

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061860.D
 Acq On : 20 Nov 2024 11:45
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:31:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177782	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	197603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	8895	0.752	ug/L	0.00
7) Chloroethane-d5	1.907	69	7616	0.834	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	3408	0.655	ug/L	0.00
20) 2-Butanone-d5	4.634	46	24968	8.415	ug/L	0.02
24) Chloroform-d	5.055	84	20897	0.946	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	11027	0.953	ug/L	0.00
32) Benzene-d6	5.721	84	35096	0.704	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	12000	0.725	ug/L	0.00
41) Toluene-d8	7.891	98	28238	0.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	3951	0.570	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	19141	6.666	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	10961	0.834	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	10836	0.979	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	15661	1.581	ug/L	95
3) Chloromethane	1.518	50	16262	1.244	ug/L	94
5) Vinyl chloride	1.602	62	16911	1.280	ug/L	87
6) Bromomethane	1.850	94	9834	1.358	ug/L	99
8) Chloroethane	1.930	64	10120	1.265	ug/L	99
9) Trichlorofluoromethane	2.133	101	21184	1.256	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	13008	1.185	ug/L	97
12) 1,1-Dichloroethene	2.573	96	11446	1.086	ug/L	93
13) Acetone	2.621	43	19330	10.043	ug/L	98
14) Carbon disulfide	2.785	76	37632	1.074	ug/L	99
15) Methyl Acetate	2.949	43	4568	0.965	ug/L	99
16) Methylene chloride	3.036	84	14535	1.207	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	29437	1.006	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	12746	1.116	ug/L	98
19) 1,1-Dichloroethane	3.862	63	24232	1.093	ug/L	97
21) 2-Butanone	4.708	43	27906	8.917	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	14018	1.102	ug/L	93
23) Bromochloromethane	4.968	128	6468	1.236	ug/L	88
25) Chloroform	5.081	83	25006	1.110	ug/L	92
27) 1,2-Dichloroethane	5.788	62	16939	1.155	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	20732	0.895	ug/L	97
30) Cyclohexane	5.380	56	20918	0.823	ug/L	98
31) Carbon tetrachloride	5.515	117	17364	0.888	ug/L	99
33) Benzene	5.769	78	55272	0.938	ug/L	100
34) Trichloroethene	6.537	95	15150	0.946	ug/L	98
35) Methylcyclohexane	6.753	83	21349	0.839	ug/L	98
37) 1,2-Dichloropropane	6.782	63	14404	0.932	ug/L #	97
38) Bromodichloromethane	7.097	83	16954	0.877	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	18334	0.773	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	71605	7.503	ug/L	99
42) Toluene	7.962	91	56055	0.889	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	14269	0.732	ug/L	97

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

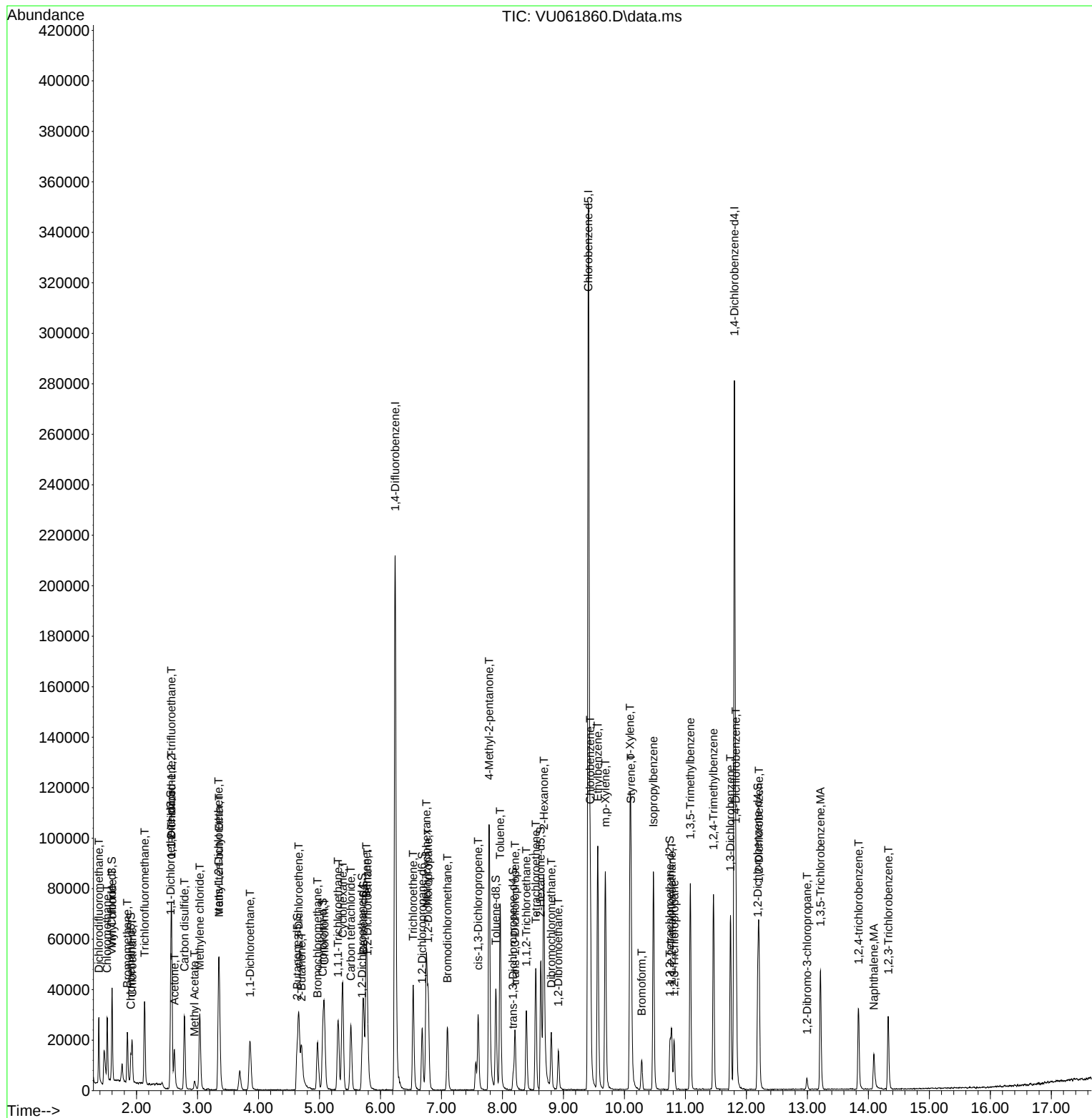
45) 1,1,2-Trichloroethane	8.393	97	10031	0.952	ug/L	98
47) Tetrachloroethene	8.547	164	10521	0.996	ug/L	97
48) 2-Hexanone	8.679	43	60246	9.099	ug/L	96
49) Dibromochloromethane	8.801	129	11527	0.974	ug/L	96
50) 1,2-Dibromoethane	8.917	107	11096	1.129	ug/L	98
51) Chlorobenzene	9.441	112	42299	1.103	ug/L	100
52) Ethylbenzene	9.563	91	72063	1.022	ug/L	99
53) m,p-Xylene	9.688	106	25731	0.994	ug/L	93
54) o-Xylene	10.094	106	24924	0.985	ug/L	97
55) Styrene	10.110	104	39413	0.960	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	12512	0.919	ug/L	95
59) Bromoform	10.283	173	5811	1.170	ug/L	96
60) Isopropylbenzene	10.476	105	57587	1.160	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	9352	1.290	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	46496	1.079	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	46496	1.094	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	28302	1.330	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	24477	1.164	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	22583	1.195	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	1545	1.050	ug/L	90
69) 1,3,5-Trichlorobenzene	13.216	180	15205	1.075	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	10271	0.946	ug/L	95
71) Naphthalene	14.090	128	15810	0.909	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	9425	1.040	ug/L	98

