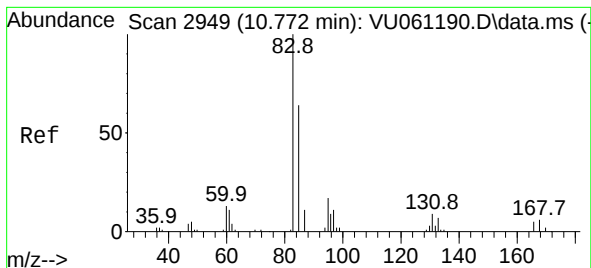
Tgt Ion:104 Resp: 198645

Ion Ratio Lower Upper

104 100

78 46.1 32.3 59.9

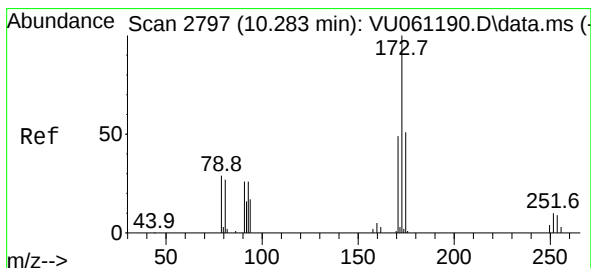
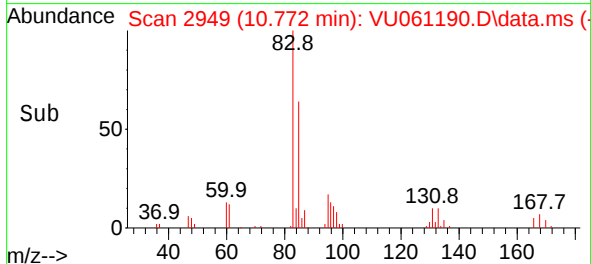
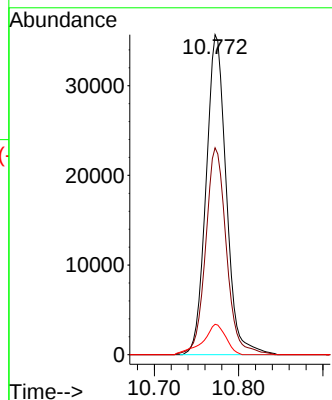
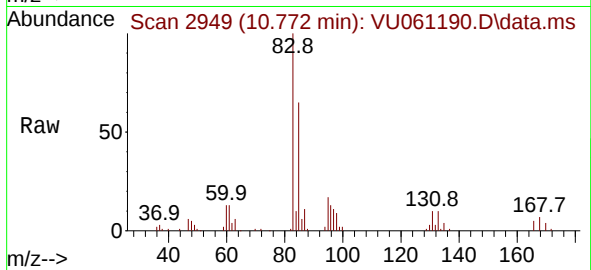




#57
1,1,2,2-Tetrachloroethane
Concen: 4.915 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

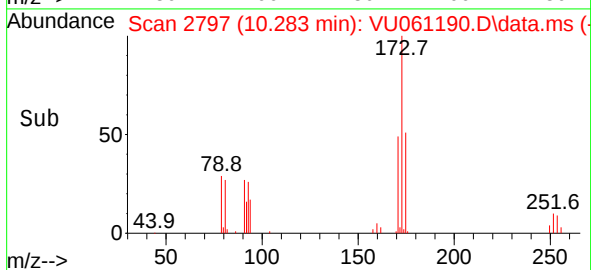
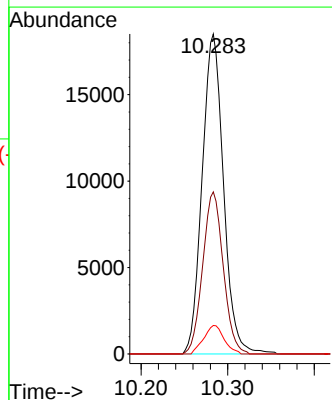
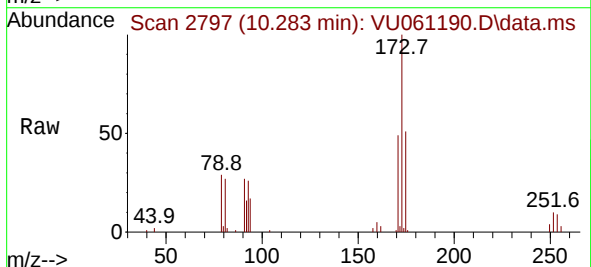
Instrument :
MSVOA_U
ClientSampleId :

