

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
 Data File : VU061852.D
 Acq On : 19 Nov 2024 14:13
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 20 00:28:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 20 00:25:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	194332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	258549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	117302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	87367	7.455	ug/L	0.00
7) Chloroethane-d5	1.907	69	89654	8.651	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	36485	6.969	ug/L	0.00
20) 2-Butanone-d5	4.621	46	262018	99.466	ug/L	0.00
24) Chloroform-d	5.052	84	226179	9.284	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	107972	9.312	ug/L	0.00
32) Benzene-d6	5.717	84	401811	6.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	131900	6.454	ug/L	0.00
41) Toluene-d8	7.888	98	363202	5.816	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	51267	6.787	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	257532	87.810	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	145584	9.216	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	152074	7.435	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	146091	10.154	ug/L	99
3) Chloromethane	1.515	50	134877	10.382	ug/L	98
5) Vinyl chloride	1.599	62	154809	10.607	ug/L	100
6) Bromomethane	1.853	94	100192	11.347	ug/L	98
8) Chloroethane	1.930	64	114620	11.109	ug/L	95
9) Trichlorofluoromethane	2.132	101	212532	9.978	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	125081	9.934	ug/L	99
12) 1,1-Dichloroethene	2.573	96	120568	10.257	ug/L	96
13) Acetone	2.640	43	161409	97.048	ug/L	99
14) Carbon disulfide	2.785	76	368989	9.828	ug/L	100
15) Methyl Acetate	2.949	43	42267	9.943	ug/L	99
16) Methylene chloride	3.036	84	135904	10.020	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	304543	10.675	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	135169	10.549	ug/L	98
19) 1,1-Dichloroethane	3.856	63	246009	10.484	ug/L	99
21) 2-Butanone	4.698	43	288689	105.034	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	155148	10.636	ug/L	99
23) Bromochloromethane	4.962	128	69627	10.684	ug/L	97
25) Chloroform	5.074	83	264890	10.668	ug/L	100
27) 1,2-Dichloroethane	5.782	62	159400	10.277	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	221273	7.836	ug/L	100
30) Cyclohexane	5.377	56	216966	7.735	ug/L	100
31) Carbon tetrachloride	5.515	117	192292	7.995	ug/L	99
33) Benzene	5.762	78	594785	7.930	ug/L	100
34) Trichloroethene	6.531	95	156607	7.372	ug/L	97
35) Methylcyclohexane	6.753	83	242890	7.565	ug/L	97
37) 1,2-Dichloropropane	6.779	63	150067	7.502	ug/L	100
38) Bromodichloromethane	7.094	83	182382	7.703	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	222708	7.936	ug/L	99
40) 4-Methyl-2-pentanone	7.778	43	728203	76.973	ug/L	100
42) Toluene	7.959	91	653739	7.600	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	177062	7.955	ug/L	98

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

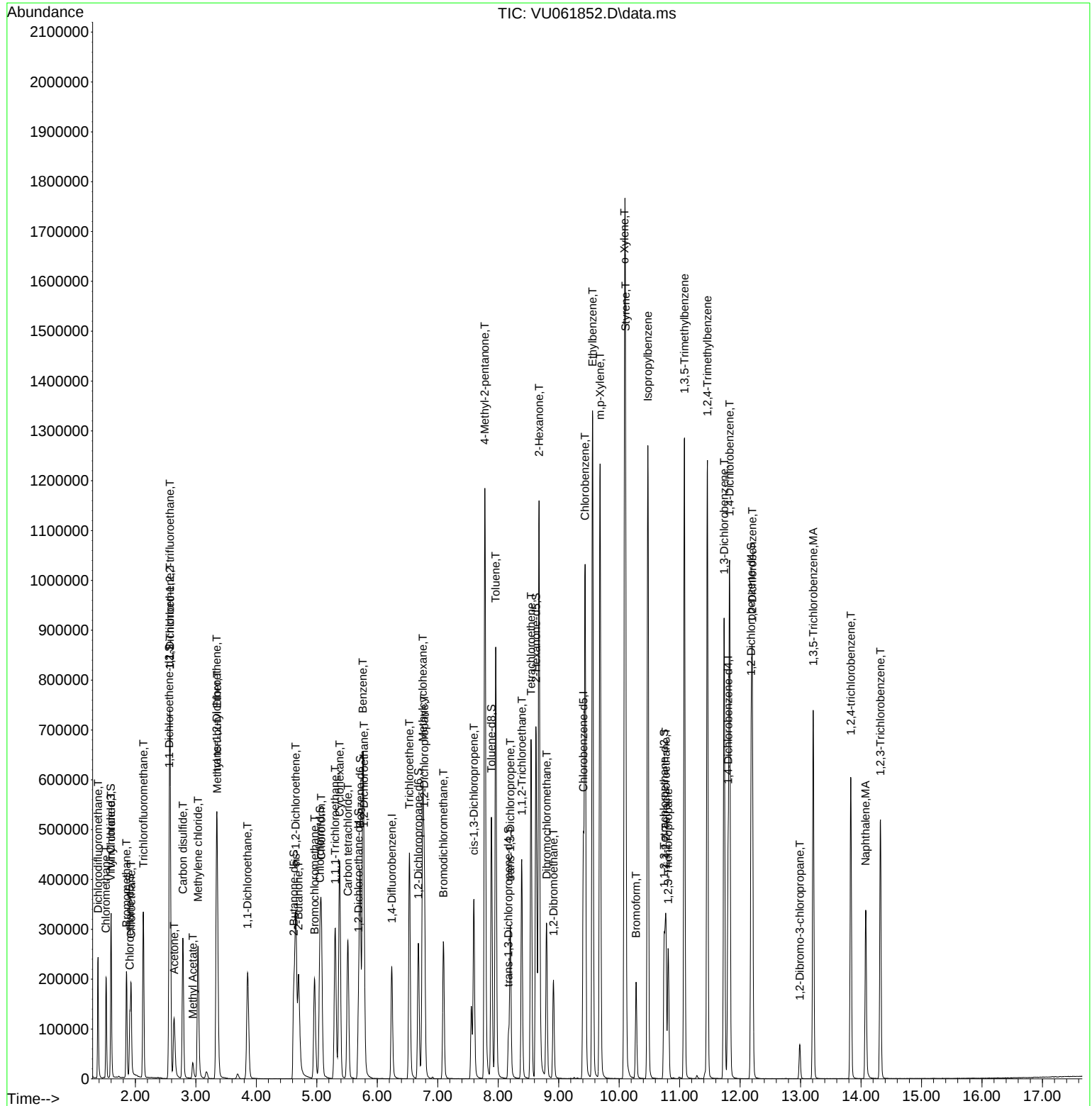
45) 1,1,2-Trichloroethane	8.389	97	135860	9.145	ug/L	99
47) Tetrachloroethene	8.544	164	153346	9.549	ug/L	98
48) 2-Hexanone	8.676	43	686992	101.615	ug/L	100
49) Dibromochloromethane	8.801	129	162593	10.735	ug/L	100
50) 1,2-Dibromoethane	8.913	107	133367	9.638	ug/L	100
51) Chlorobenzene	9.438	112	574822	10.567	ug/L	98
52) Ethylbenzene	9.560	91	981748	10.927	ug/L	100
53) m,p-Xylene	9.685	106	365955	10.662	ug/L	99
54) o-Xylene	10.090	106	333683	10.402	ug/L	99
55) Styrene	10.106	104	554095	10.891	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	164438	9.780	ug/L	96
59) Bromoform	10.280	173	84178	10.858	ug/L	97
60) Isopropylbenzene	10.476	105	859358	10.529	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	110877	10.023	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	684733	10.503	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	702538	11.063	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	389902	10.379	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	404069	10.604	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	297244	8.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	17176	8.874	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	228807	8.704	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	186855	9.145	ug/L	99
71) Naphthalene	14.077	128	289181	9.833	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	161192	9.409	ug/L	99

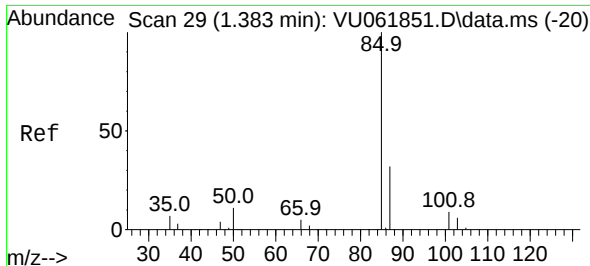
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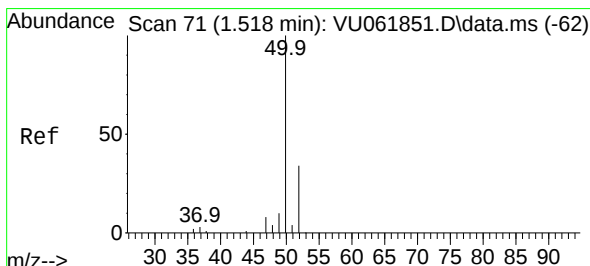
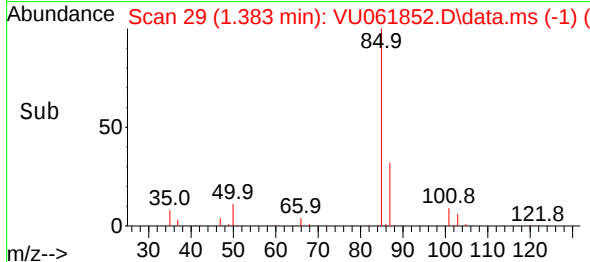
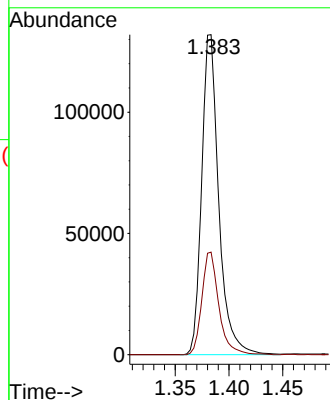
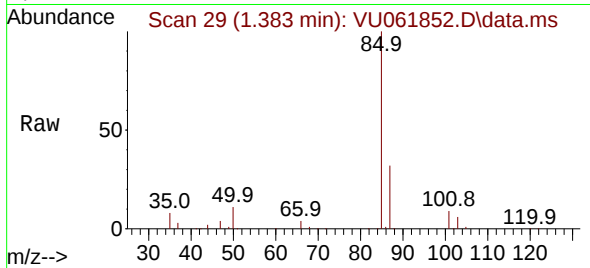




#2
 Dichlorodifluoromethane
 Concen: 10.154 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

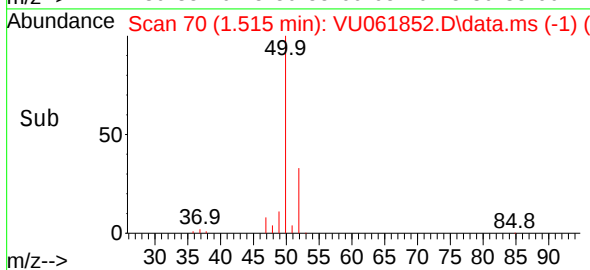
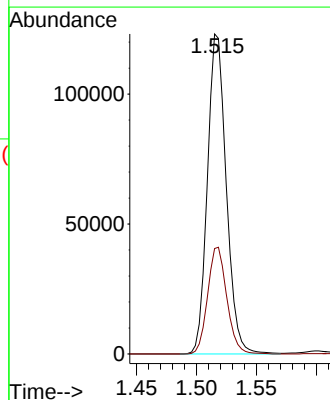
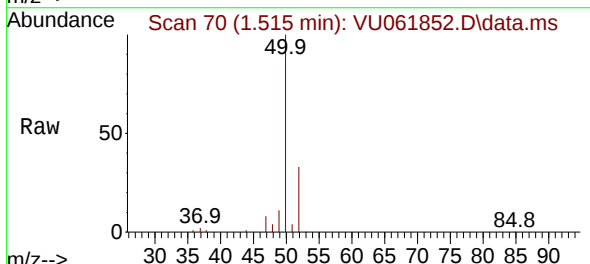
Instrument :
 MSVOA_U
 ClientSampleId :

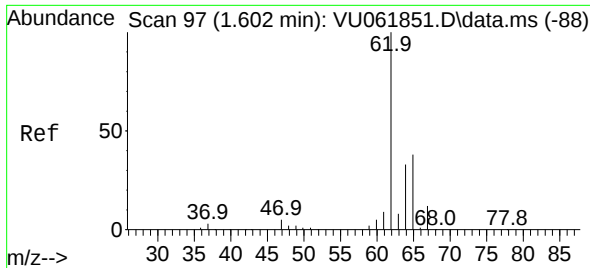
Tgt Ion: 85 Resp: 146091
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 10.382 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

Tgt Ion: 50 Resp: 134877
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

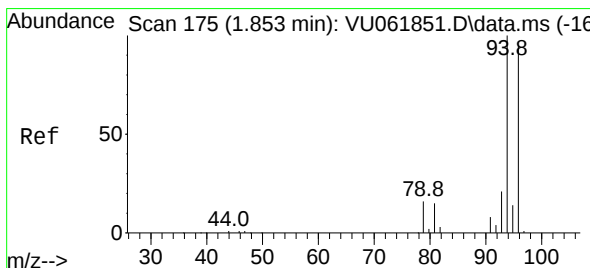
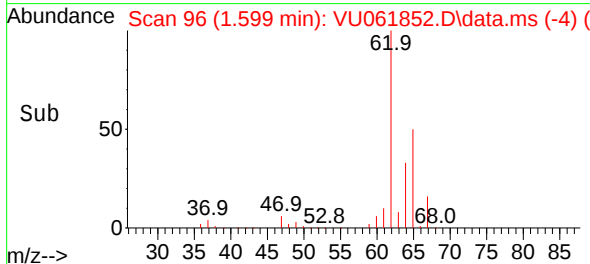
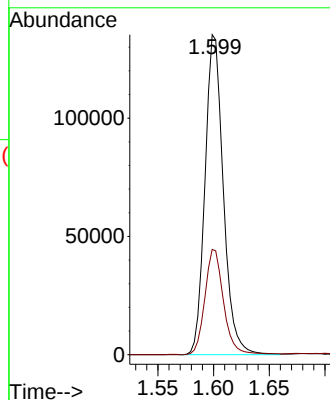
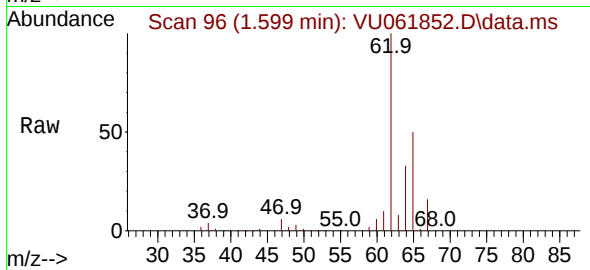




#5
 Vinyl chloride
 Concen: 10.607 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

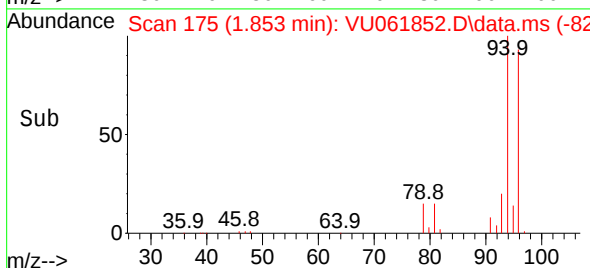
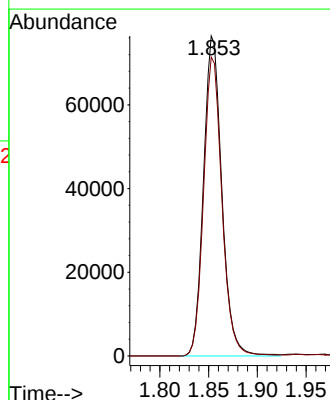
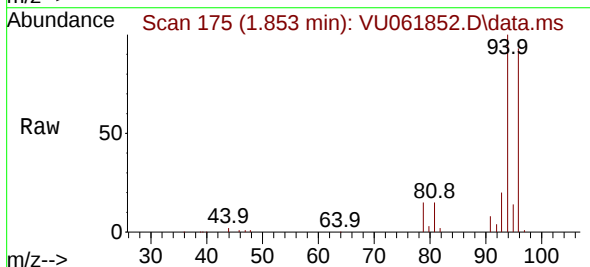
Instrument :
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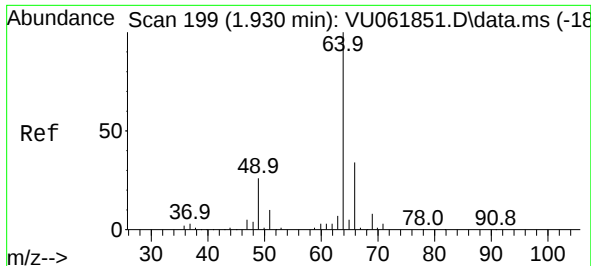
Tgt Ion: 62 Resp: 154809
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 11.347 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