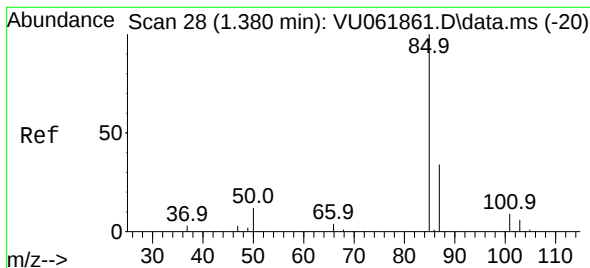
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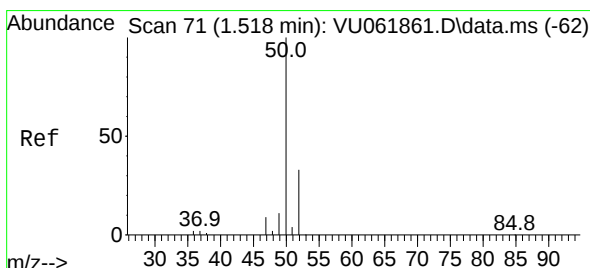
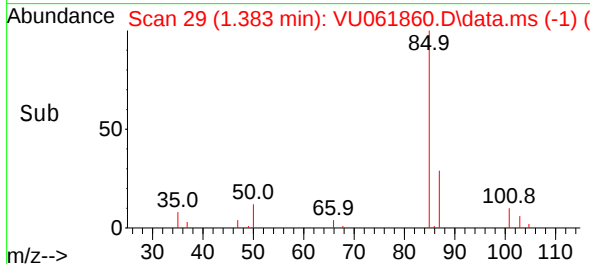
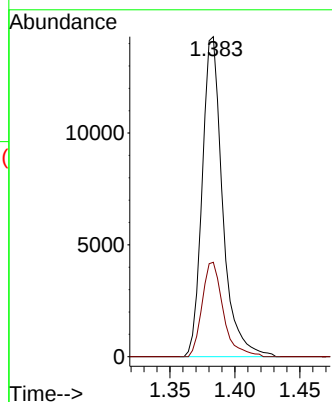
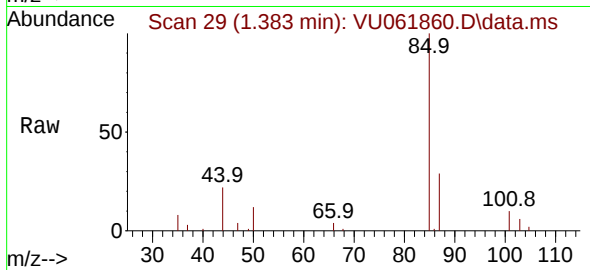




#2
Dichlorodifluoromethane
Concen: 1.581 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

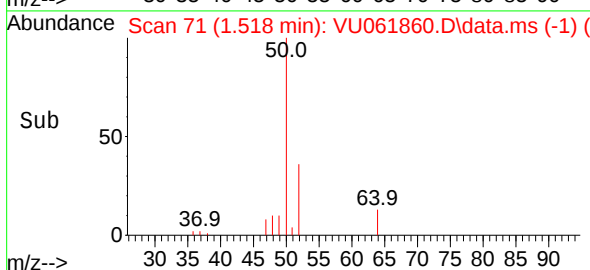
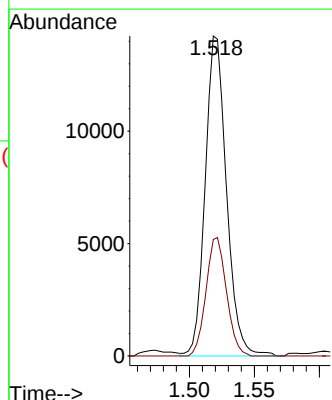
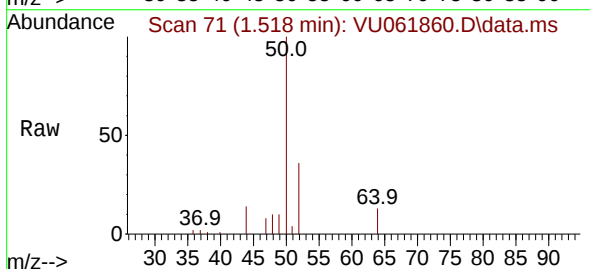
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MSVOA_U
ClientSampleId :

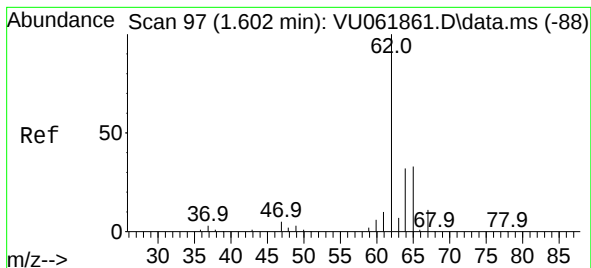
Tgt Ion: 85 Resp: 15661
Ion Ratio Lower Upper
85 100
87 30.6 26.6 40.0



#3
Chloromethane
Concen: 1.244 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 50 Resp: 16262
Ion Ratio Lower Upper
50 100
52 36.4 23.1 42.9





#5

Vinyl chloride

Concen: 1.280 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

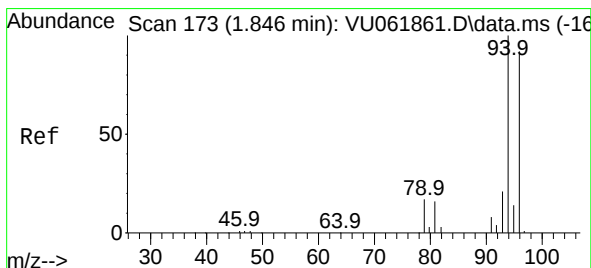
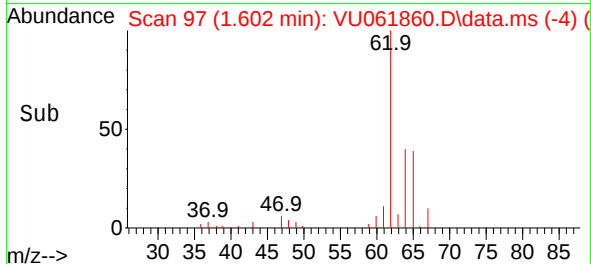
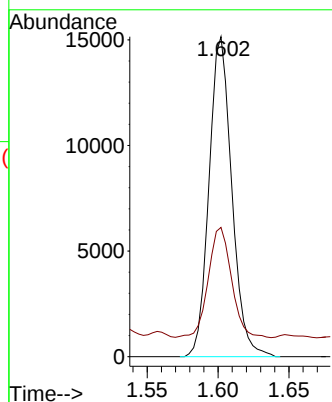
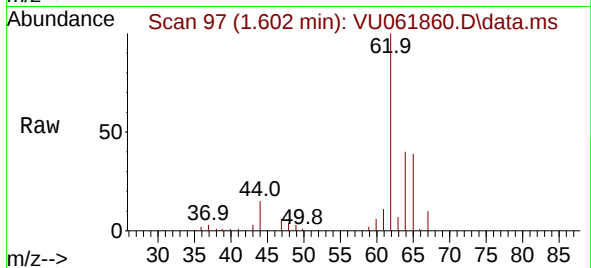
ClientSampleId :