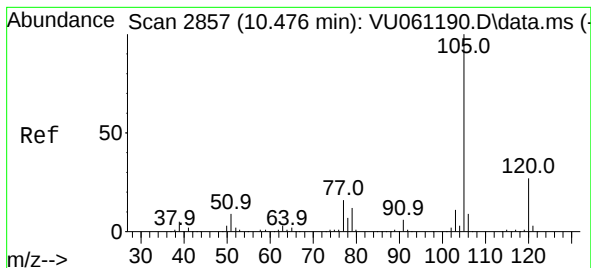
Tgt Ion: 83 Resp: 59510
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1
131 9.5 7.6 11.4



#59
Bromoform
Concen: 5.106 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion:173 Resp: 31707
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 8.5 6.8 10.2





#60

Isopropylbenzene

Concen: 5.030 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

ClientSampleId :

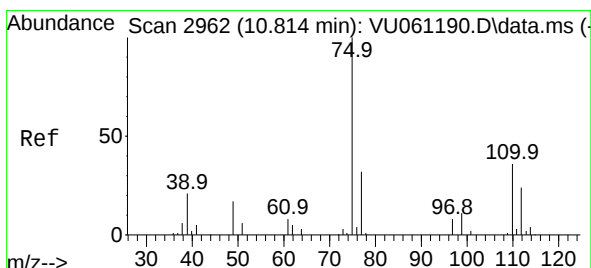
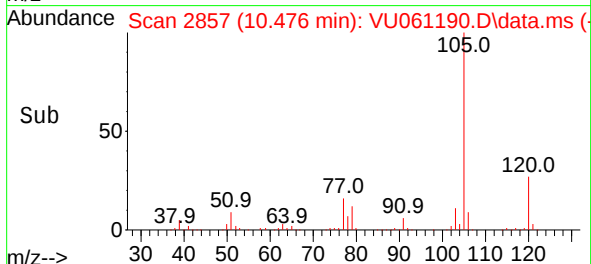
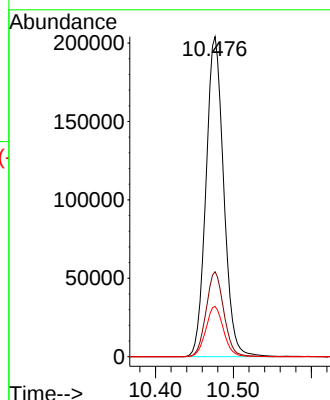
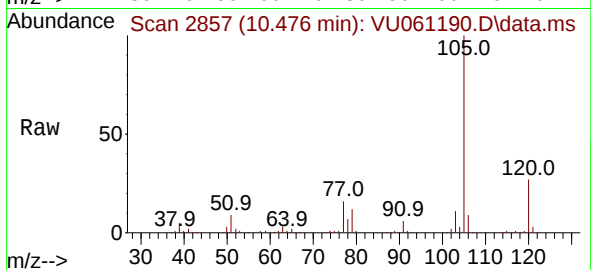
Tgt Ion:105 Resp: 322359

Ion Ratio Lower Upper

105 100

120 26.5 21.2 31.8

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.003 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