Tgt Ion: 94 Resp: 100192
 Ion Ratio Lower Upper
 94 100
 96 93.4 66.5 123.5

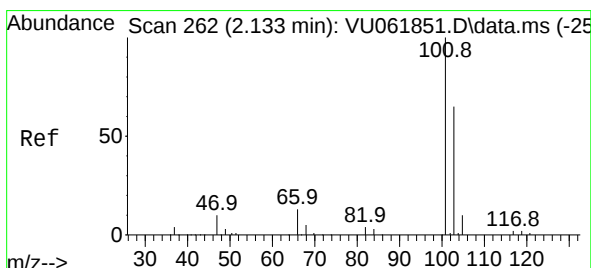
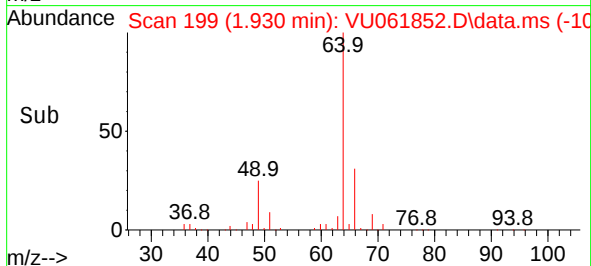
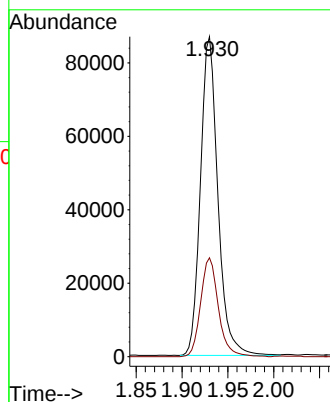
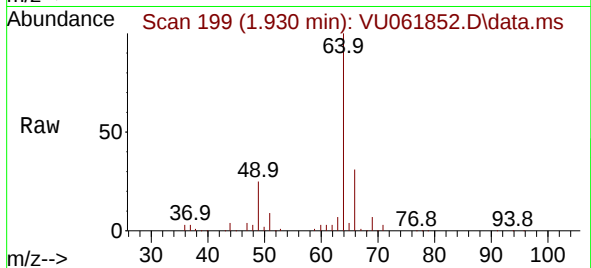




#8
Chloroethane
Concen: 11.109 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

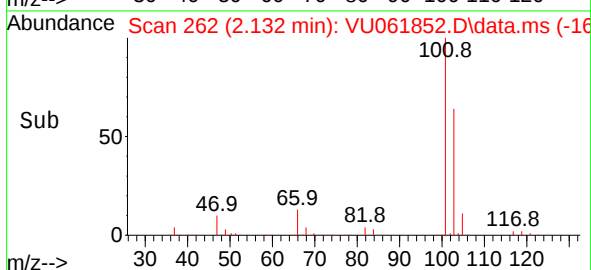
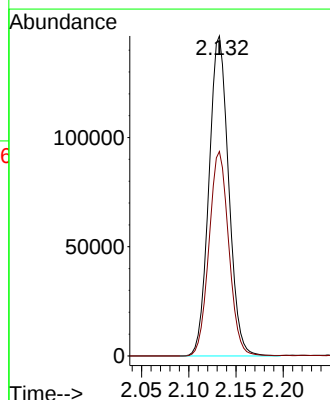
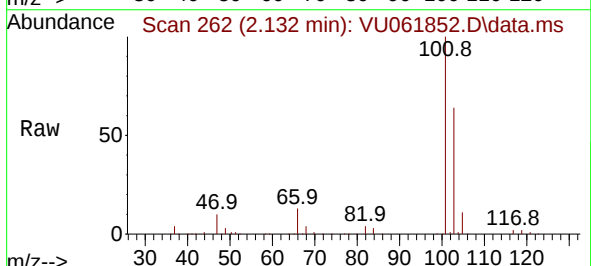
Instrument :
MSVOA_U
ClientSampleId :

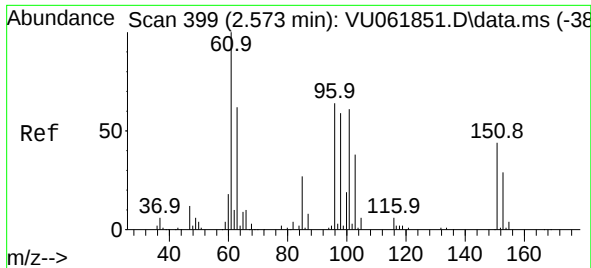
Tgt Ion: 64 Resp: 114620
Ion Ratio Lower Upper
64 100
66 30.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 9.978 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion:101 Resp: 212532
Ion Ratio Lower Upper
101 100
103 64.0 52.5 78.7

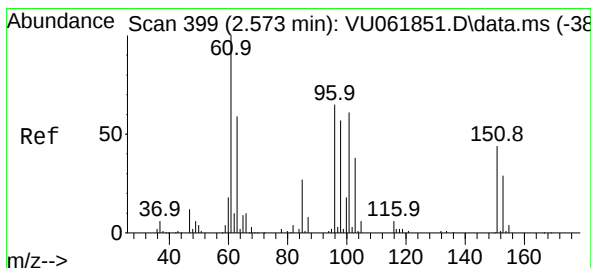
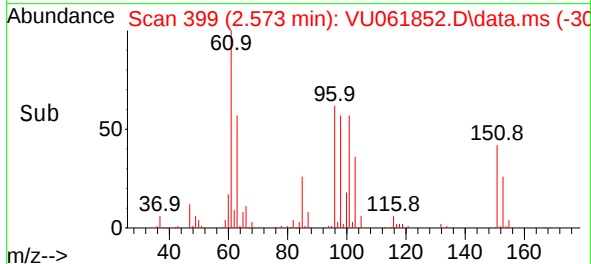
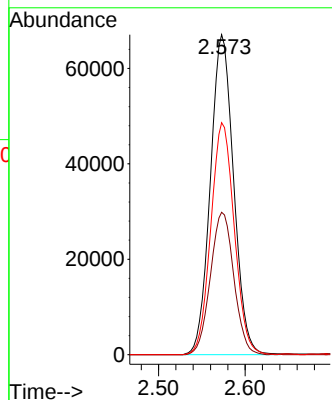
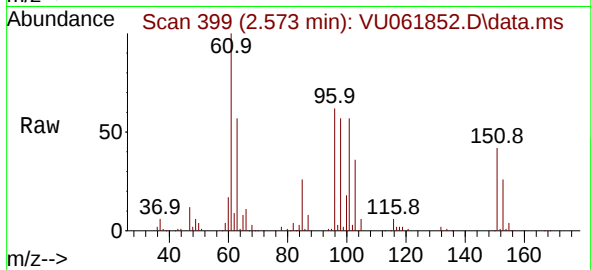




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.934 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

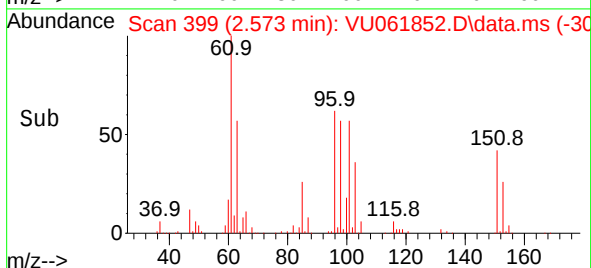
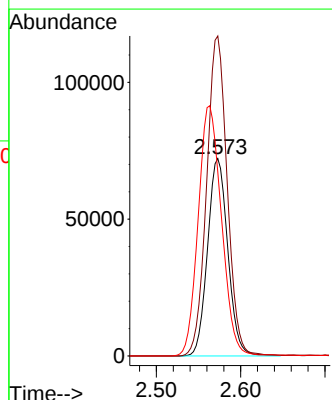
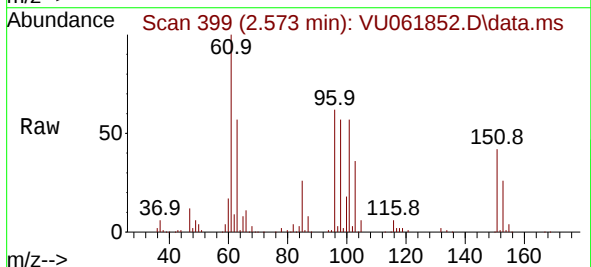
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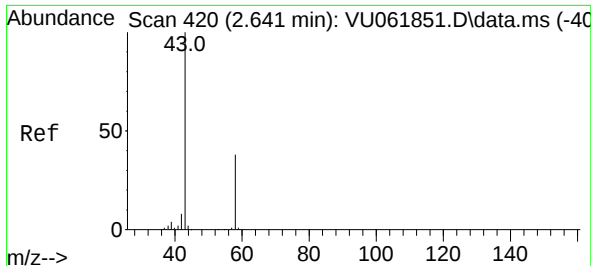
Tgt Ion:101 Resp: 125081
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.8 53.8
 151 73.2 57.9 86.9



#12
 1,1-Dichloroethene
 Concen: 10.257 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

Tgt Ion: 96 Resp: 120568
 Ion Ratio Lower Upper
 96 100
 61 162.0 108.8 202.0
 63 93.1 67.2 124.8





#13

Acetone

Concen: 97.048 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

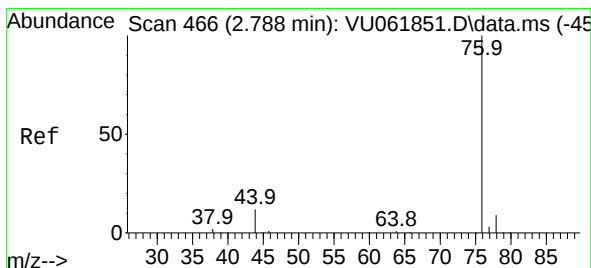
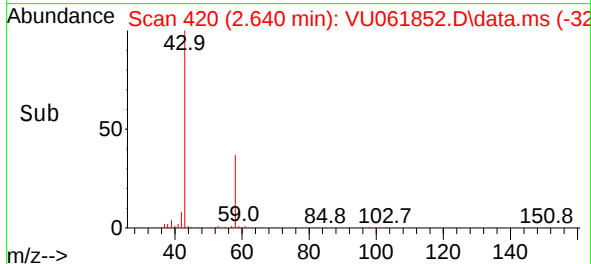
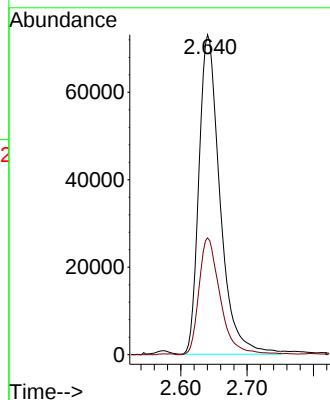
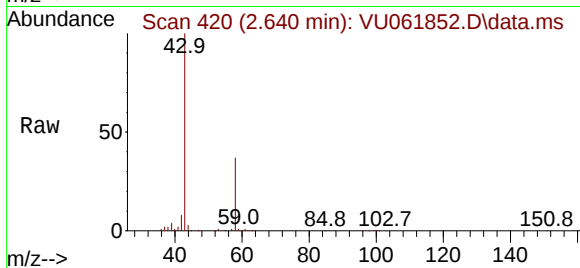
ClientSampleId :

Tgt Ion: 43 Resp: 161409

Ion Ratio Lower Upper

43 100

58 37.0 0.0 75.8



#14

Carbon disulfide

Concen: 9.828 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU061852.D

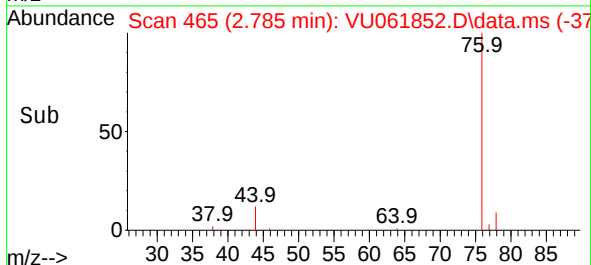
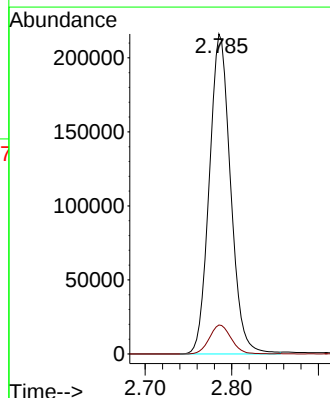
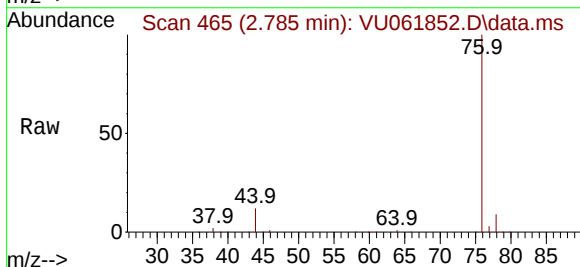
Acq: 19 Nov 2024 14:13

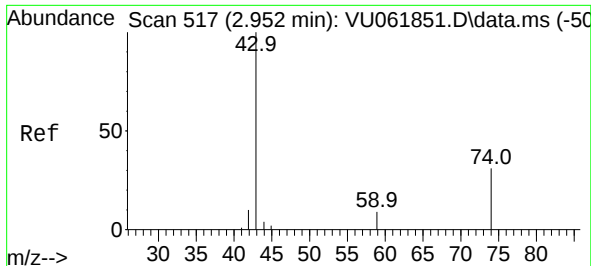
Tgt Ion: 76 Resp: 368989

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

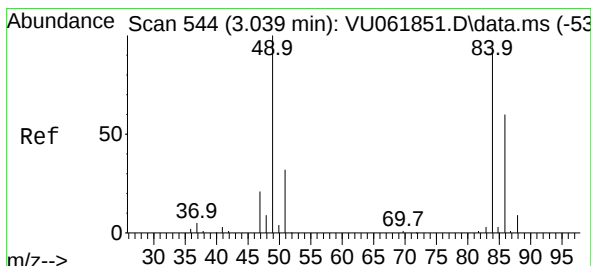
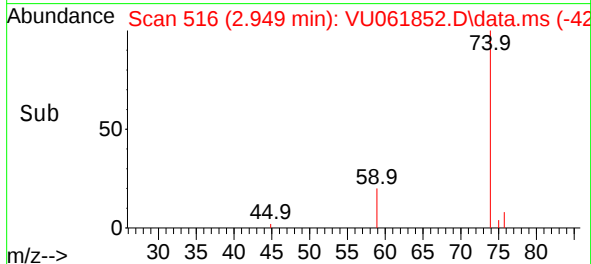
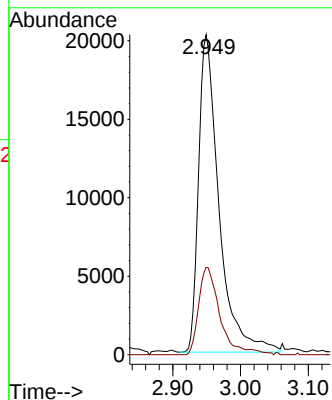
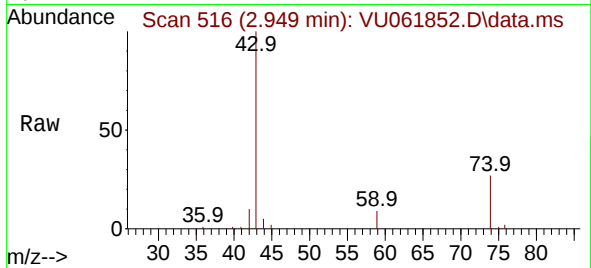




#15
Methyl Acetate
Concen: 9.943 ug/L
RT: 2.949 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