Tgt Ion: 62 Resp: 16911

Ion Ratio Lower Upper

62 100

64 40.4 23.1 42.9



#6

Bromomethane

Concen: 1.358 ug/L

RT: 1.850 min Scan# 174

Delta R.T. 0.003 min

Lab File: VU061860.D

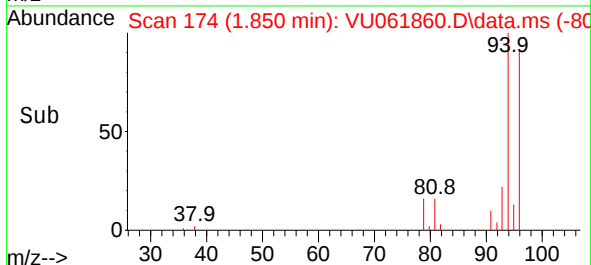
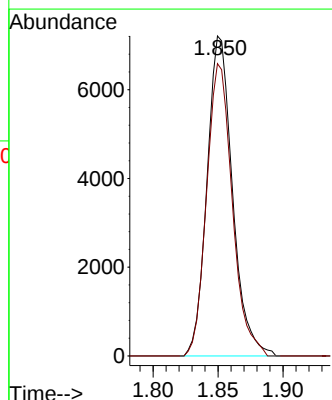
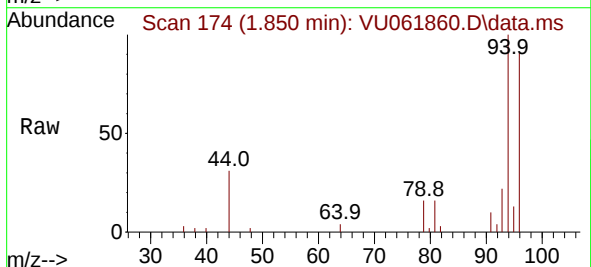
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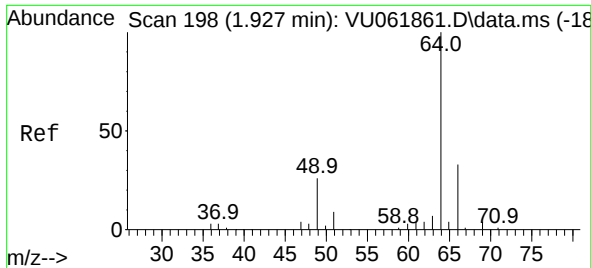
Tgt Ion: 94 Resp: 9834

Ion Ratio Lower Upper

94 100

96 91.3 64.5 119.9

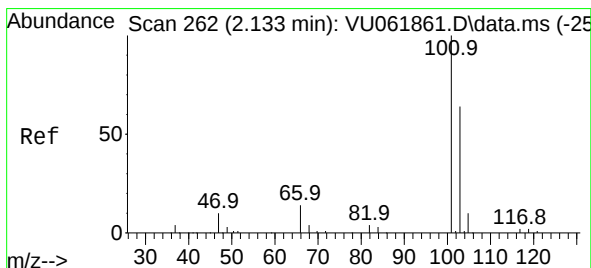
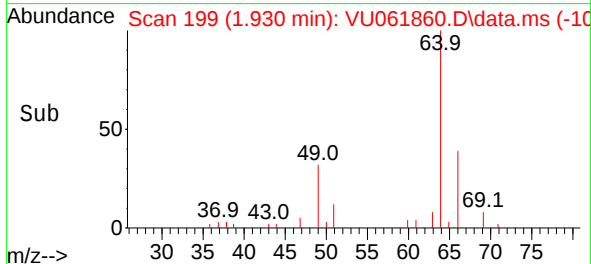
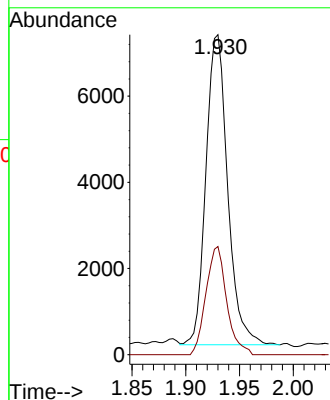
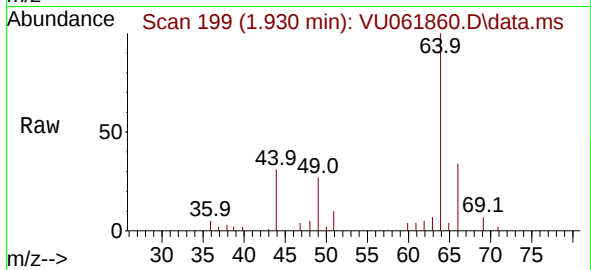




#8
Chloroethane
Concen: 1.265 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

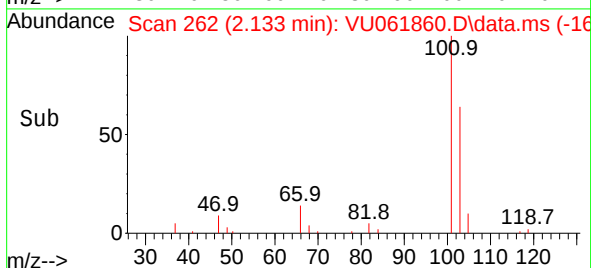
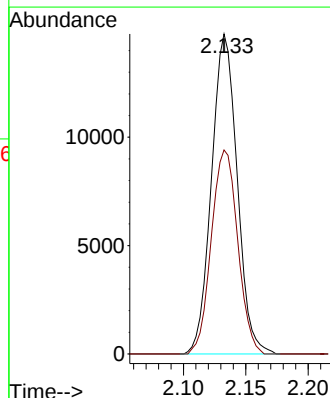
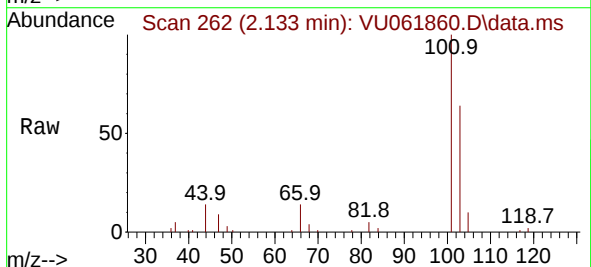
Instrument :
MSVOA_U
ClientSampleId :

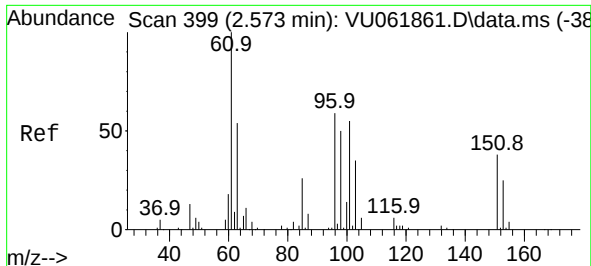
Tgt Ion: 64 Resp: 10120
Ion Ratio Lower Upper
64 100
66 33.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 1.256 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion:101 Resp: 21184
Ion Ratio Lower Upper
101 100
103 65.4 50.6 75.8

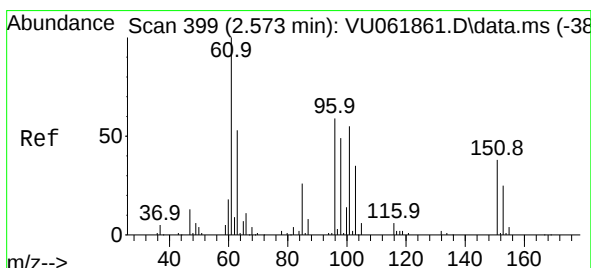
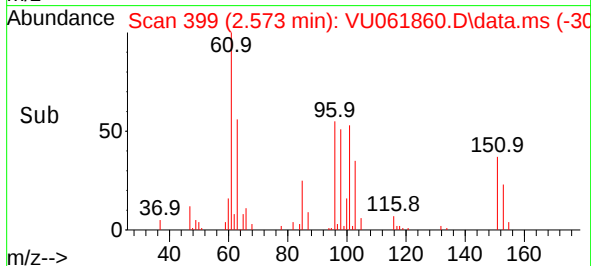
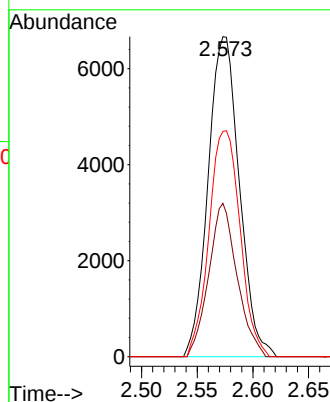
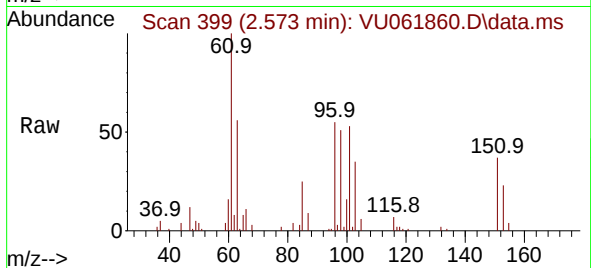