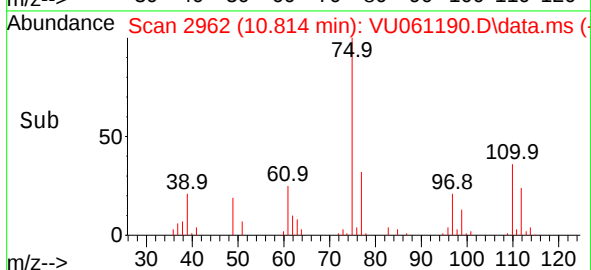
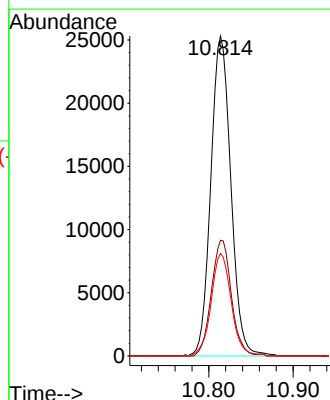
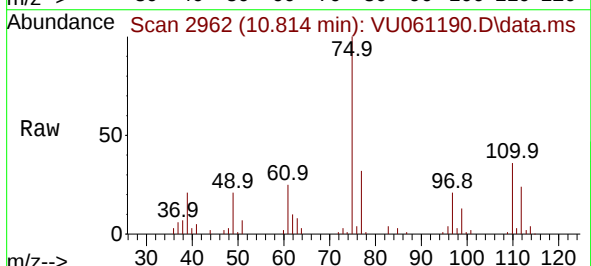
Tgt Ion: 75 Resp: 41808

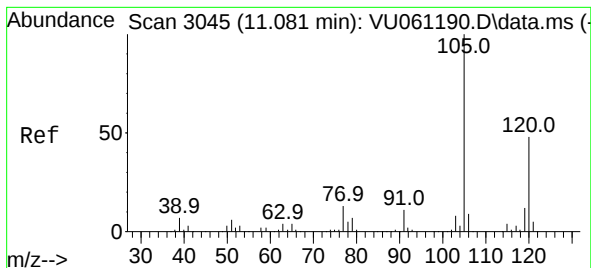
Ion Ratio Lower Upper

75 100

110 36.0 28.8 43.2

77 32.1 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 5.061 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

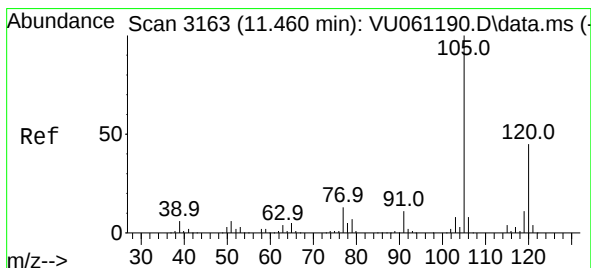
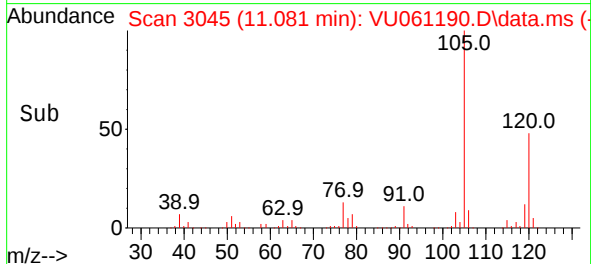
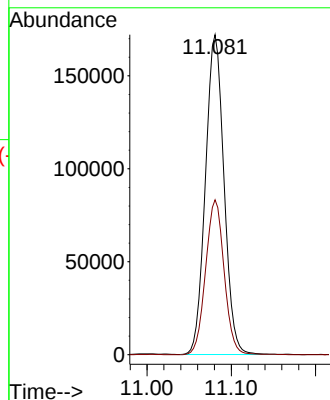
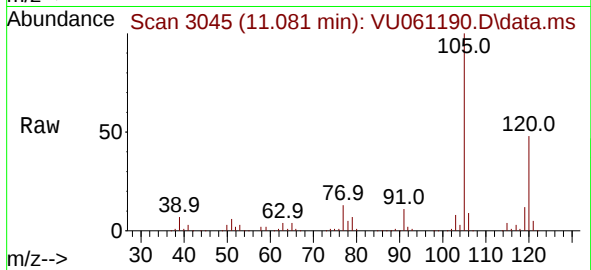
ClientSampleId :