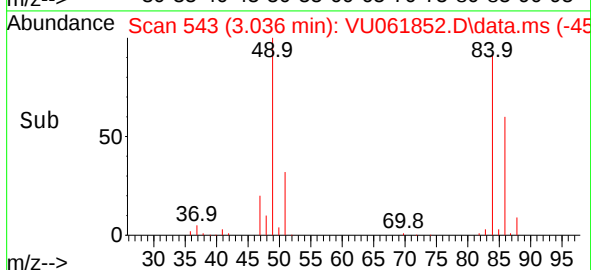
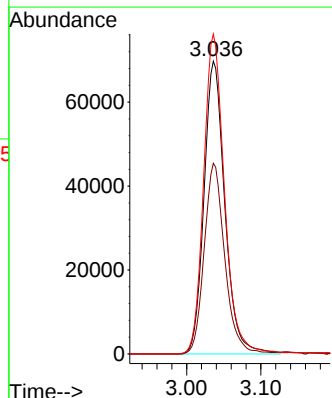
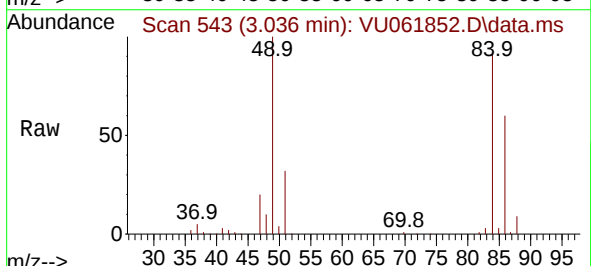
Instrument :
MSVOA_U
ClientSampleId :

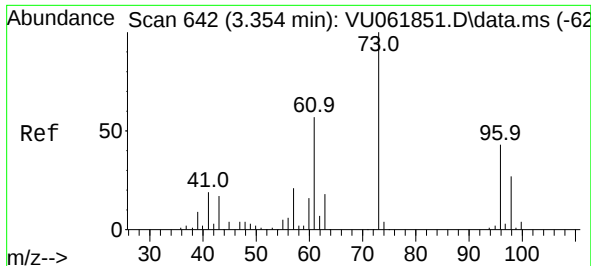
Tgt Ion: 43 Resp: 42267
Ion Ratio Lower Upper
43 100
74 27.6 21.5 32.3



#16
Methylene chloride
Concen: 10.020 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 84 Resp: 135904
Ion Ratio Lower Upper
84 100
86 65.1 45.0 83.6
49 109.3 74.5 138.5

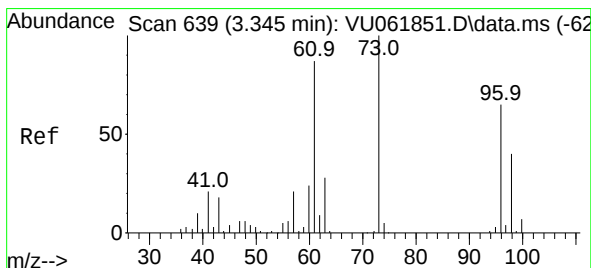
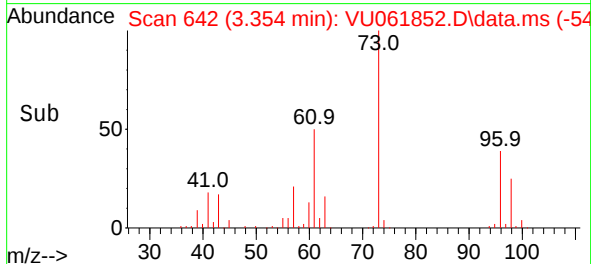
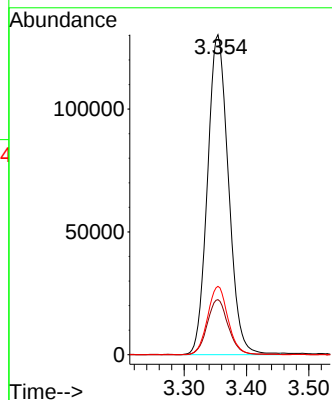
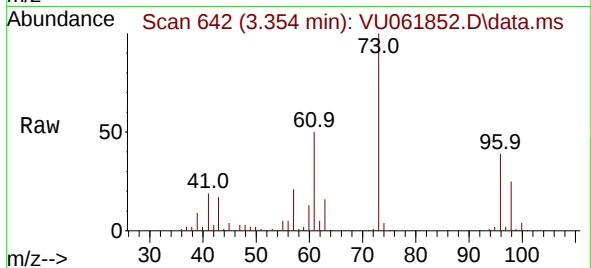




#17
Methyl tert-butyl Ether
Concen: 10.675 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

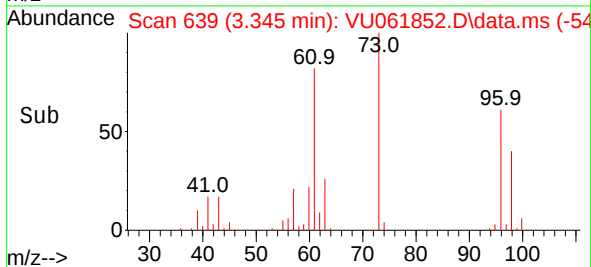
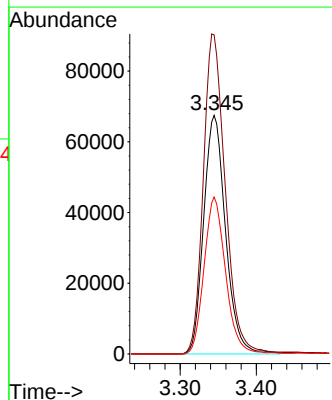
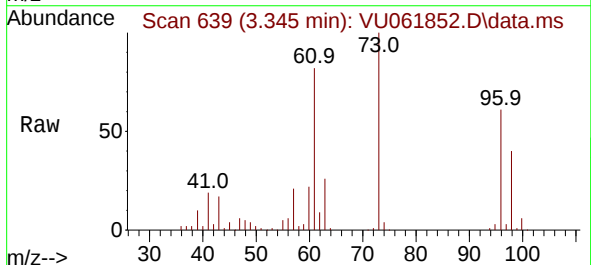
Instrument :
MSVOA_U
ClientSampleId :

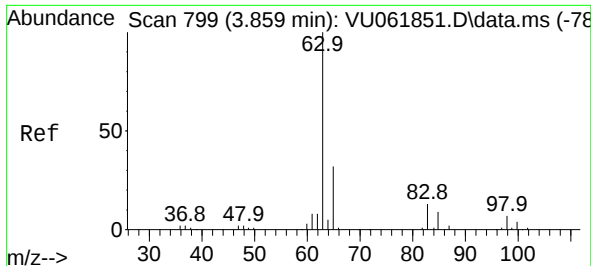
Tgt Ion: 73 Resp: 304543
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4
57 20.8 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 10.549 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

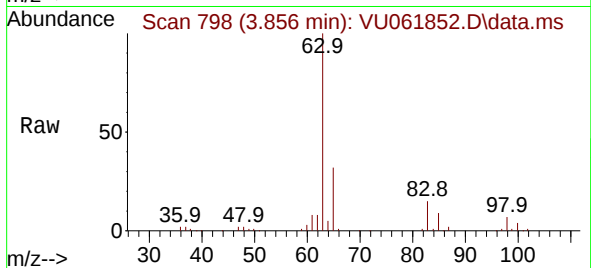
Tgt Ion: 96 Resp: 135169
Ion Ratio Lower Upper
96 100
61 133.7 94.1 174.8
98 65.8 42.8 79.4



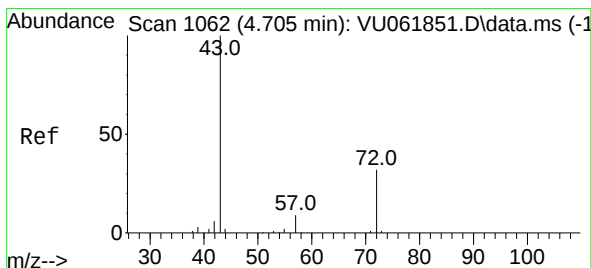
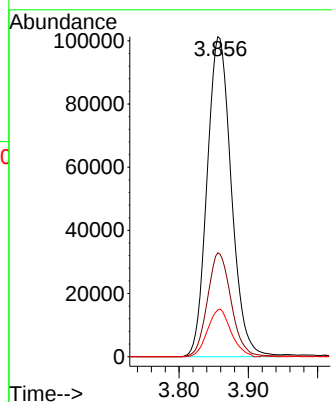
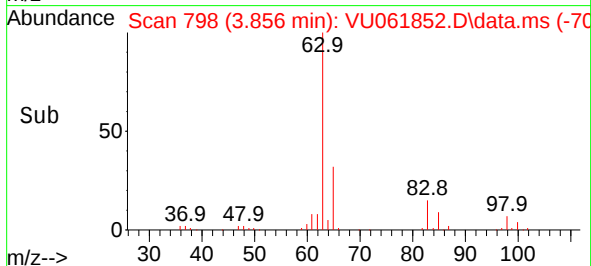


#19
1,1-Dichloroethane
Concen: 10.484 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :

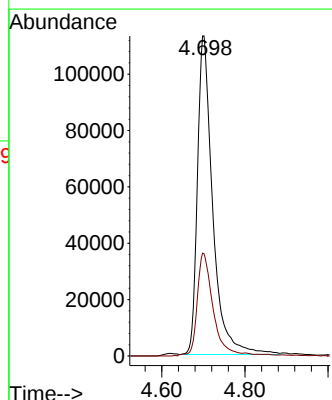
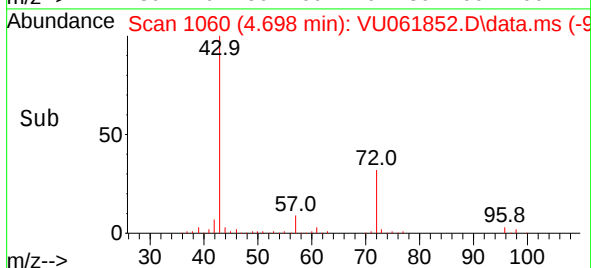
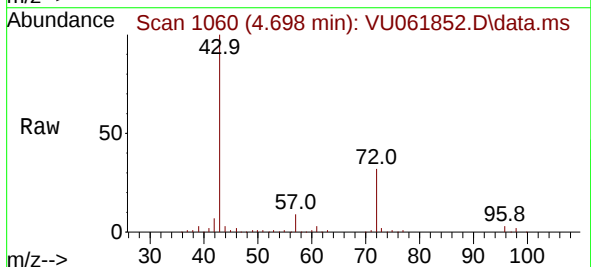


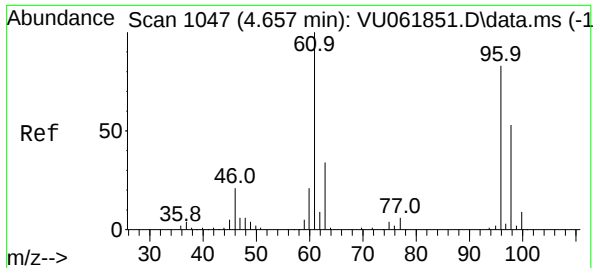
Tgt Ion: 63 Resp: 246009
Ion Ratio Lower Upper
63 100
65 32.5 22.6 42.0
83 14.6 9.4 17.4



#21
2-Butanone
Concen: 105.034 ug/L
RT: 4.698 min Scan# 1060
Delta R.T. -0.007 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 43 Resp: 288689
Ion Ratio Lower Upper
43 100
72 33.0 16.1 48.3

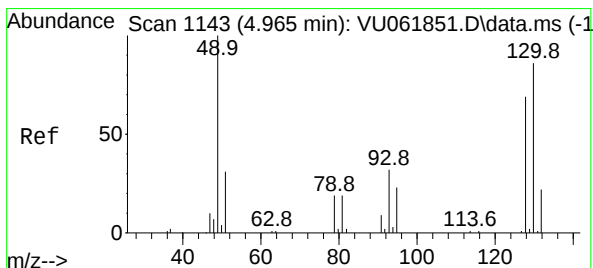
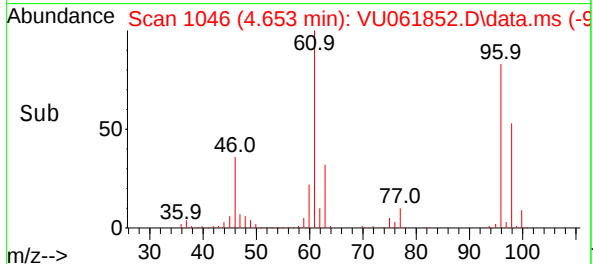
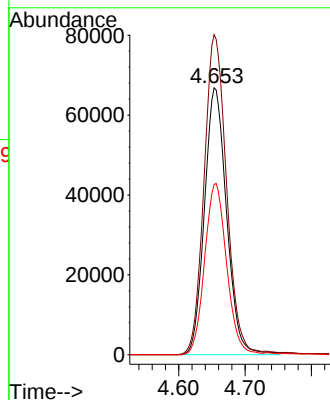
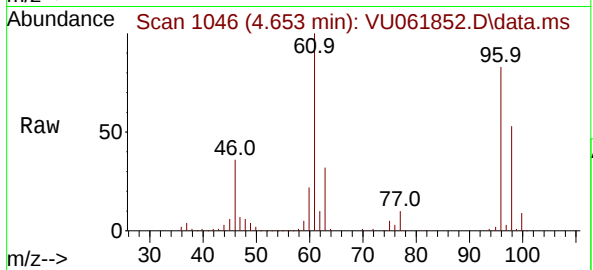




#22
 cis-1,2-Dichloroethene
 Concen: 10.636 ug/L
 RT: 4.653 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

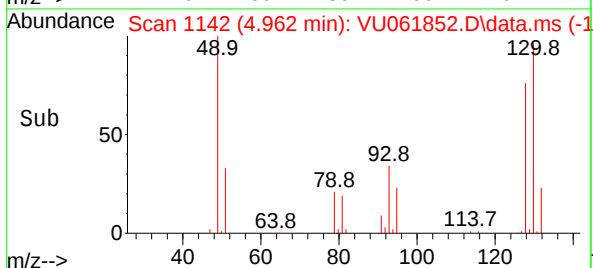
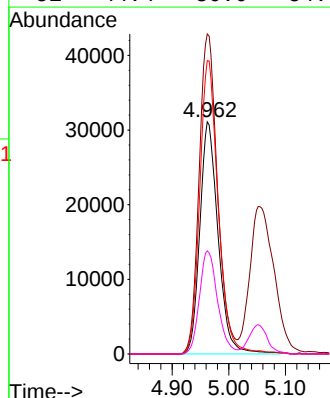
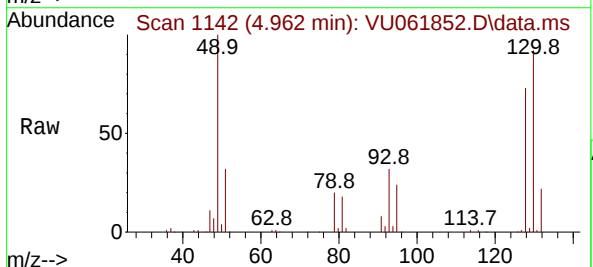
Instrument :
 MSVOA_U
 ClientSampleId :

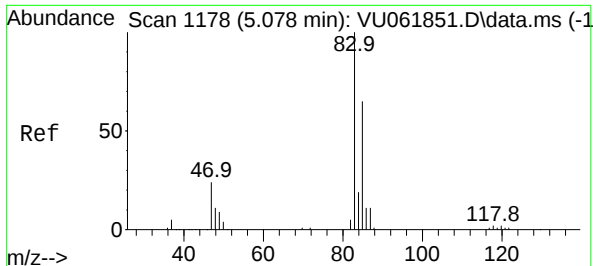
Tgt Ion: 96 Resp: 155148
 Ion Ratio Lower Upper
 96 100
 61 119.9 84.5 156.9
 98 63.8 44.6 82.8



#23
 Bromochloromethane
 Concen: 10.684 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. -0.003 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

Tgt Ion:128 Resp: 69627
 Ion Ratio Lower Upper
 128 100
 49 137.9 100.9 187.5
 130 126.4 87.0 161.6
 51 44.4 36.0 54.0