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.185 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061860.D
 Acq: 20 Nov 2024 11:45

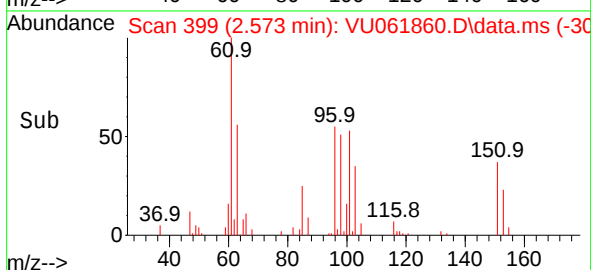
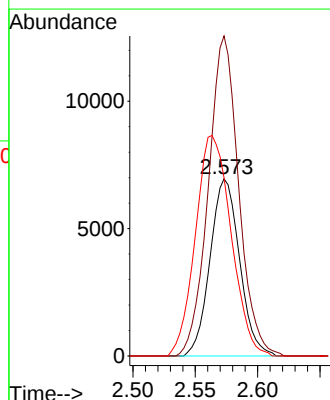
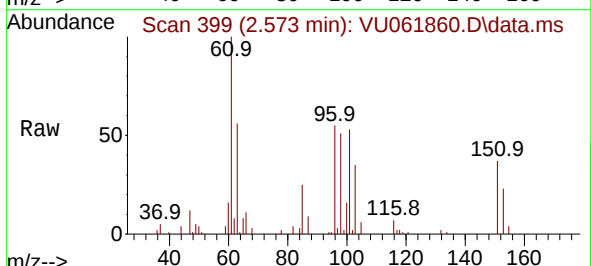
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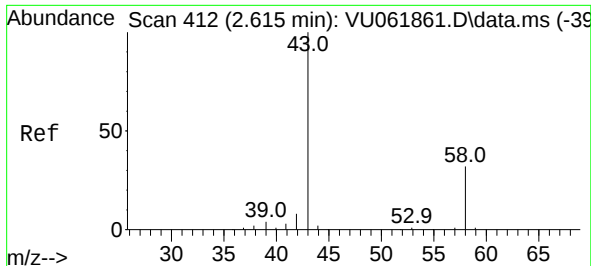
Tgt Ion:	101	Resp:	13008
Ion	Ratio	Lower	Upper
101	100		
85	43.6	38.0	57.0
151	70.4	55.3	82.9



#12
 1,1-Dichloroethene
 Concen: 1.086 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061860.D
 Acq: 20 Nov 2024 11:45

Tgt Ion:	96	Resp:	11446
Ion	Ratio	Lower	Upper
96	100		
61	180.7	119.6	222.2
63	100.6	65.0	120.6





#13

Acetone

Concen: 10.043 ug/L

RT: 2.621 min Scan# 412

Delta R.T. 0.006 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

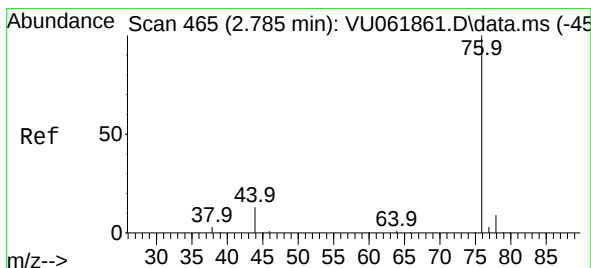
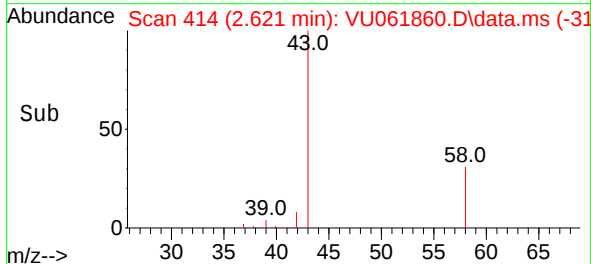
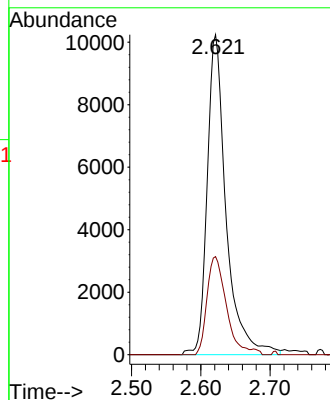
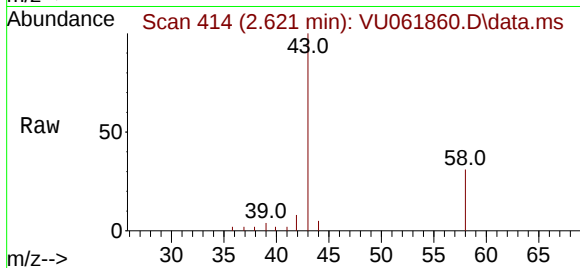
ClientSampleId :

Tgt Ion: 43 Resp: 19330

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.0



#14

Carbon disulfide

Concen: 1.074 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061860.D

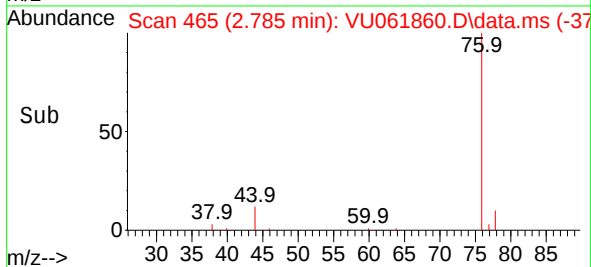
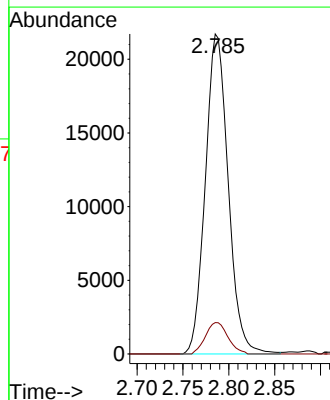
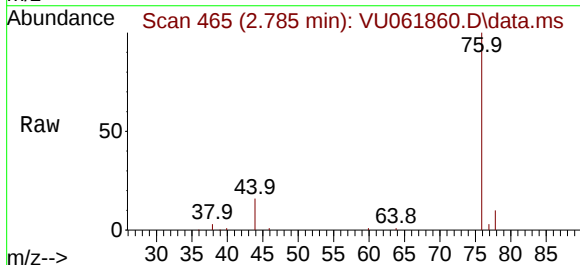
Acq: 20 Nov 2024 11:45