Tgt Ion:105 Resp: 264056

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.082 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061190.D

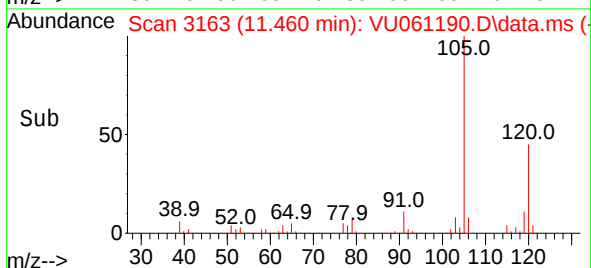
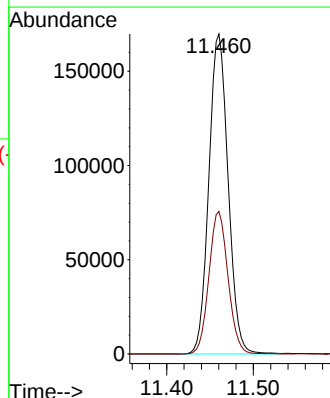
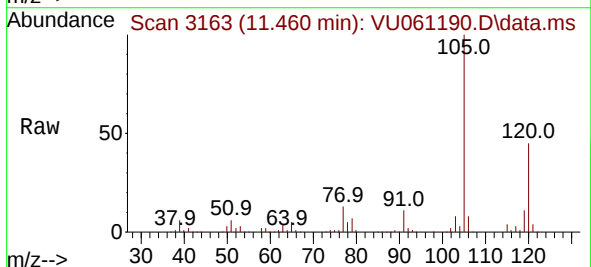
Acq: 23 Oct 2024 10:23