#25

Chloroform

Concen: 10.668 ug/L

RT: 5.074 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

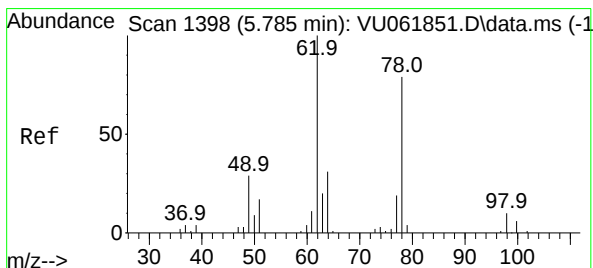
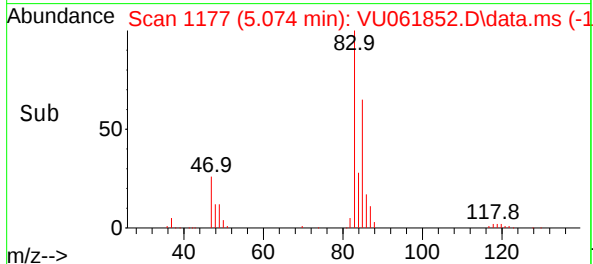
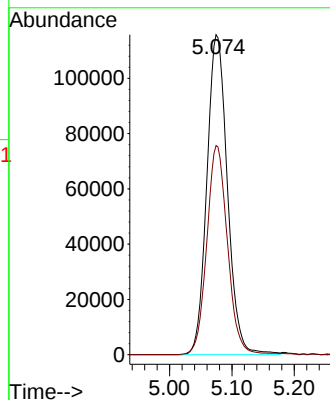
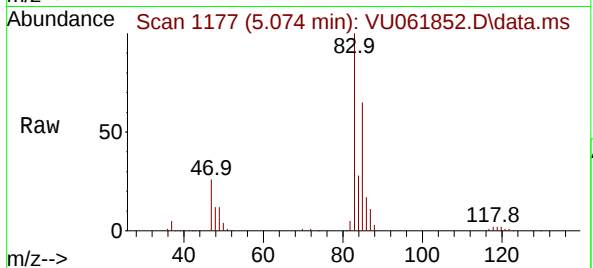
ClientSampleId :

Tgt Ion: 83 Resp: 264890

Ion Ratio Lower Upper

83 100

85 65.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 10.277 ug/L

RT: 5.782 min Scan# 1397

Delta R.T. -0.003 min

Lab File: VU061852.D

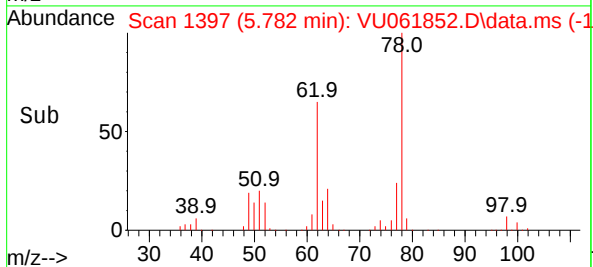
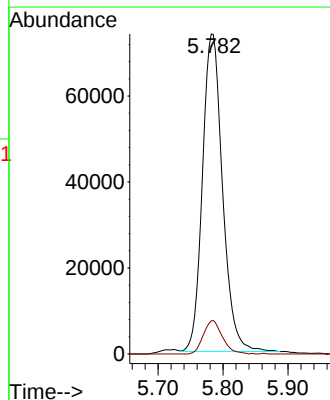
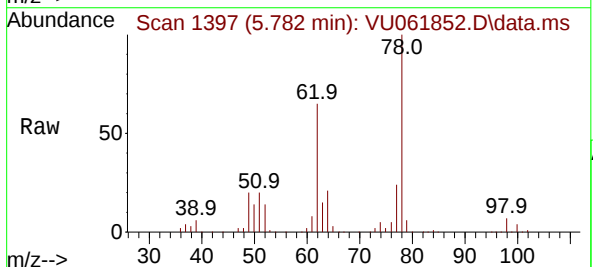
Acq: 19 Nov 2024 14:13

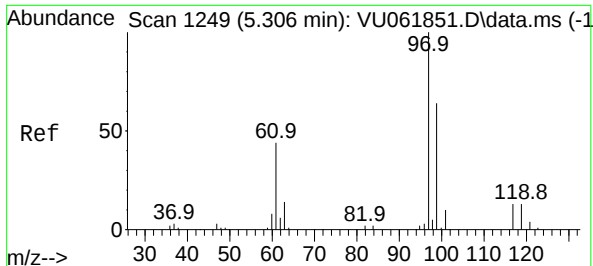
Tgt Ion: 62 Resp: 159400

Ion Ratio Lower Upper

62 100

98 10.3 8.1 12.1

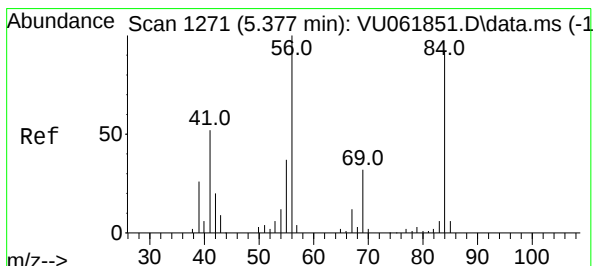
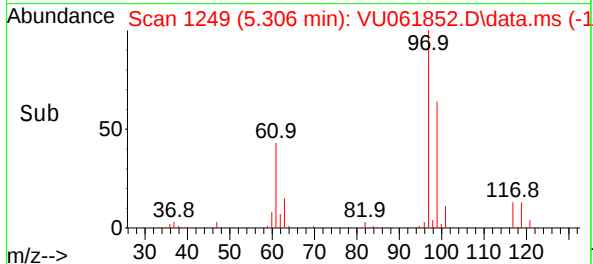
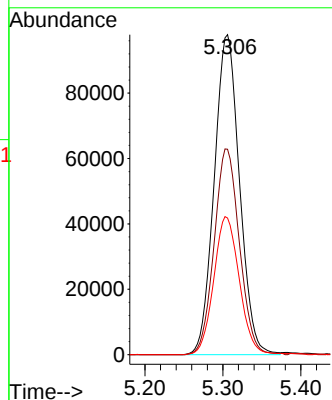
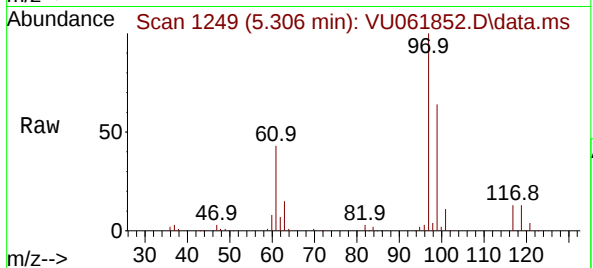




#29
1,1,1-Trichloroethane
Concen: 7.836 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

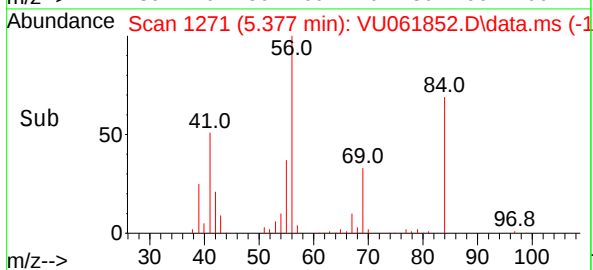
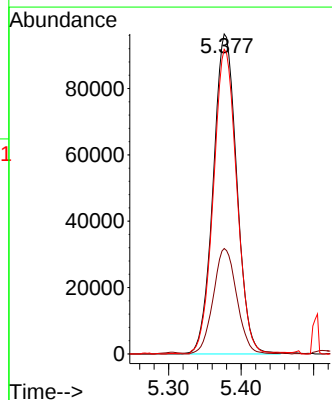
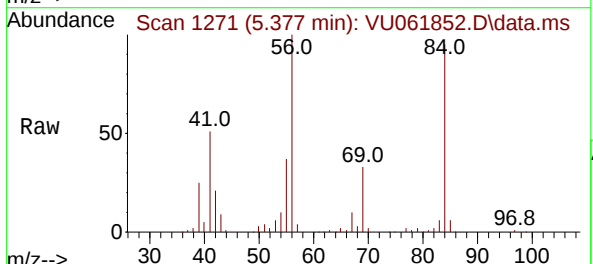
Instrument :
MSVOA_U
ClientSampleId :

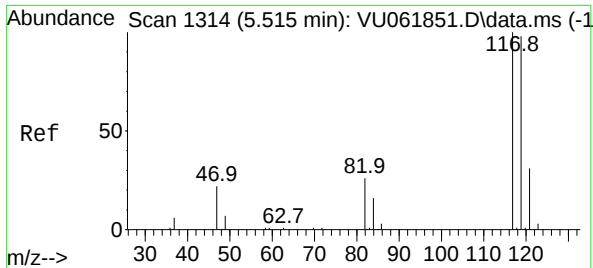
Tgt Ion: 97 Resp: 221273
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 43.6 34.8 52.2



#30
Cyclohexane
Concen: 7.735 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 56 Resp: 216966
Ion Ratio Lower Upper
56 100
69 32.5 26.2 39.4
84 94.6 76.0 114.0

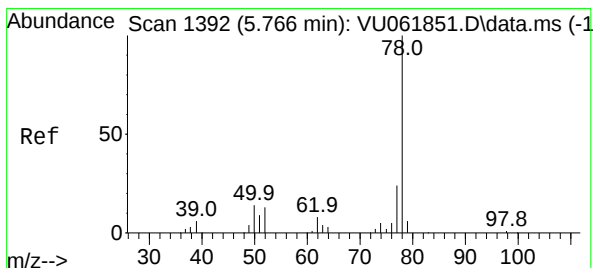
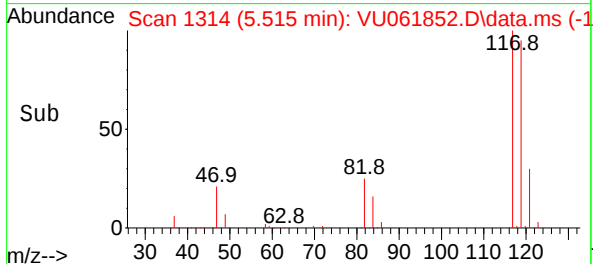
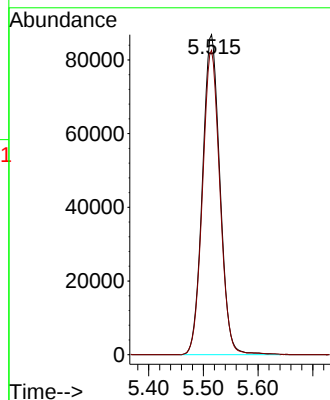
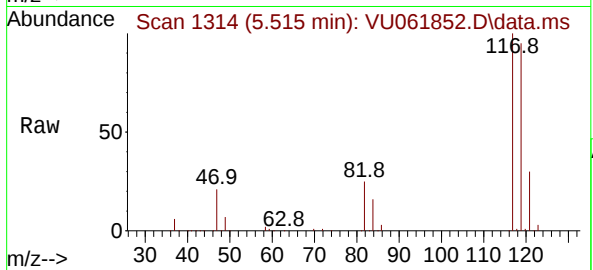




#31
Carbon tetrachloride
Concen: 7.995 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

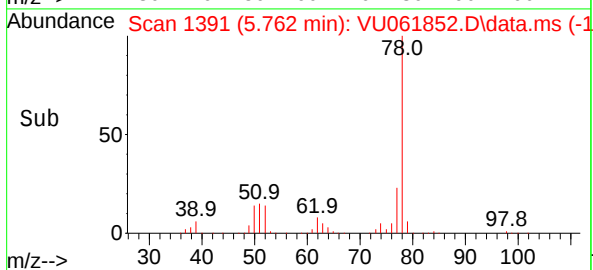
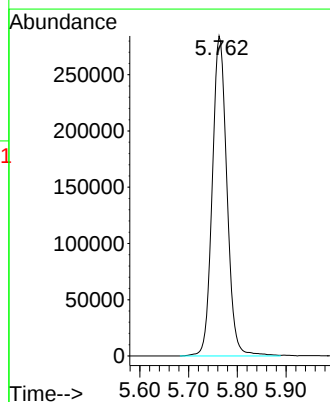
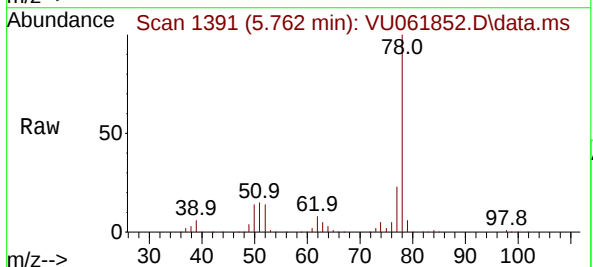
Instrument :
MSVOA_U
ClientSampleId :

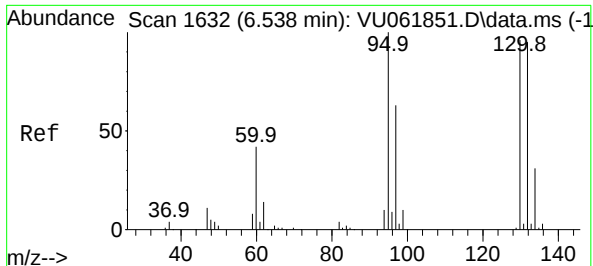
Tgt Ion:117 Resp: 192292
Ion Ratio Lower Upper
117 100
119 94.6 76.5 114.7



#33
Benzene
Concen: 7.930 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 78 Resp: 594785

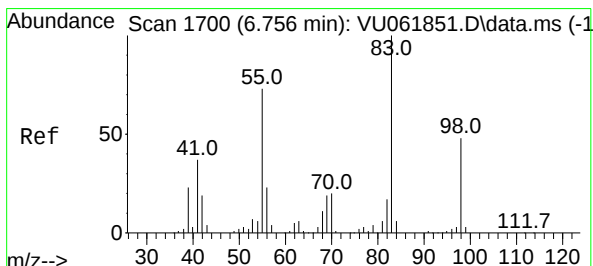
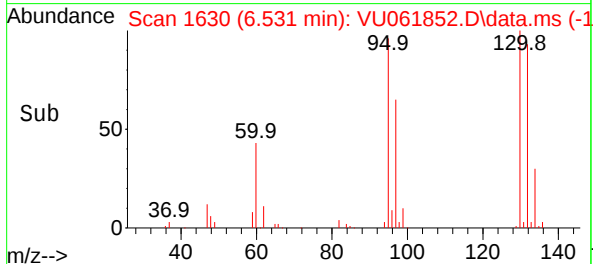
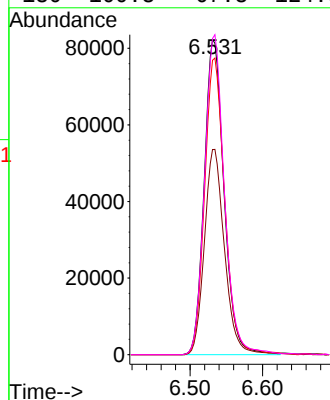
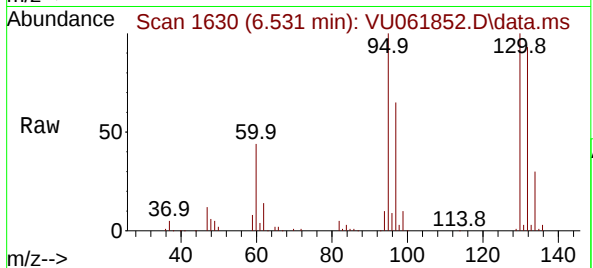




#34
Trichloroethene
Concen: 7.372 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.007 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

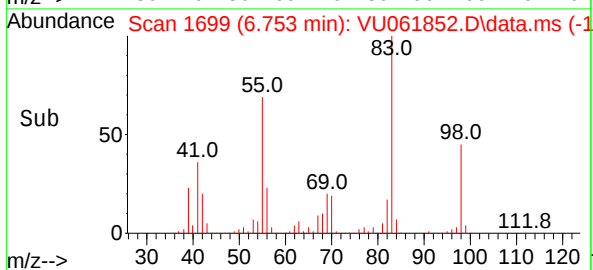
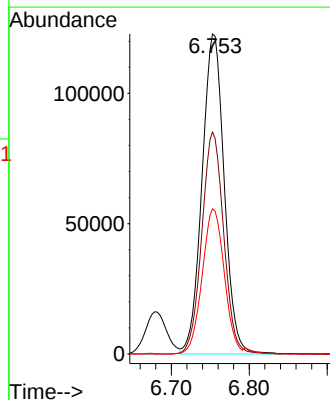
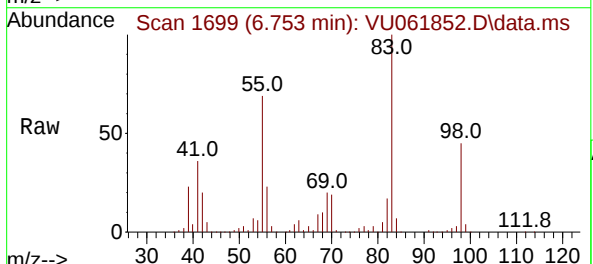
Instrument :
MSVOA_U
ClientSampleId :