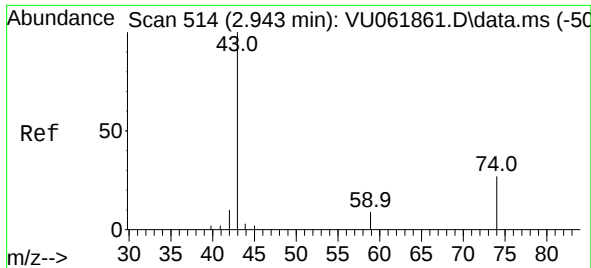
Tgt Ion: 76 Resp: 37632

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3





#15

Methyl Acetate

Concen: 0.965 ug/L

RT: 2.949 min Scan# 514

Delta R.T. 0.006 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

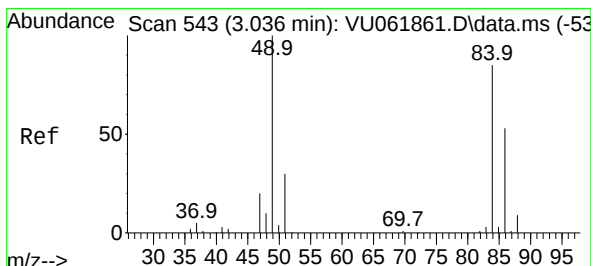
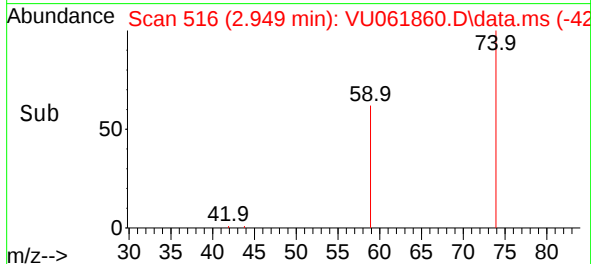
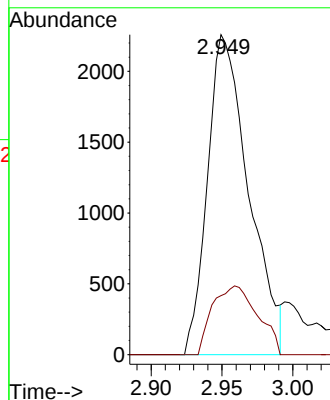
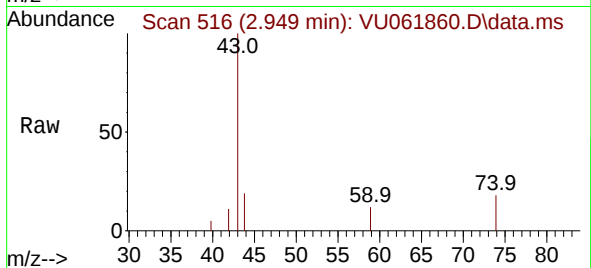
ClientSampleId :

Tgt Ion: 43 Resp: 4568

Ion Ratio Lower Upper

43 100

74 23.6 19.4 29.2



#16

Methylene chloride

Concen: 1.207 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

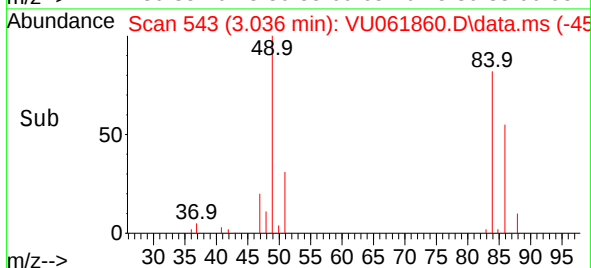
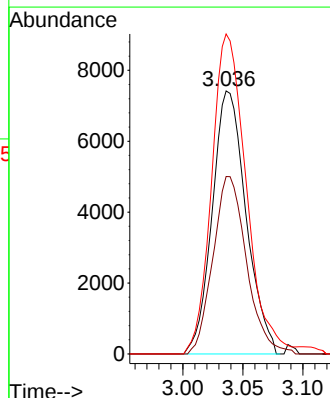
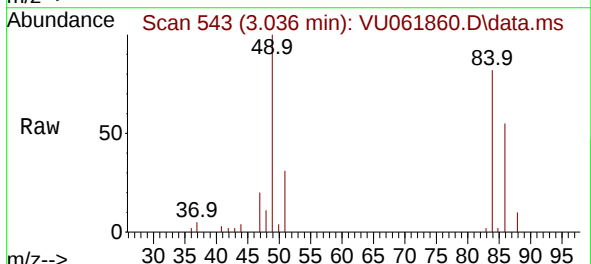
Tgt Ion: 84 Resp: 14535

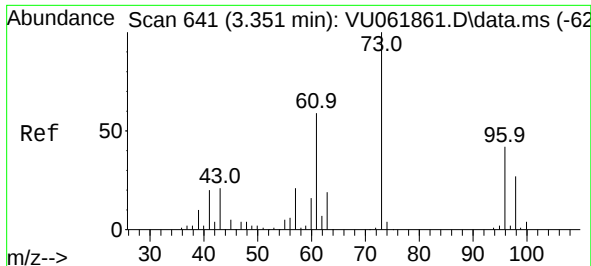
Ion Ratio Lower Upper

84 100

86 67.4 43.5 80.7

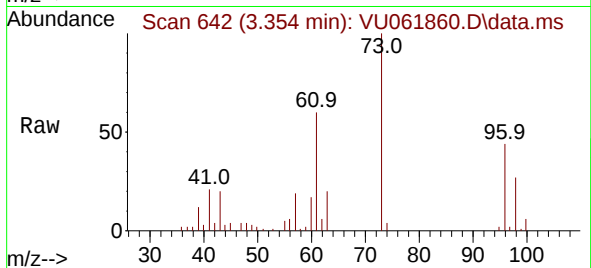
49 121.7 81.9 152.1



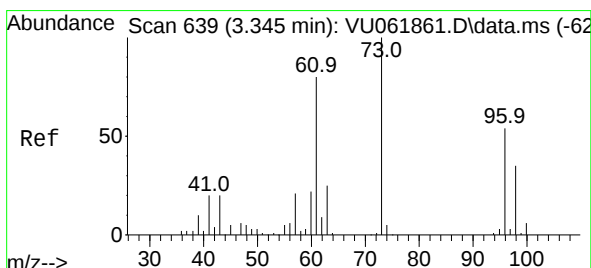
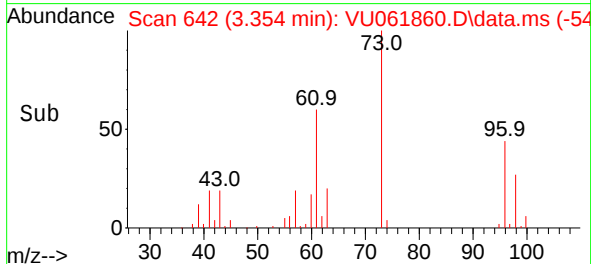
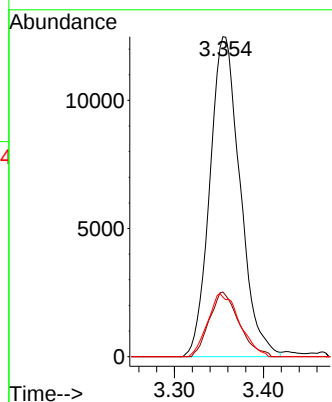


#17
Methyl tert-butyl Ether
Concen: 1.006 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

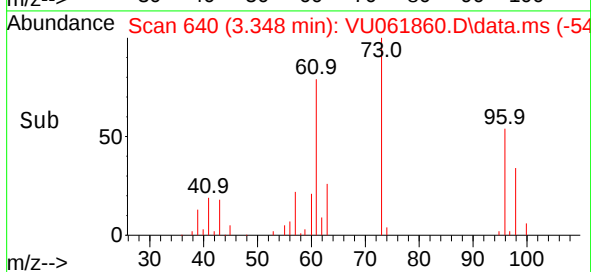
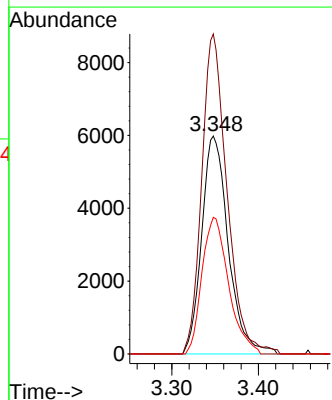
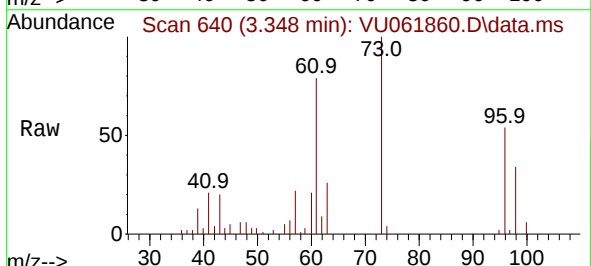


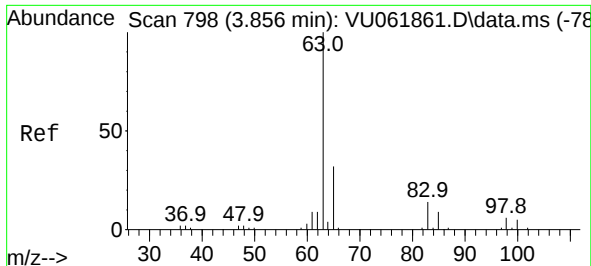
Tgt Ion: 73 Resp: 29437
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 1.116 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 96 Resp: 12746
Ion Ratio Lower Upper
96 100
61 146.8 104.2 193.4
98 62.7 45.7 84.9