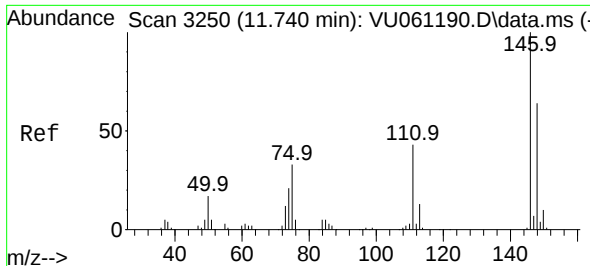
Tgt Ion:105 Resp: 262089

Ion Ratio Lower Upper

105 100

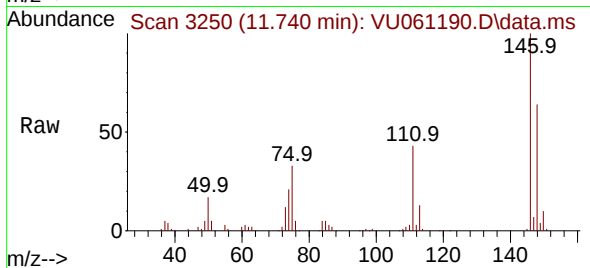
120 44.2 35.4 53.0



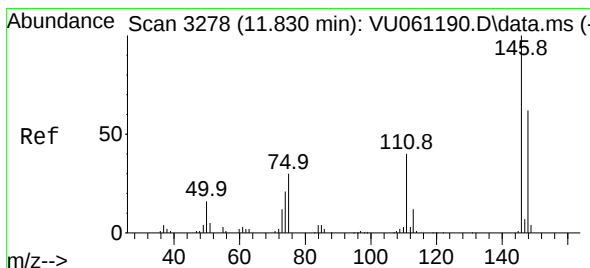
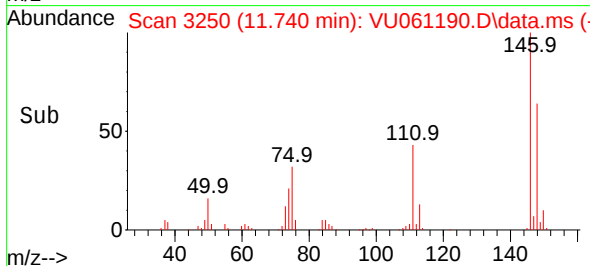
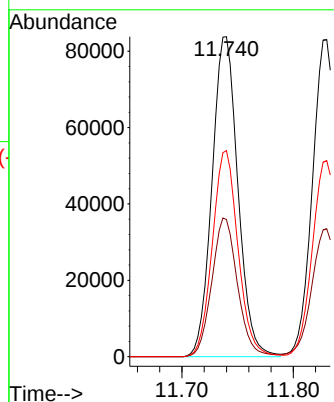


#64
1,3-Dichlorobenzene
Concen: 5.019 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Instrument :
MSVOA_U
ClientSampleId :

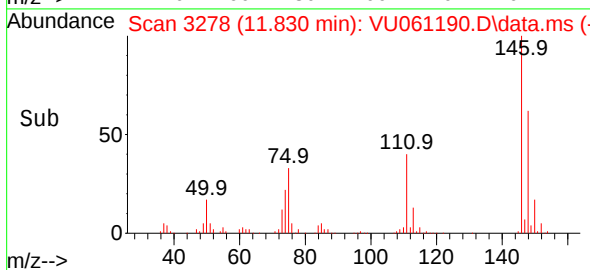
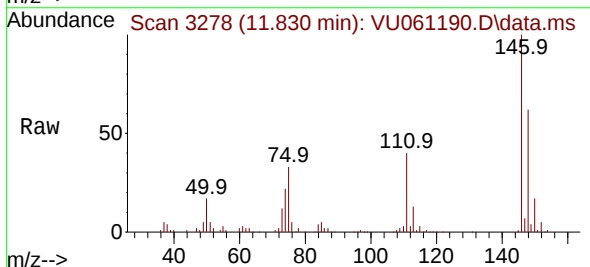
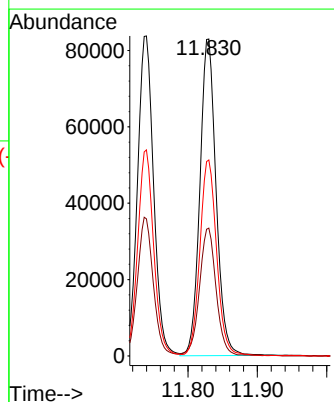


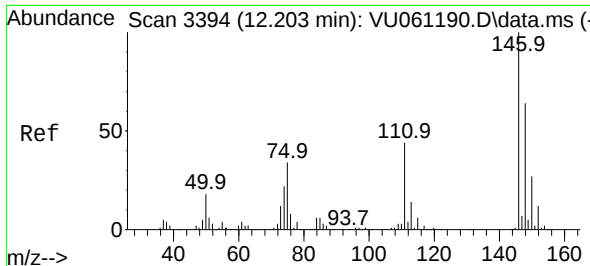
Tgt Ion:146 Resp: 135375
Ion Ratio Lower Upper
146 100
111 42.9 30.0 55.8
148 64.4 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.909 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

Tgt Ion:146 Resp: 135000
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 61.8 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 4.999 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

ClientSampleId :