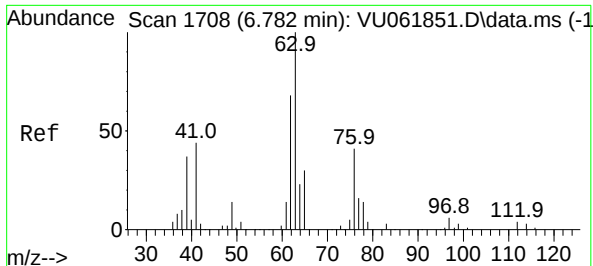
Tgt Ion: 95 Resp: 156607
Ion Ratio Lower Upper
95 100
97 65.1 44.2 82.0
132 93.4 66.4 123.2
130 100.3 67.3 124.9



#35
Methylcyclohexane
Concen: 7.565 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 83 Resp: 242890
Ion Ratio Lower Upper
83 100
55 68.5 56.9 85.3
98 45.1 37.2 55.8

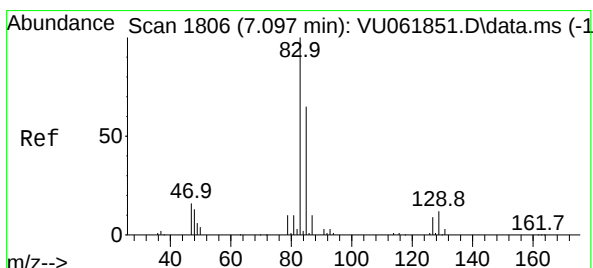
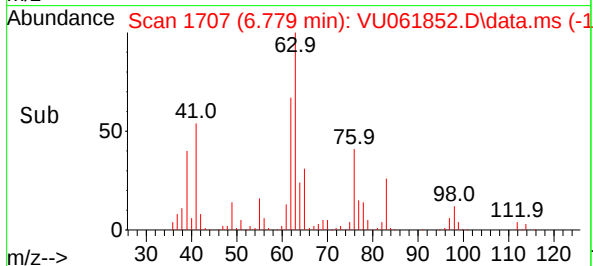
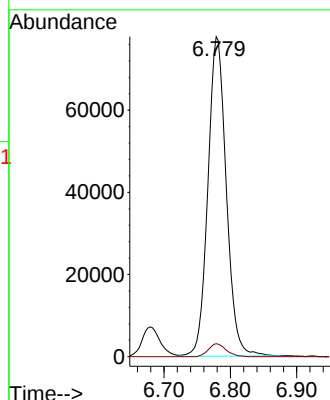
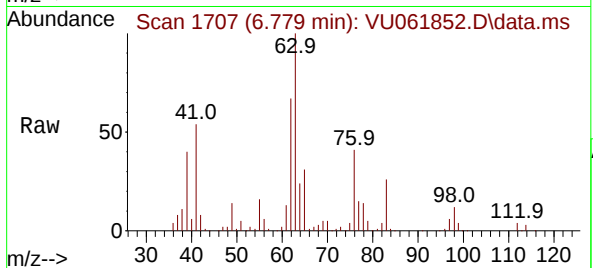




#37
1,2-Dichloropropane
Concen: 7.502 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

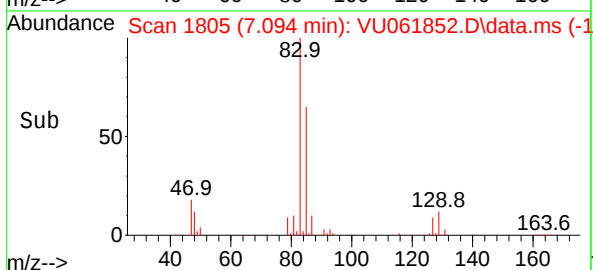
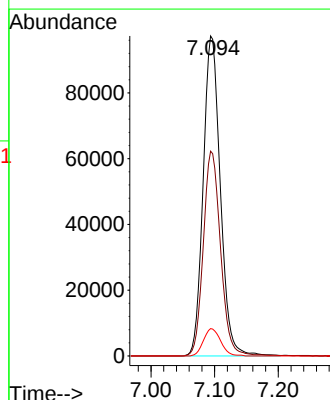
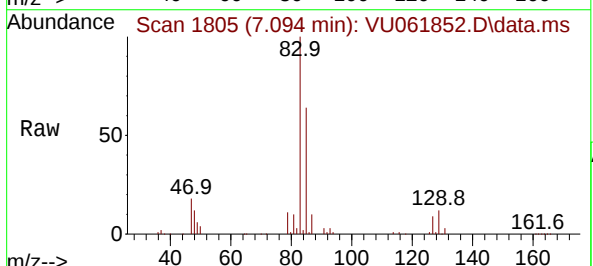
Instrument :
MSVOA_U
ClientSampleId :

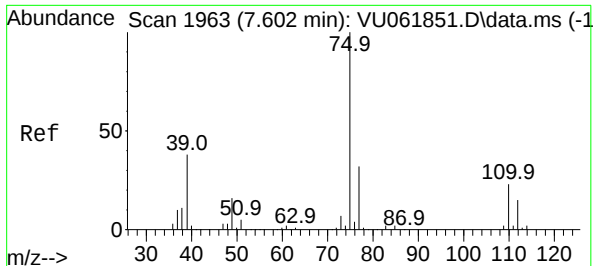
Tgt Ion: 63 Resp: 150067
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 7.703 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion: 83 Resp: 182382
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4
127 8.5 7.4 11.0

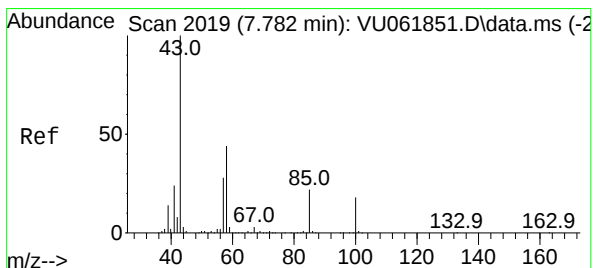
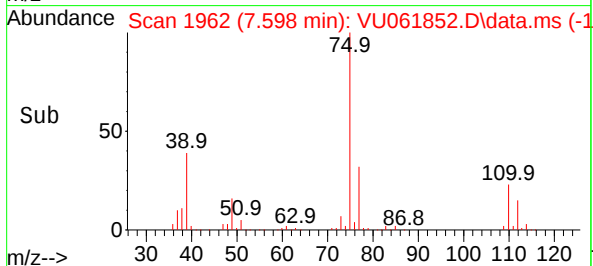
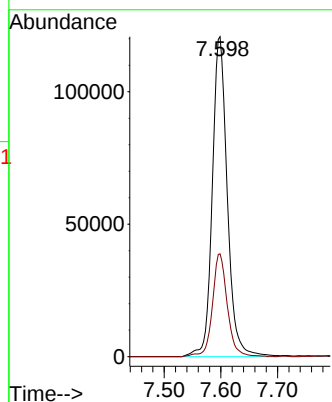
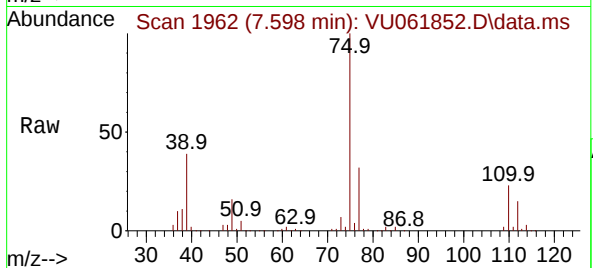




#39
 cis-1,3-Dichloropropene
 Concen: 7.936 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

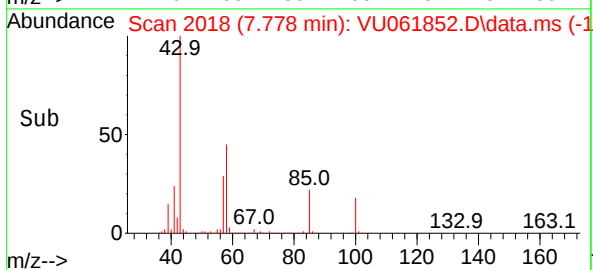
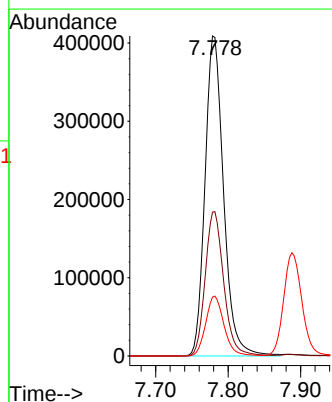
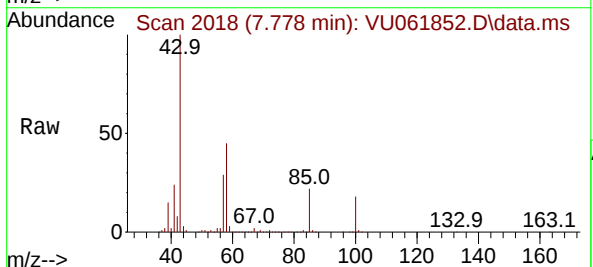
Instrument :
 MSVOA_U
 ClientSampleId :

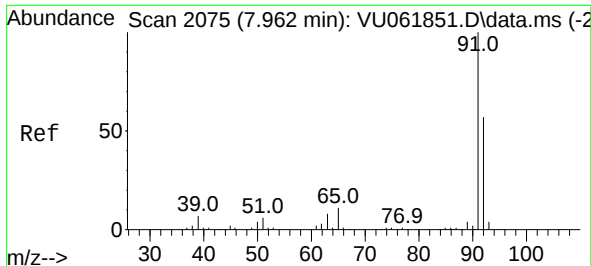
Tgt Ion: 75 Resp: 222708
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 76.973 ug/L
 RT: 7.778 min Scan# 2018
 Delta R.T. -0.003 min
 Lab File: VU061852.D
 Acq: 19 Nov 2024 14:13

Tgt Ion: 43 Resp: 728203
 Ion Ratio Lower Upper
 43 100
 58 45.0 35.8 53.6
 100 18.4 14.7 22.1





#42

Toluene

Concen: 7.600 ug/L

RT: 7.959 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

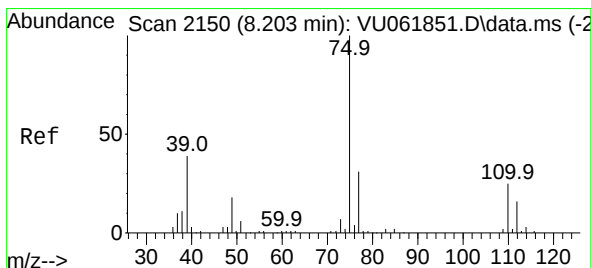
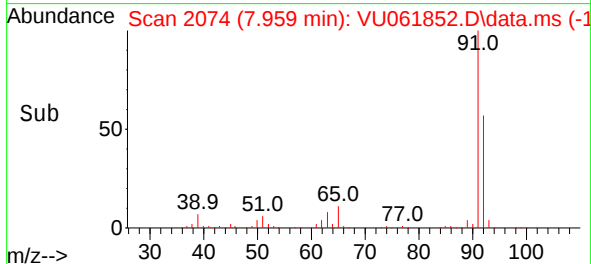
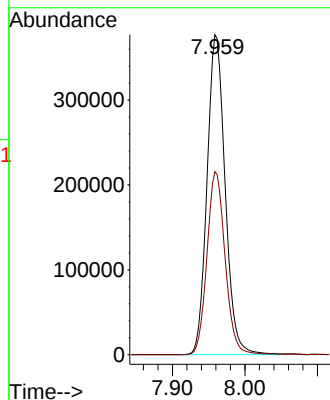
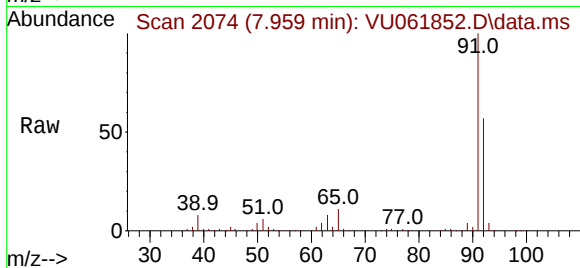
ClientSampleId :

Tgt Ion: 91 Resp: 653739

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 7.955 ug/L

RT: 8.200 min Scan# 2149

Delta R.T. -0.003 min

Lab File: VU061852.D

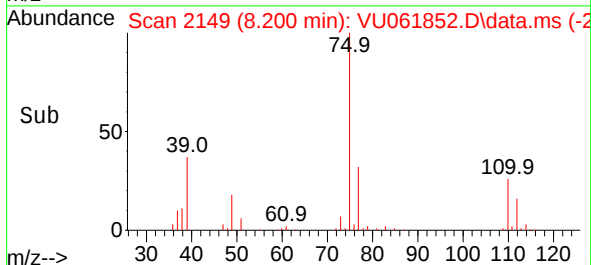
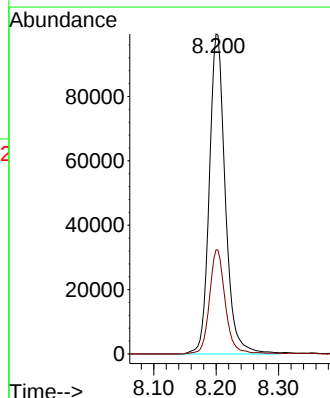
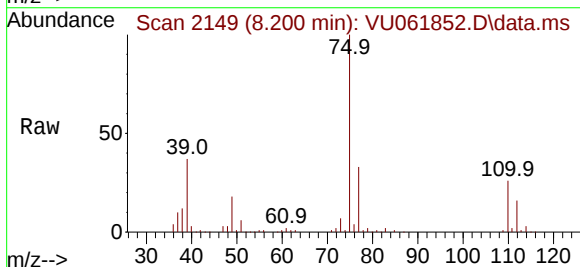
Acq: 19 Nov 2024 14:13

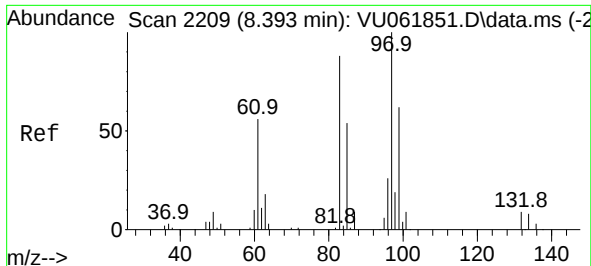
Tgt Ion: 75 Resp: 177062

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 9.145 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 135860

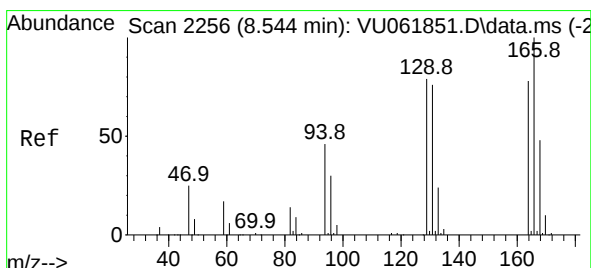
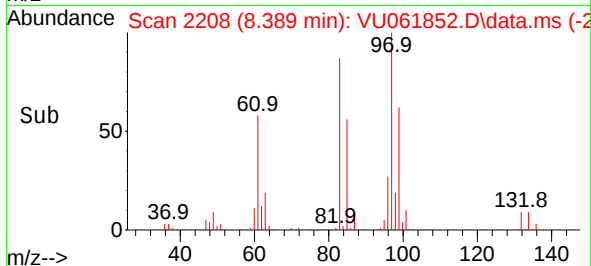
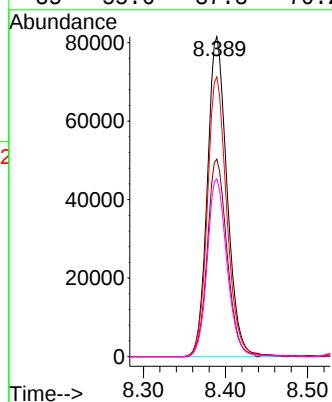
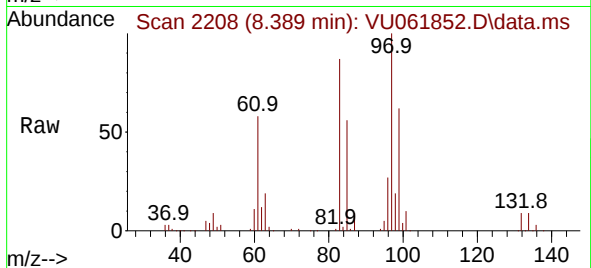
Ion Ratio Lower Upper

97 100

99 61.8 43.6 81.0

83 87.5 61.7 114.5

85 55.6 37.8 70.2



#47

Tetrachloroethene

Concen: 9.549 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Tgt Ion:164 Resp: 153346