#19

1,1-Dichloroethane

Concen: 1.093 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.006 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

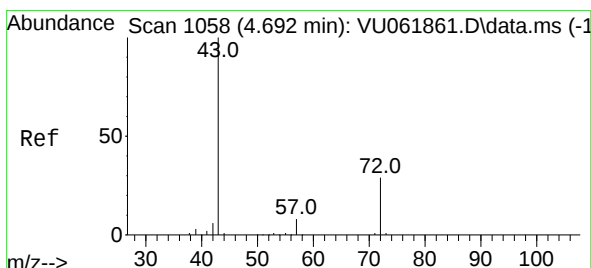
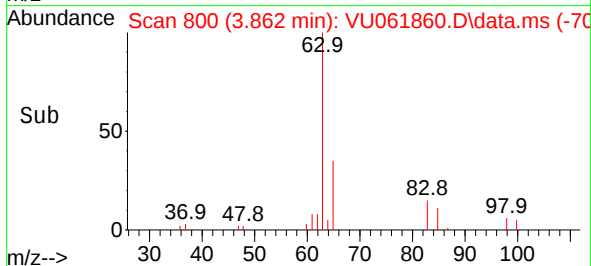
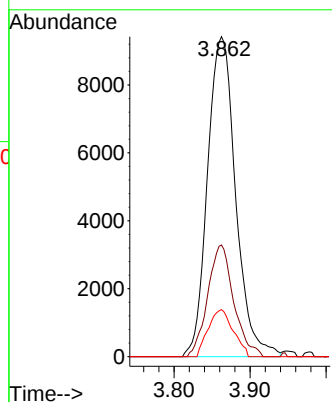
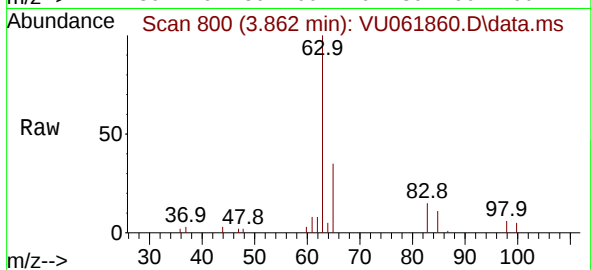
Tgt Ion: 63 Resp: 24232

Ion Ratio Lower Upper

63 100

65 34.9 22.7 42.3

83 14.7 9.9 18.3



#21

2-Butanone

Concen: 8.917 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.016 min

Lab File: VU061860.D

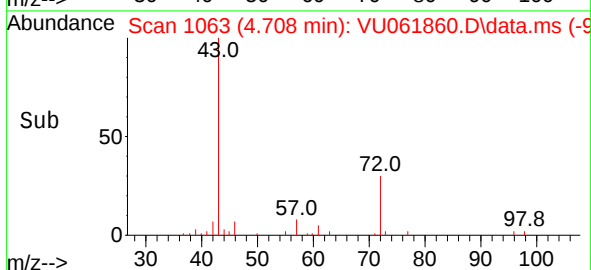
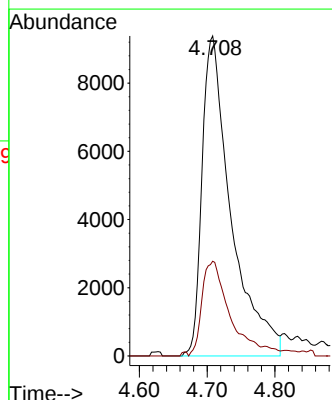
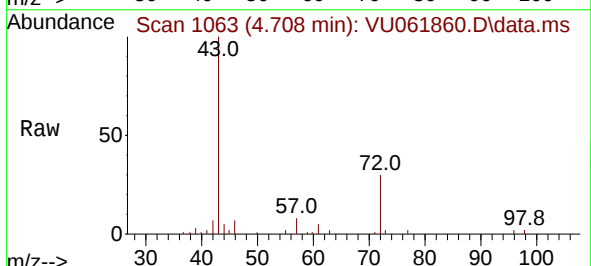
Acq: 20 Nov 2024 11:45

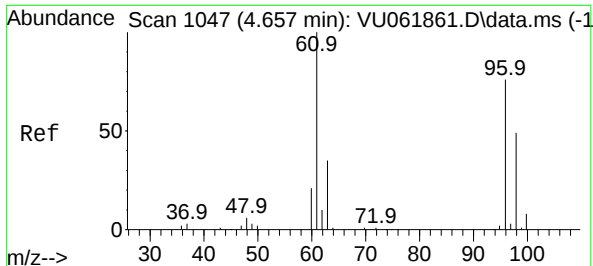
Tgt Ion: 43 Resp: 27906

Ion Ratio Lower Upper

43 100

72 27.6 14.8 44.4

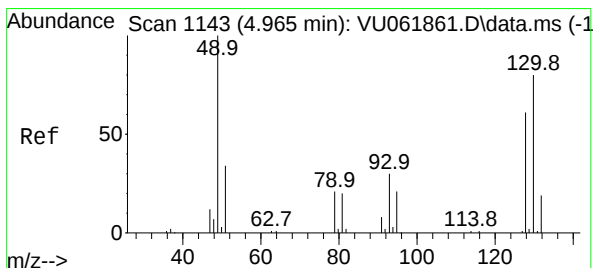
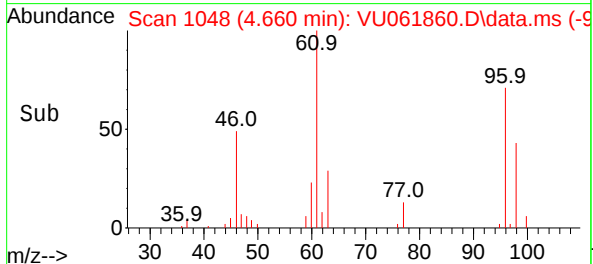
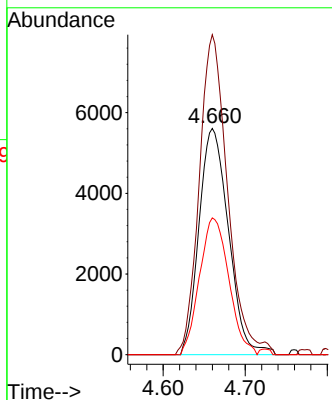
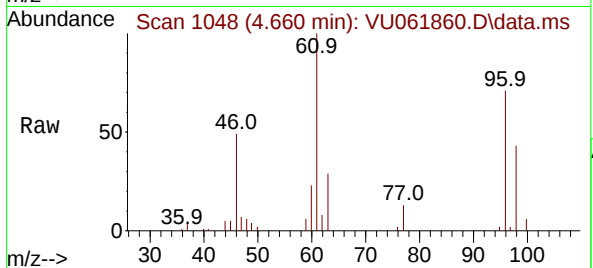




#22
 cis-1,2-Dichloroethene
 Concen: 1.102 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061860.D
 Acq: 20 Nov 2024 11:45