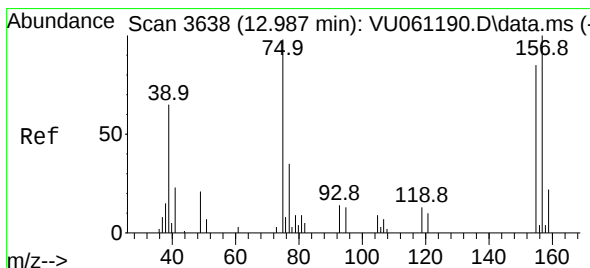
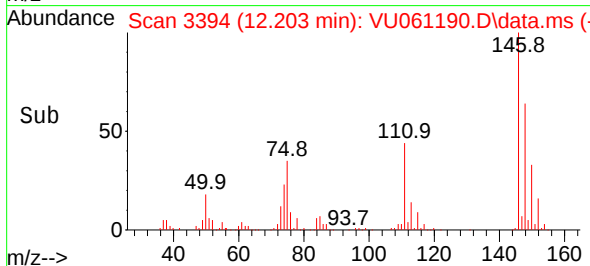
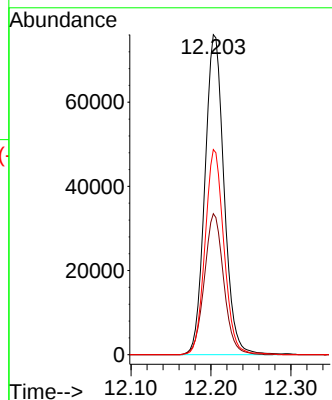
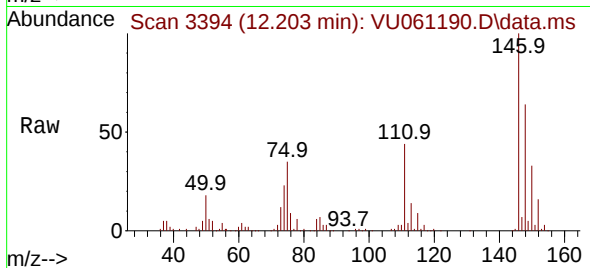
Tgt Ion:146 Resp: 126900

Ion Ratio Lower Upper

146 100

111 44.0 35.2 52.8

148 64.1 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.851 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

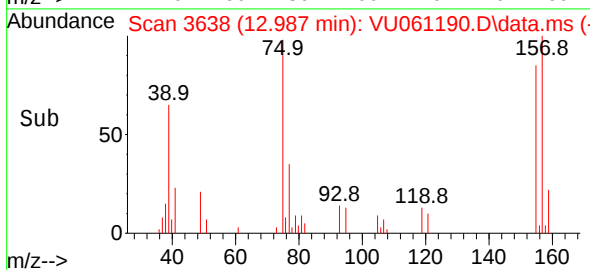
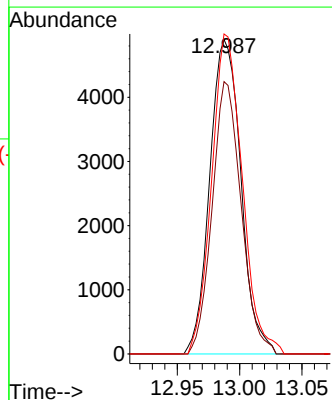
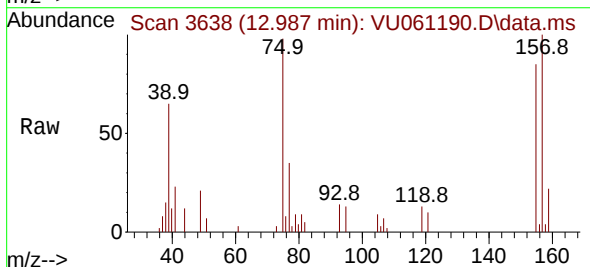
Tgt Ion: 75 Resp: 8513