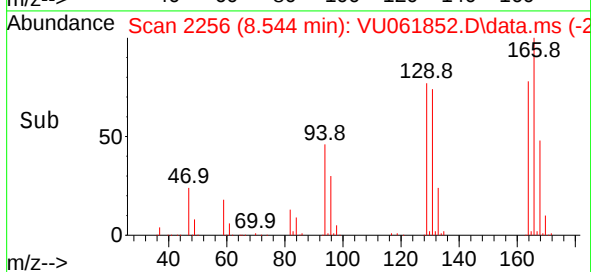
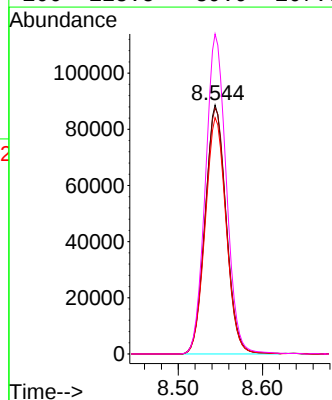
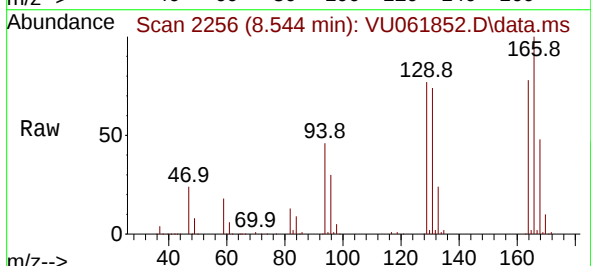
Ion Ratio Lower Upper

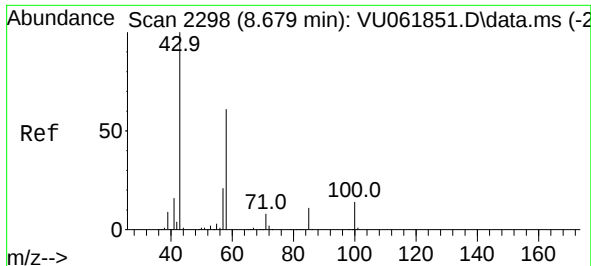
164 100

129 98.8 71.4 132.6

131 94.9 68.2 126.6

166 128.5 89.9 167.0





#48

2-Hexanone

Concen: 101.615 ug/L

RT: 8.676 min Scan# 2298

Delta R.T. -0.003 min

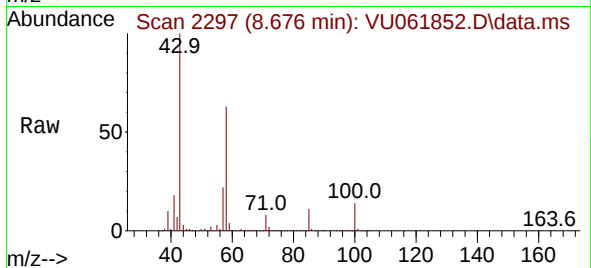
Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 686992

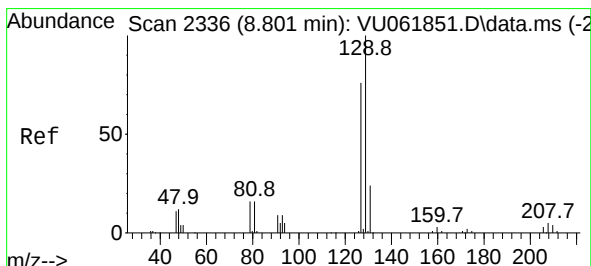
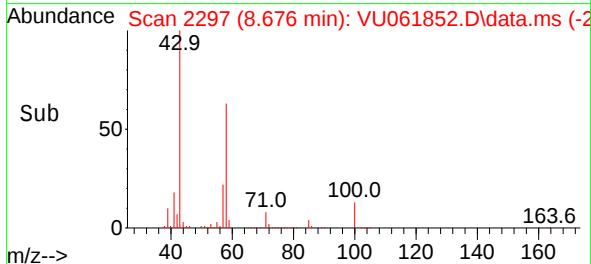
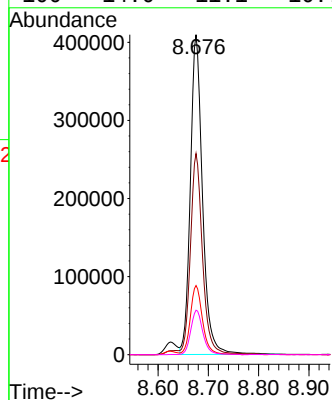
Ion Ratio Lower Upper

43 100

58 61.8 49.6 74.4

57 21.9 17.6 26.4

100 14.0 11.1 16.7



#49

Dibromochloromethane

Concen: 10.735 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061852.D

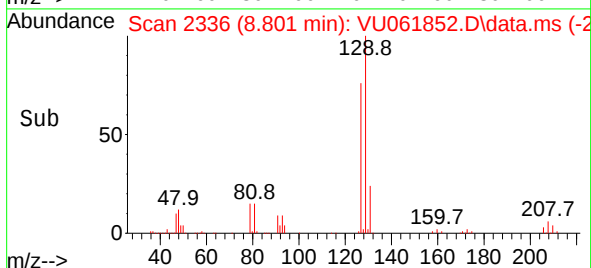
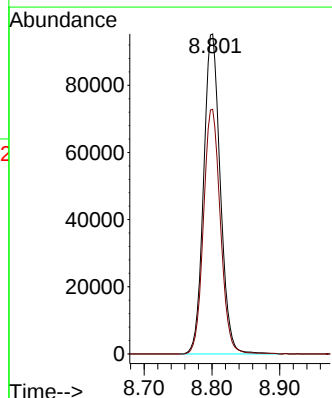
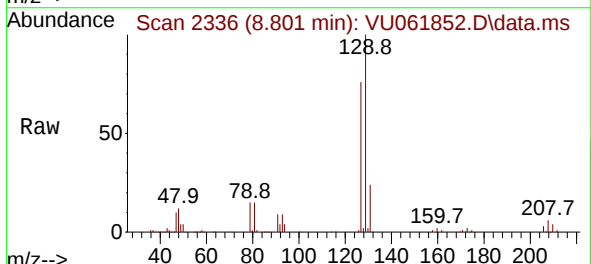
Acq: 19 Nov 2024 14:13

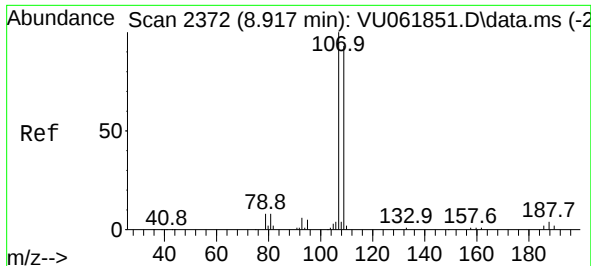
Tgt Ion:129 Resp: 162593

Ion Ratio Lower Upper

129 100

127 76.4 53.4 99.2

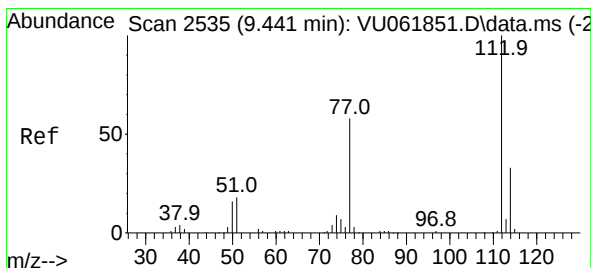
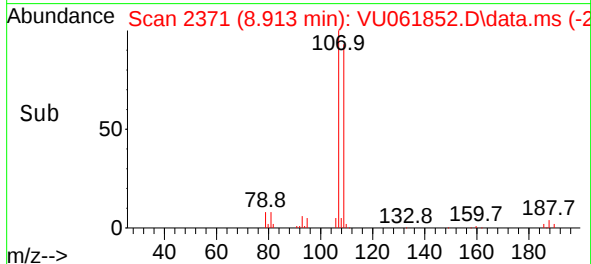
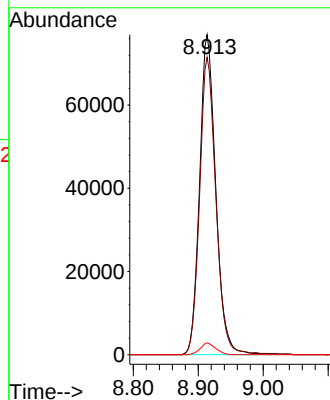
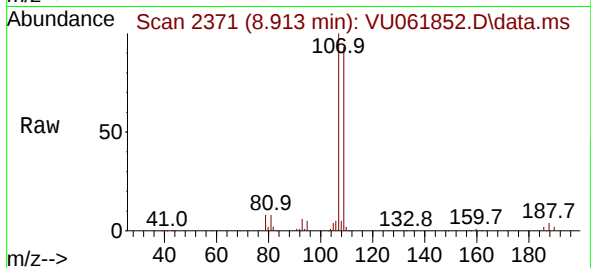




#50
1,2-Dibromoethane
Concen: 9.638 ug/L
RT: 8.913 min Scan# 24
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

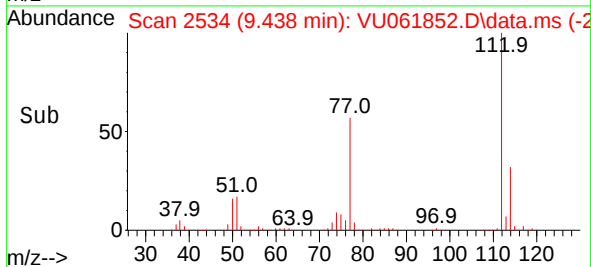
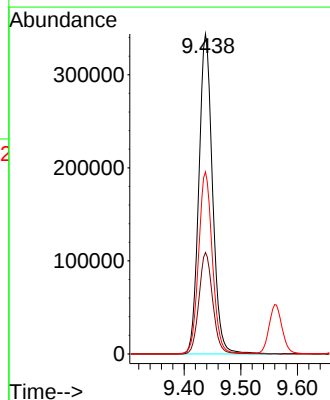
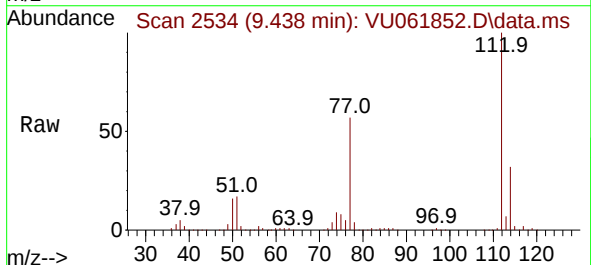
Instrument :
MSVOA_U
ClientSampleId :

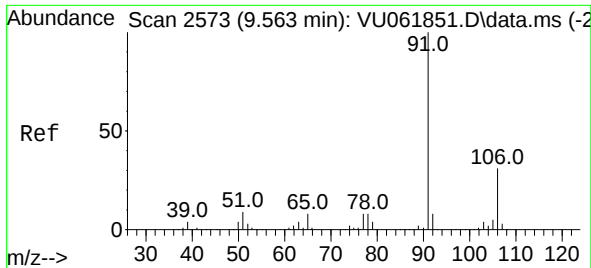
Tgt Ion:107 Resp: 133367
Ion Ratio Lower Upper
107 100
109 93.0 65.2 121.2
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 10.567 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion:112 Resp: 574822
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.3
77 56.9 46.7 70.1





#52

Ethylbenzene

Concen: 10.927 ug/L

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

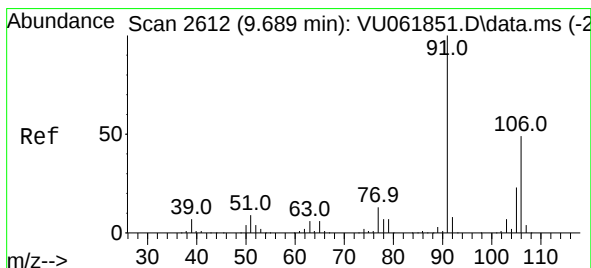
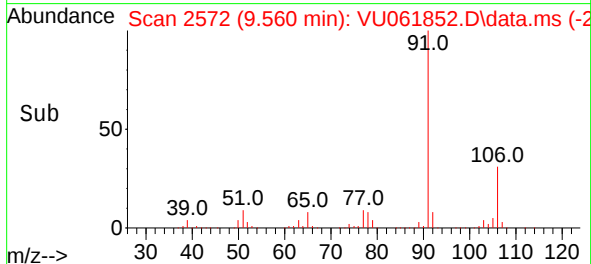
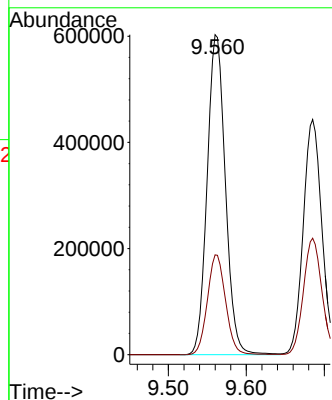
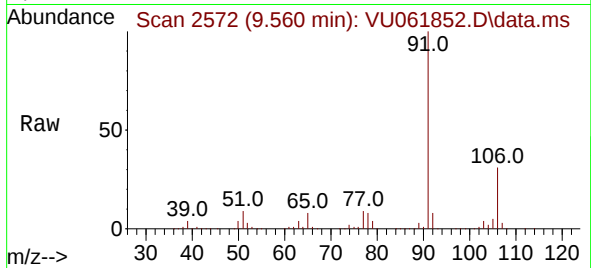
ClientSampleId :

Tgt Ion: 91 Resp: 981748

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 10.662 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU061852.D

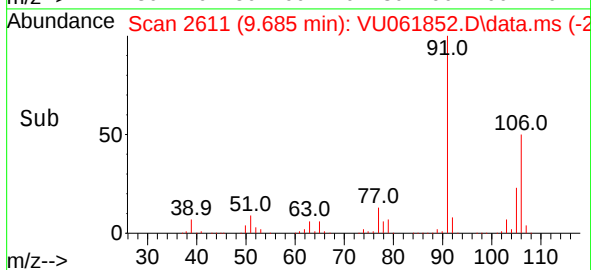
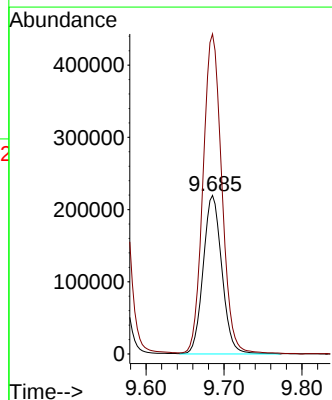
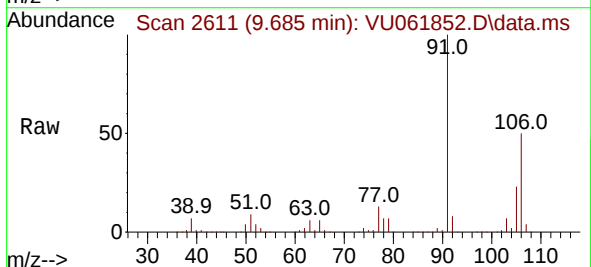
Acq: 19 Nov 2024 14:13