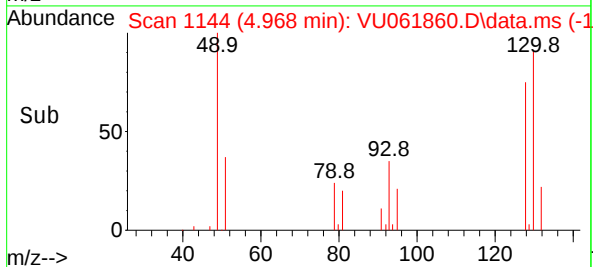
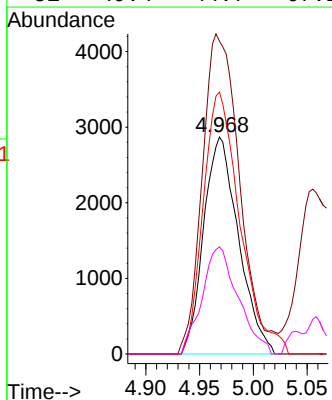
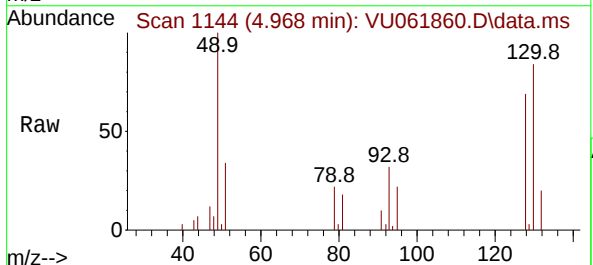
Instrument :
 MSVOA_U
 ClientSampleId :

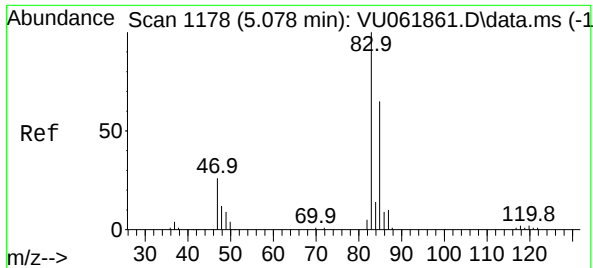
Tgt Ion: 96 Resp: 14018
 Ion Ratio Lower Upper
 96 100
 61 141.4 92.0 170.8
 98 60.5 44.5 82.7



#23
 Bromochloromethane
 Concen: 1.236 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU061860.D
 Acq: 20 Nov 2024 11:45

Tgt Ion: 128 Resp: 6468
 Ion Ratio Lower Upper
 128 100
 49 144.1 115.3 214.1
 130 120.7 92.0 170.8
 51 49.4 44.7 67.1

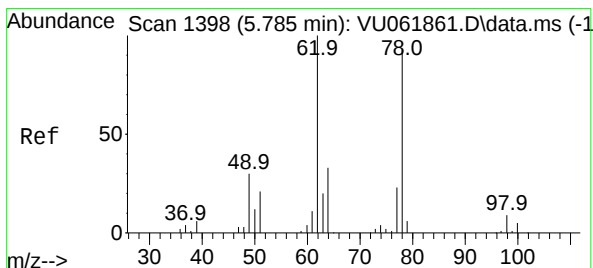
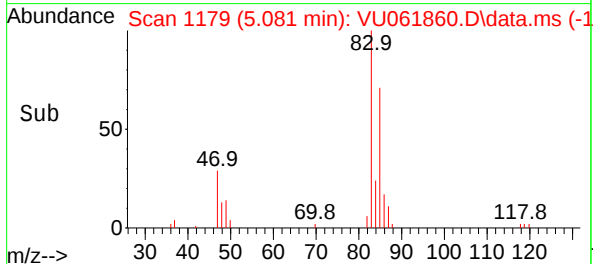
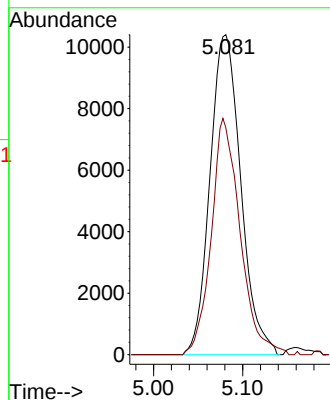
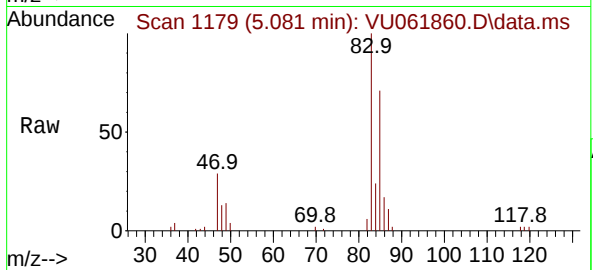




#25
Chloroform
Concen: 1.110 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

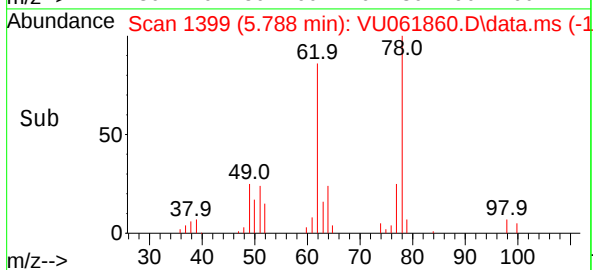
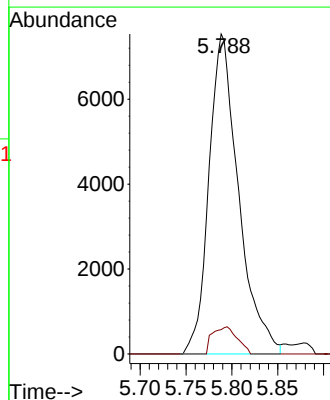
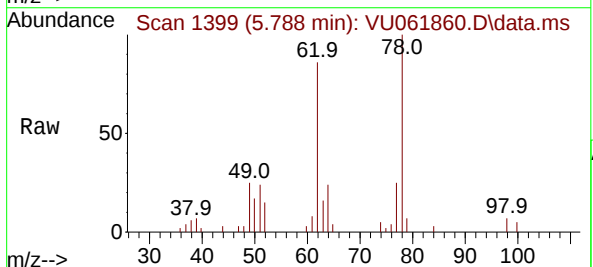
Instrument :
MSVOA_U
ClientSampleId :

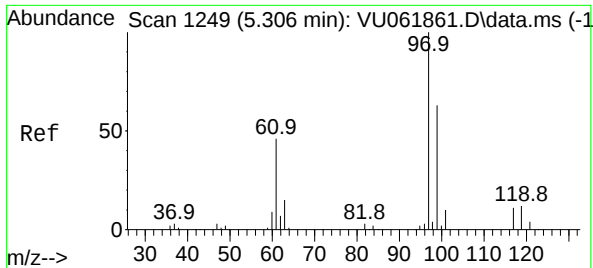
Tgt Ion: 83 Resp: 25006
Ion Ratio Lower Upper
83 100
85 70.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 1.155 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 62 Resp: 16939
Ion Ratio Lower Upper
62 100
98 7.6 7.4 11.0

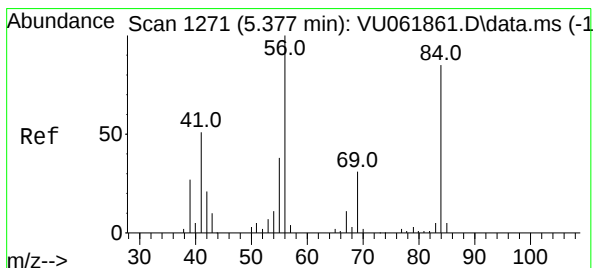
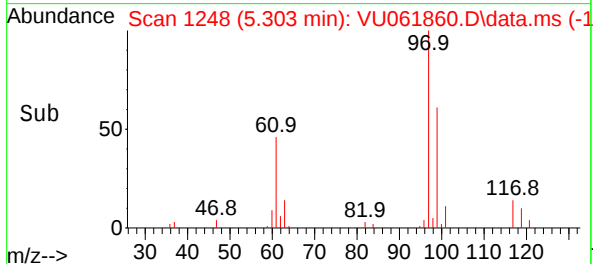
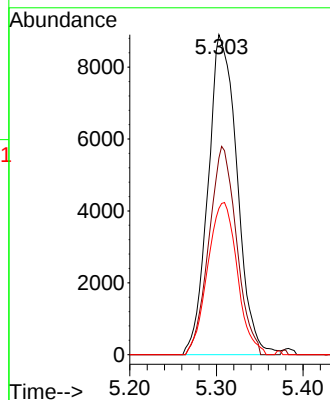
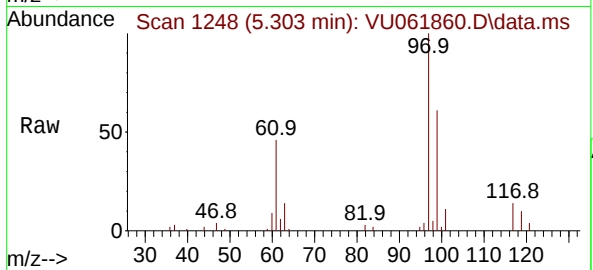