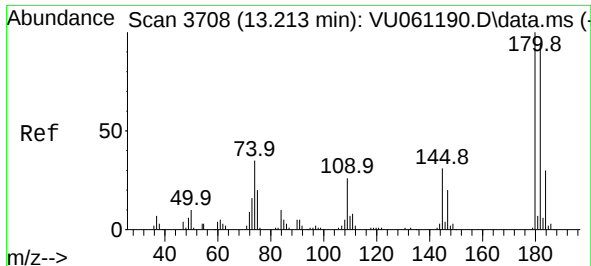
Ion Ratio Lower Upper

75 100

155 86.6 69.3 103.9

157 101.8 81.4 122.2





#69

1,3,5-Trichlorobenzene

Concen: 5.050 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

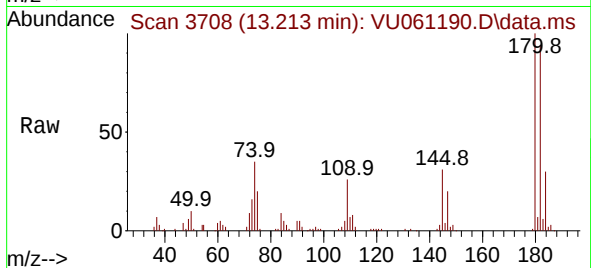
Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 93374

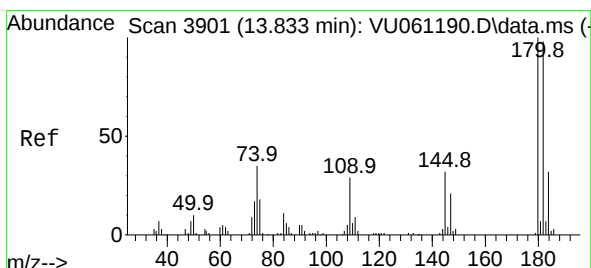
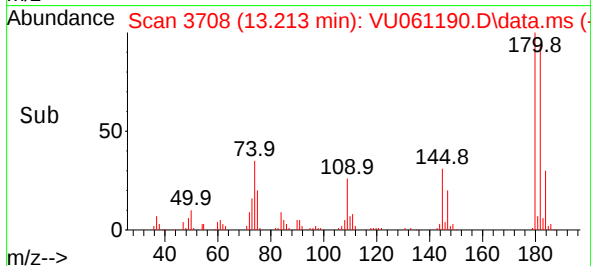
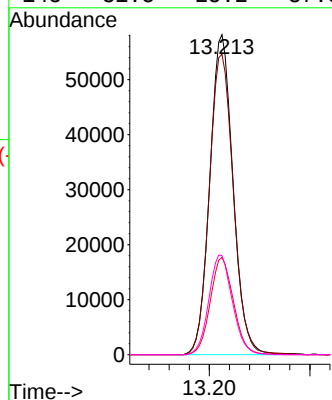
Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

184 30.5 24.4 36.6

145 31.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.973 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU061190.D

Acq: 23 Oct 2024 10:23

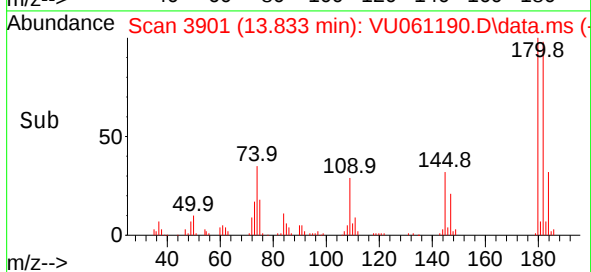
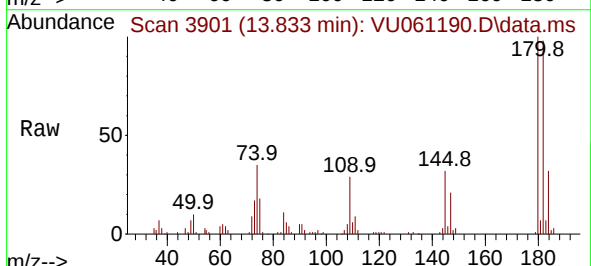
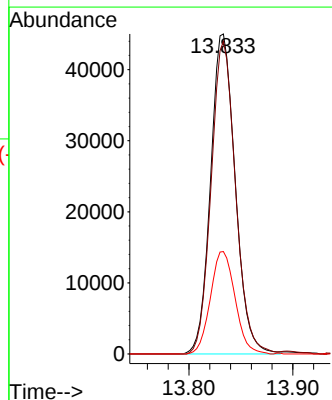
Tgt Ion:180 Resp: 74206