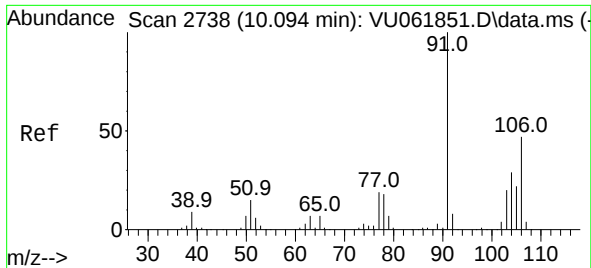
Tgt Ion:106 Resp: 365955

Ion Ratio Lower Upper

106 100

91 201.9 142.0 263.8

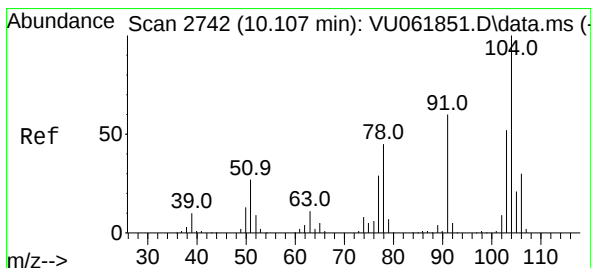
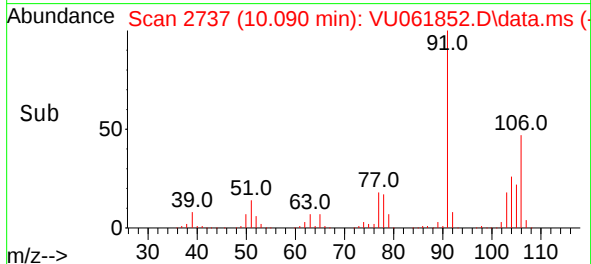
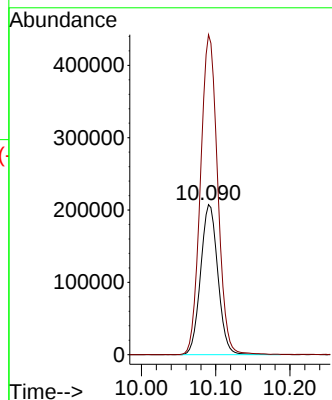
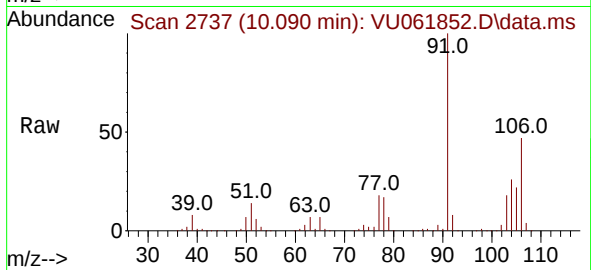




#54
o-Xylene
Concen: 10.402 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

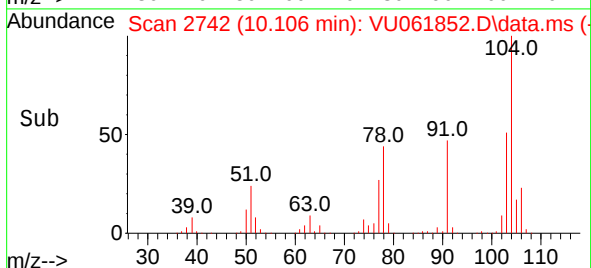
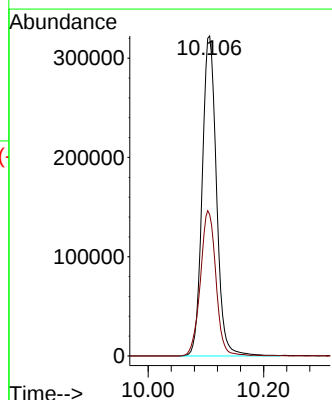
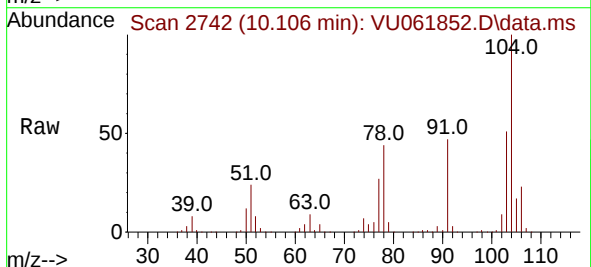
Instrument :
MSVOA_U
ClientSampleId :

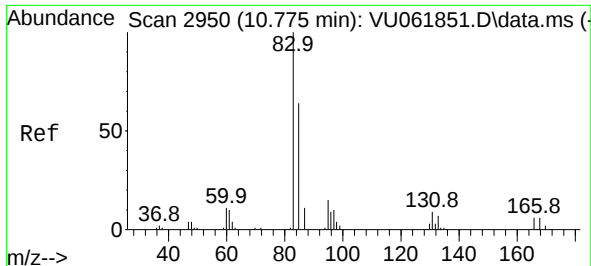
Tgt Ion:106 Resp: 333683
Ion Ratio Lower Upper
106 100
91 213.2 148.2 275.2



#55
Styrene
Concen: 10.891 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion:104 Resp: 554095
Ion Ratio Lower Upper
104 100
78 44.2 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 9.780 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min MSVOA_U

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

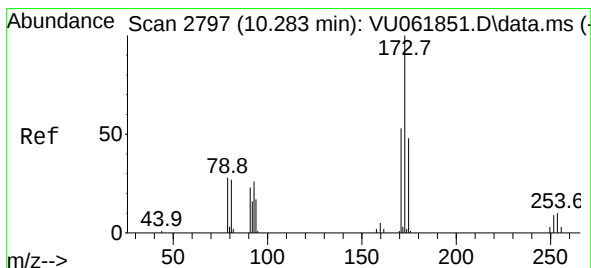
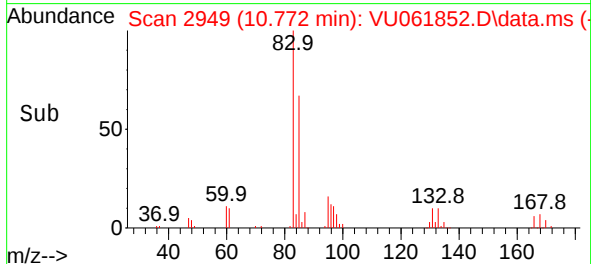
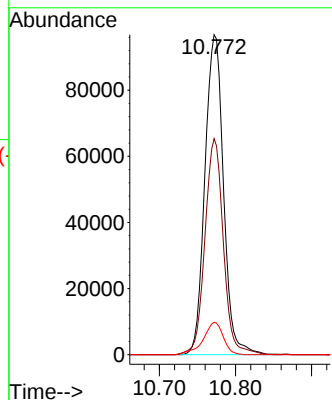
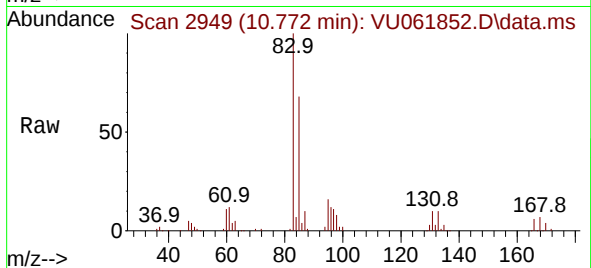
Tgt Ion: 83 Resp: 164438

Ion Ratio Lower Upper

83 100

85 67.5 45.1 83.7

131 10.1 7.7 11.5



#59

Bromoform

Concen: 10.858 ug/L

RT: 10.280 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

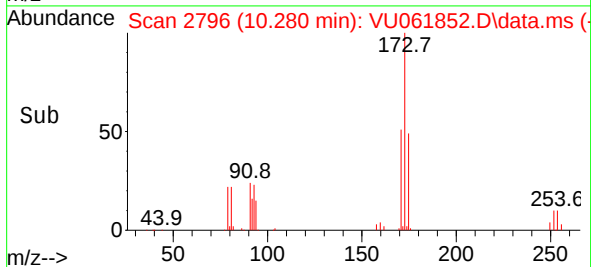
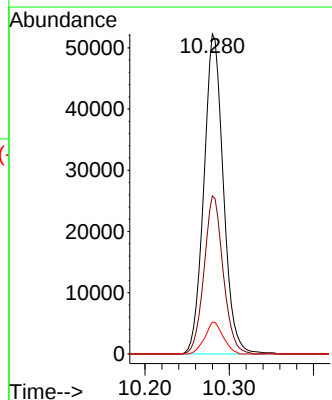
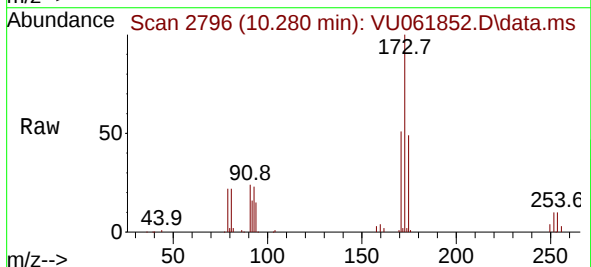
Tgt Ion:173 Resp: 84178

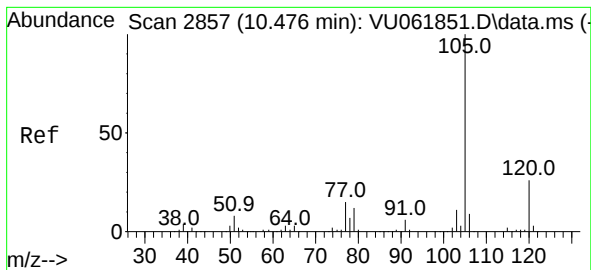
Ion Ratio Lower Upper

173 100

175 48.4 37.0 55.6

254 9.4 7.4 11.0





#60

Isopropylbenzene

Concen: 10.529 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

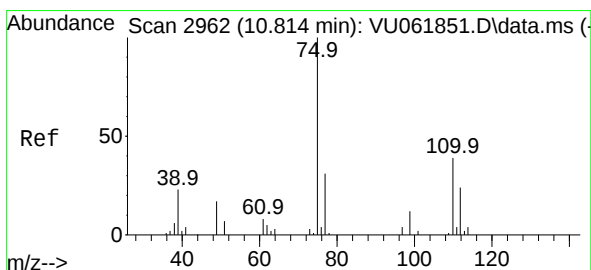
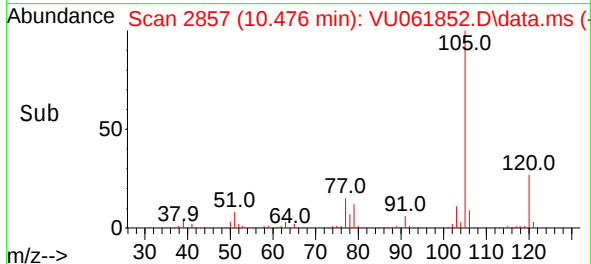
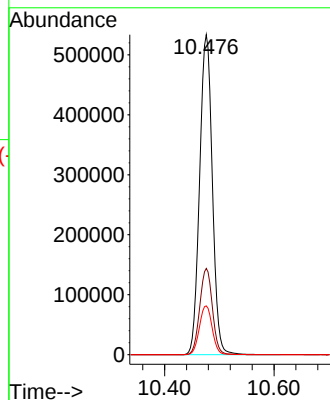
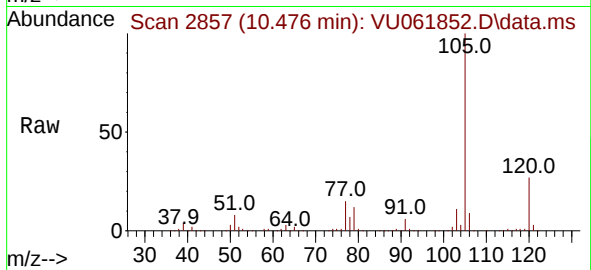
Tgt Ion:105 Resp: 859358

Ion Ratio Lower Upper

105 100

120 26.9 21.1 31.7

77 15.4 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 10.023 ug/L

RT: 10.811 min Scan# 2961

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

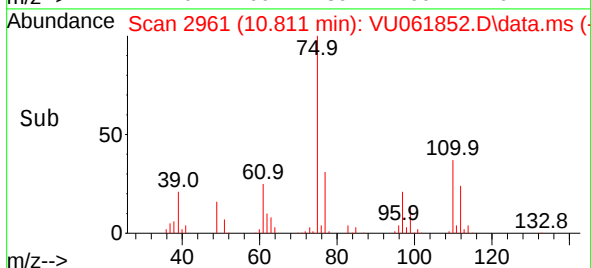
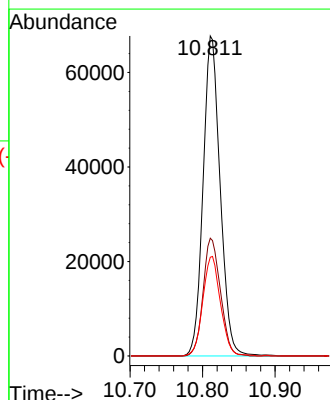
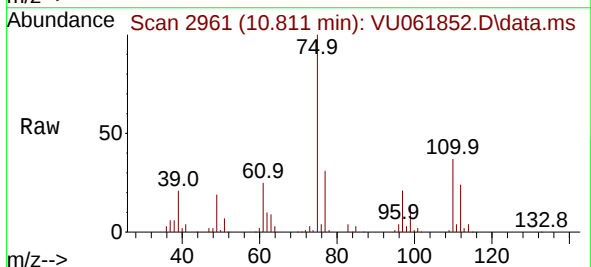
Tgt Ion: 75 Resp: 110877

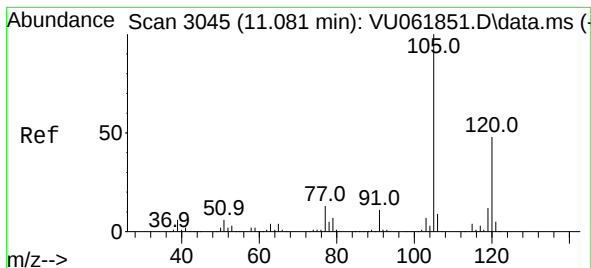
Ion Ratio Lower Upper

75 100

110 37.3 30.6 46.0

77 32.3 25.3 37.9





#62

1,3,5-Trimethylbenzene

Concen: 10.503 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

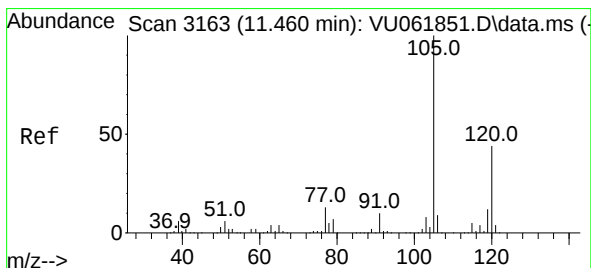
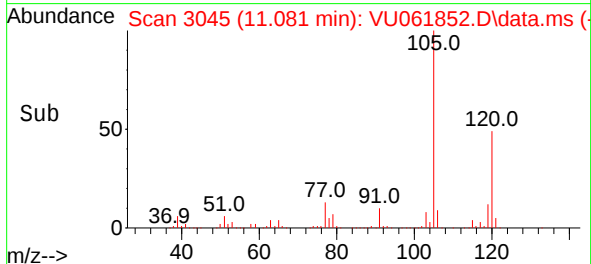
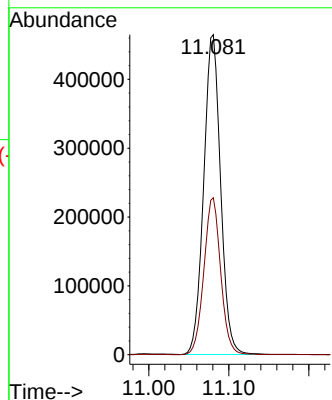
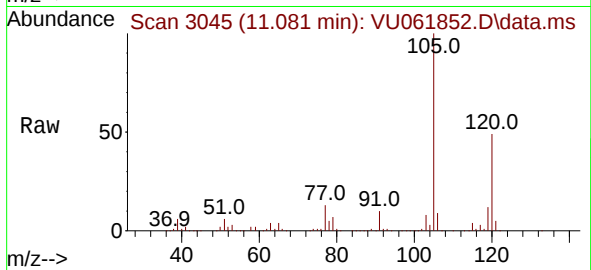
ClientSampleId :

Tgt Ion:105 Resp: 684733

Ion Ratio Lower Upper

105 100

120 48.6 38.6 58.0



#63

1,2,4-Trimethylbenzene

Concen: 11.063 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061852.D

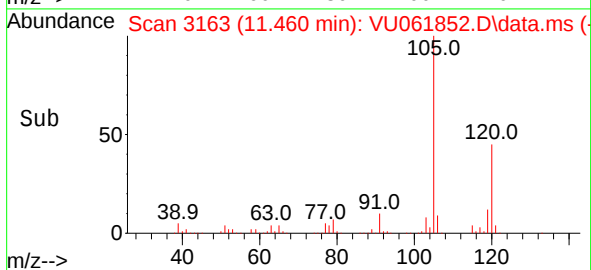
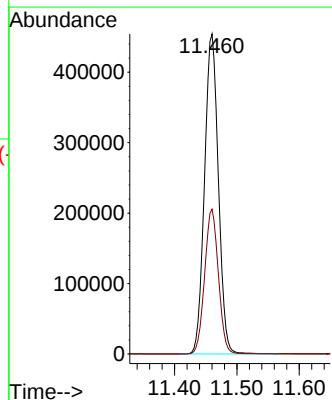
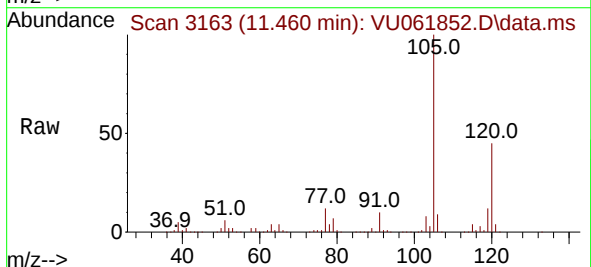
Acq: 19 Nov 2024 14:13