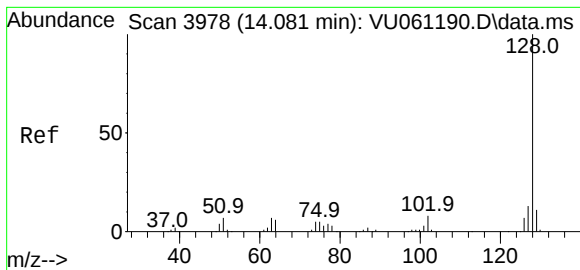
Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

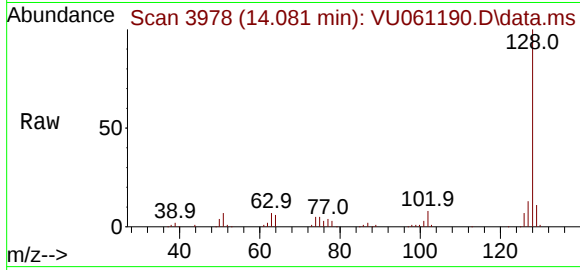
145 32.0 25.6 38.4



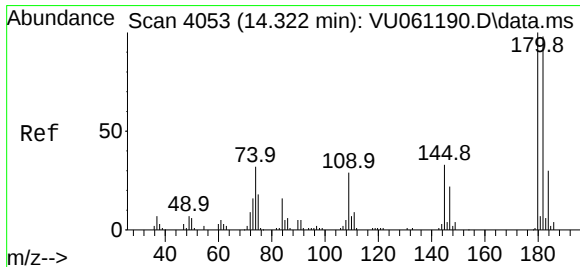
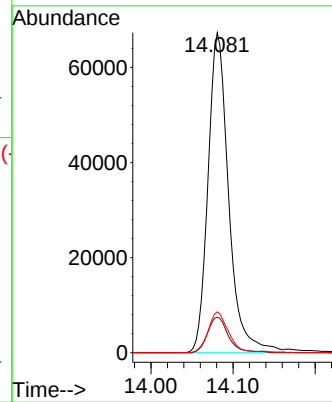
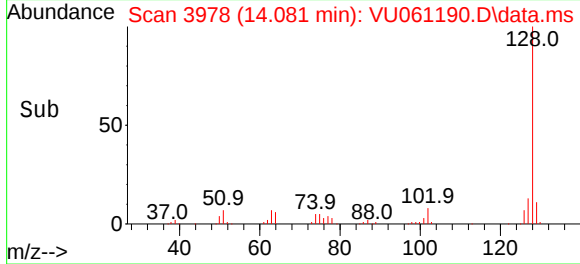


#71
Naphthalene
Concen: 5.064 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23

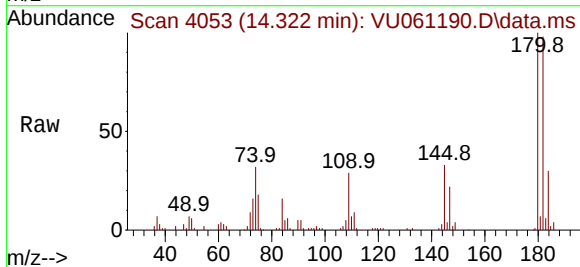
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 117713
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.5 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.139 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU061190.D
Acq: 23 Oct 2024 10:23



Tgt Ion:180 Resp: 64153
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 33.1 26.5 39.7