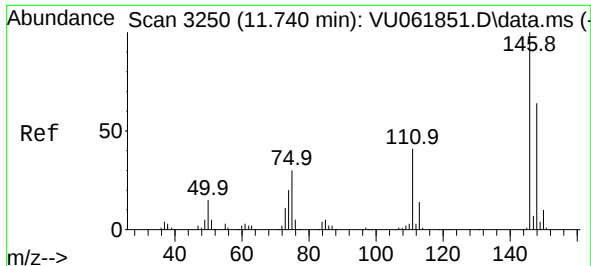
Tgt Ion:105 Resp: 702538

Ion Ratio Lower Upper

105 100

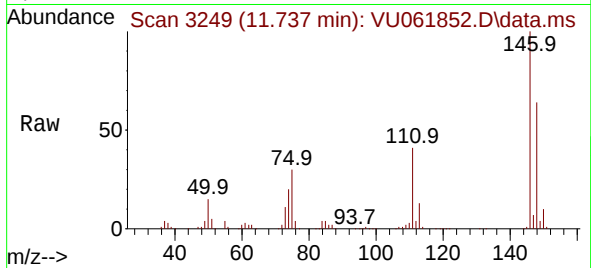
120 44.9 35.7 53.5



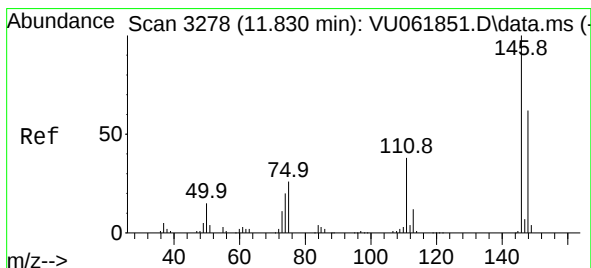
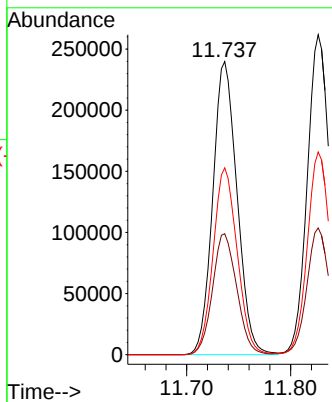
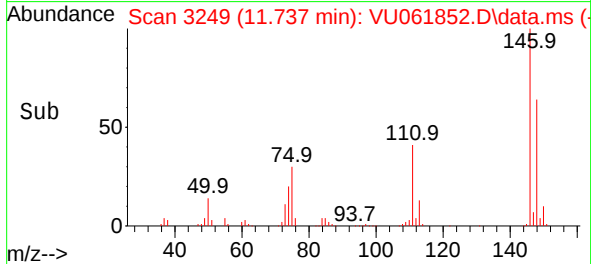


#64
1,3-Dichlorobenzene
Concen: 10.379 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

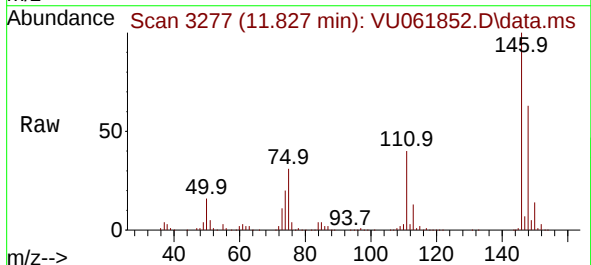
Instrument :
MSVOA_U
ClientSampleId :



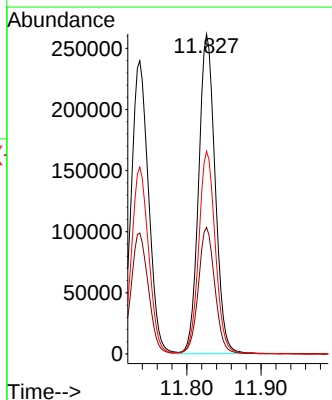
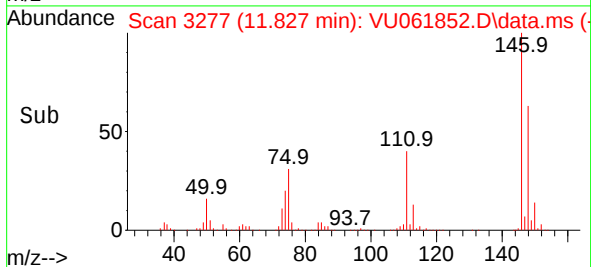
Tgt Ion:146 Resp: 389902
Ion Ratio Lower Upper
146 100
111 41.2 28.6 53.2
148 63.8 44.8 83.2

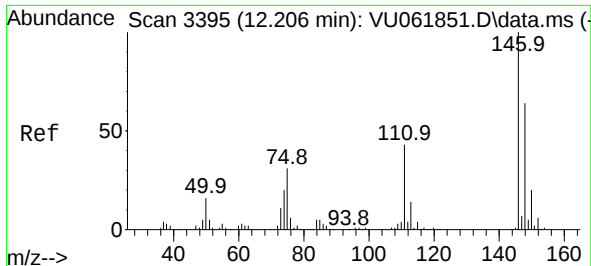


#65
1,4-Dichlorobenzene
Concen: 10.604 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13



Tgt Ion:146 Resp: 404069
Ion Ratio Lower Upper
146 100
111 39.6 27.0 50.2
148 63.3 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 8.508 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

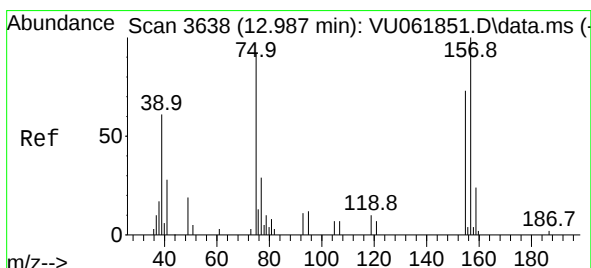
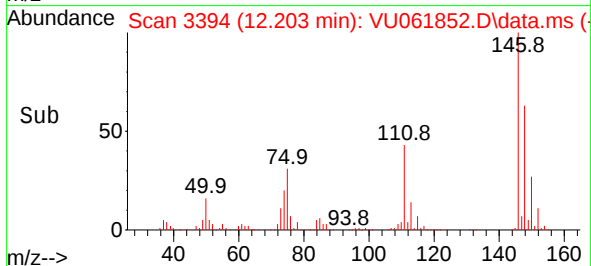
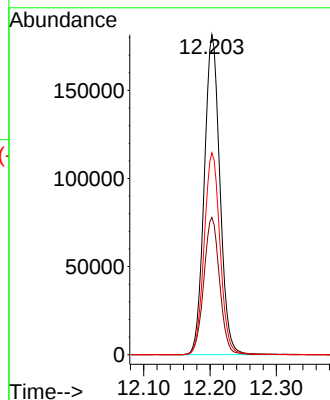
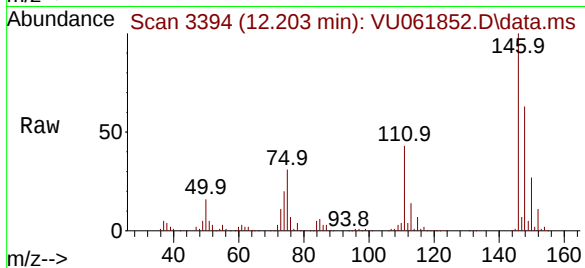
Tgt Ion:146 Resp: 297244

Ion Ratio Lower Upper

146 100

111 42.9 34.3 51.5

148 63.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 8.874 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

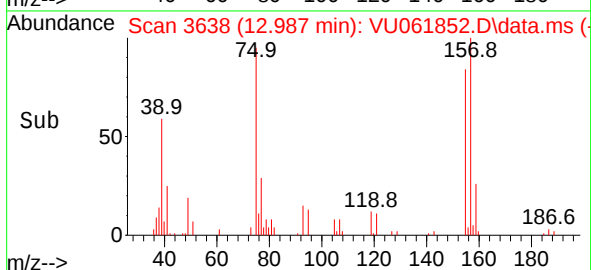
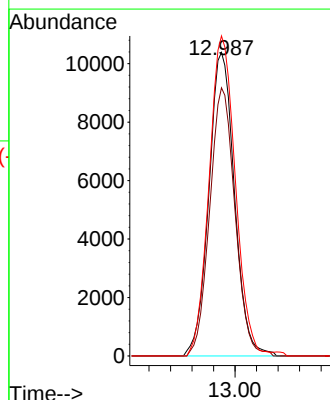
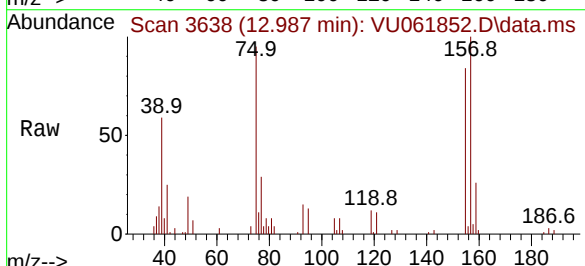
Tgt Ion: 75 Resp: 17176

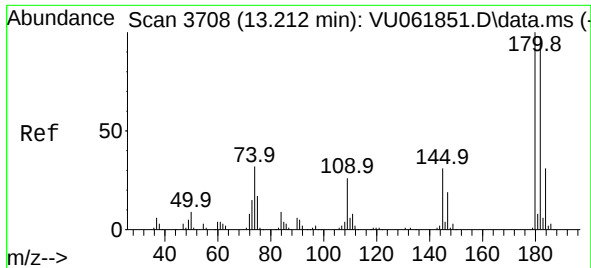
Ion Ratio Lower Upper

75 100

155 88.4 62.9 94.3

157 105.4 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 8.704 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 228807

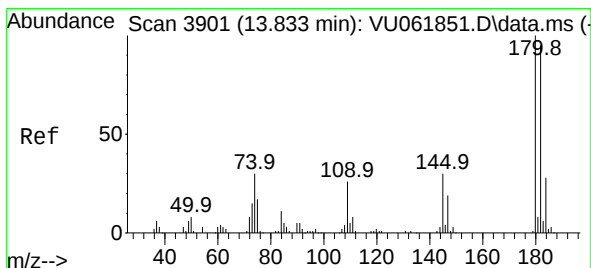
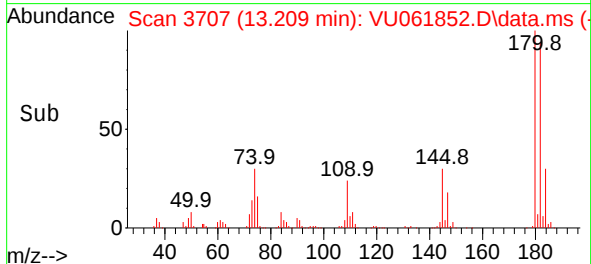
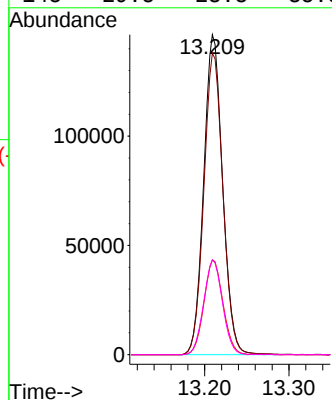
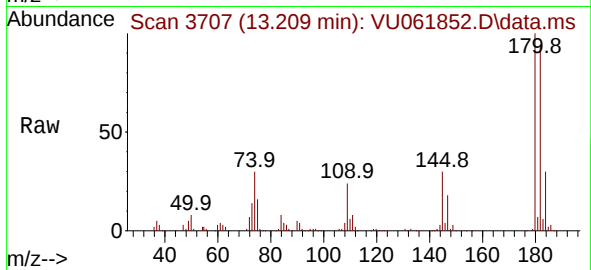
Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.6

184 29.8 24.2 36.4

145 29.5 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 9.145 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061852.D

Acq: 19 Nov 2024 14:13

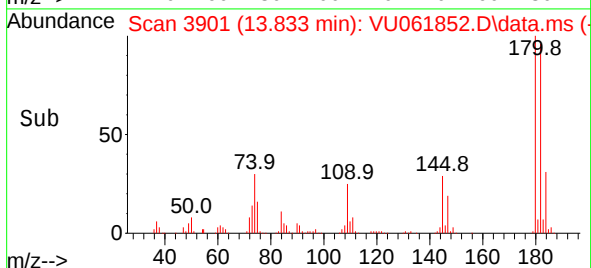
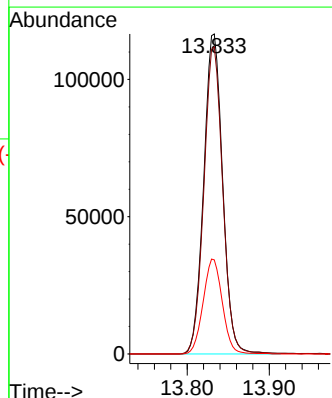
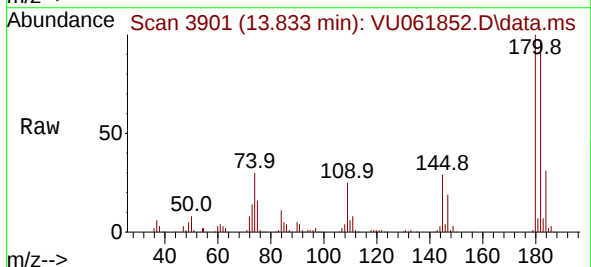
Tgt Ion:180 Resp: 186855

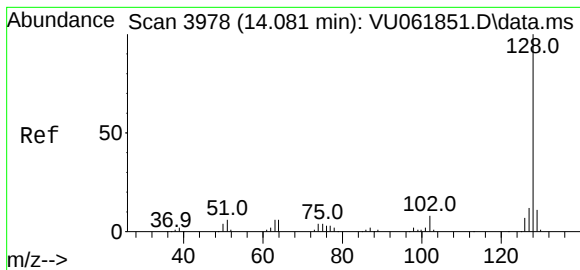
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

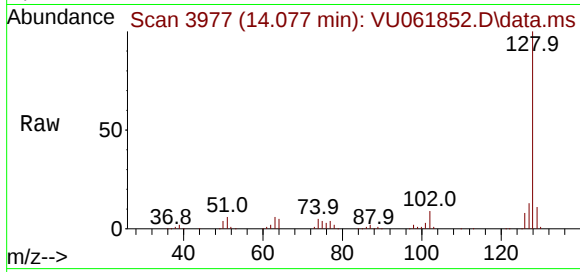
145 30.0 24.1 36.1



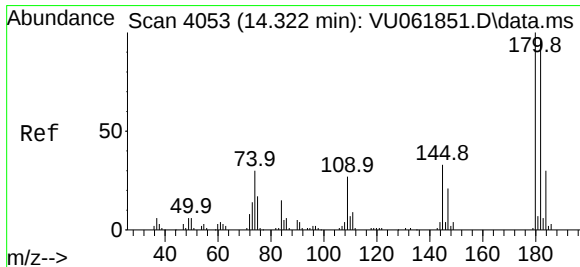
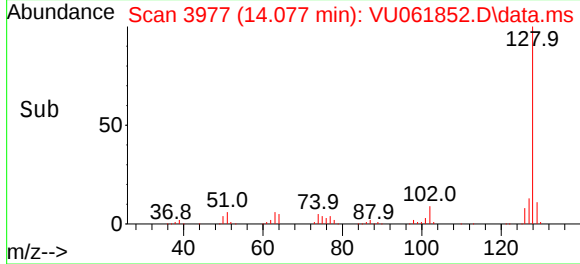
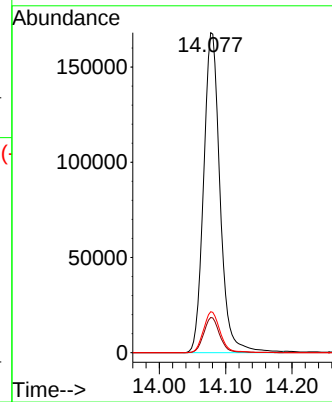


#71
Naphthalene
Concen: 9.833 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.003 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 289181
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.0 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 9.409 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061852.D
Acq: 19 Nov 2024 14:13

Tgt Ion:180 Resp: 161192
Ion Ratio Lower Upper
180 100
182 94.9 76.6 115.0
145 31.8 26.0 39.0