#29
1,1,1-Trichloroethane
Concen: 0.895 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

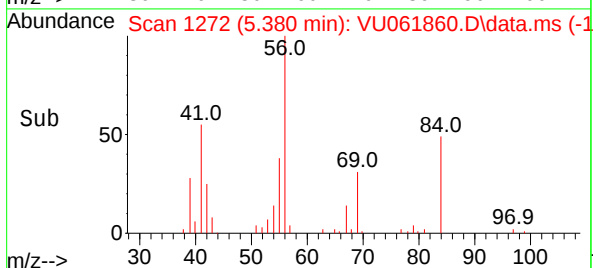
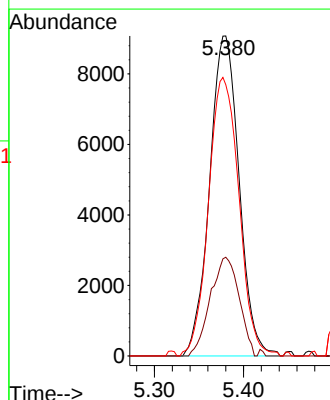
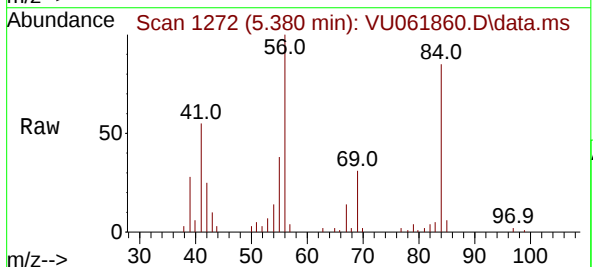
Instrument :
MSVOA_U
ClientSampleId :

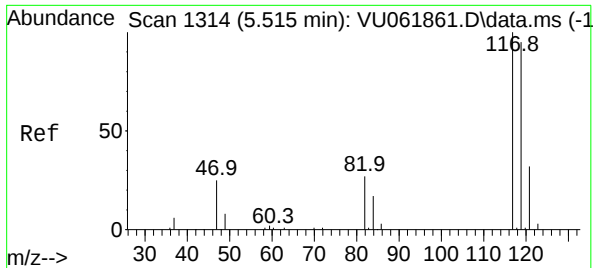
Tgt Ion: 97	Resp: 20732
Ion Ratio	Lower Upper
97	100
99	61.9 51.4 77.2
61	48.6 37.8 56.6



#30
Cyclohexane
Concen: 0.823 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 56	Resp: 20918
Ion Ratio	Lower Upper
56	100
69	30.1 25.1 37.7
84	89.8 70.6 105.8

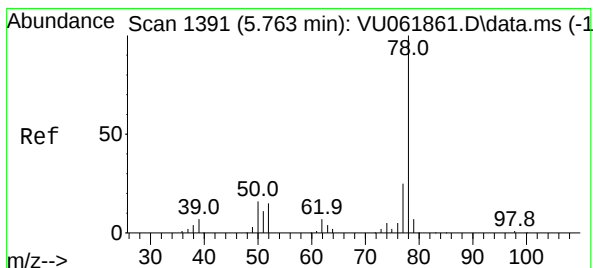
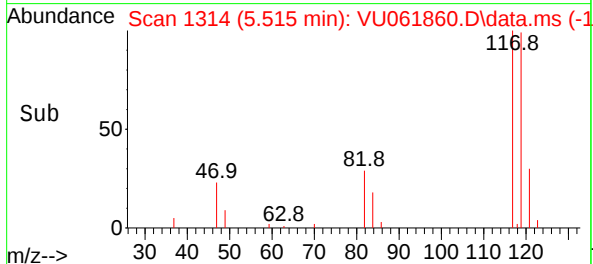
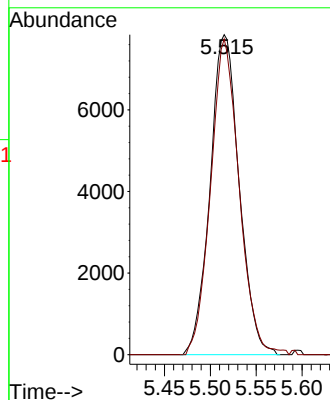
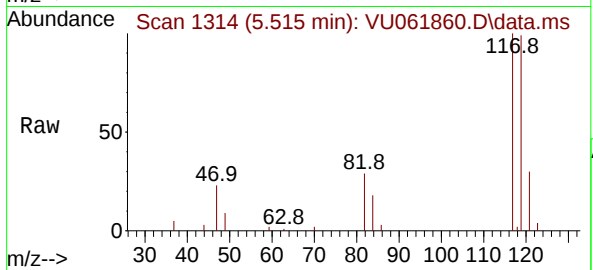




#31
Carbon tetrachloride
Concen: 0.888 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

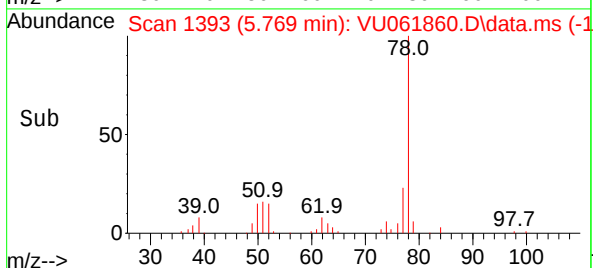
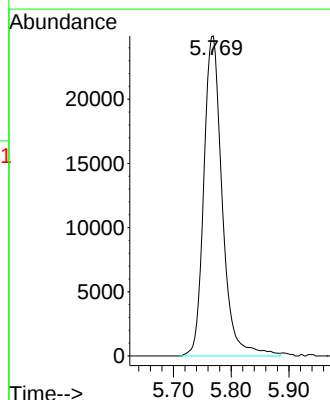
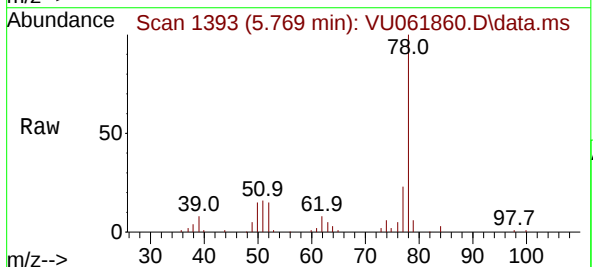
Instrument :
MSVOA_U
ClientSampleId :

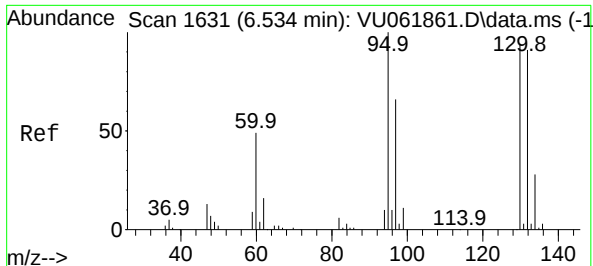
Tgt Ion:117 Resp: 17364
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3



#33
Benzene
Concen: 0.938 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 78 Resp: 55272





#34

Trichloroethene

Concen: 0.946 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 15150

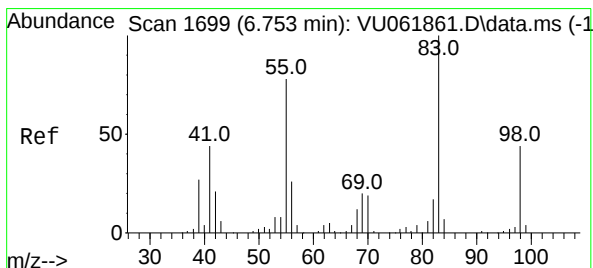
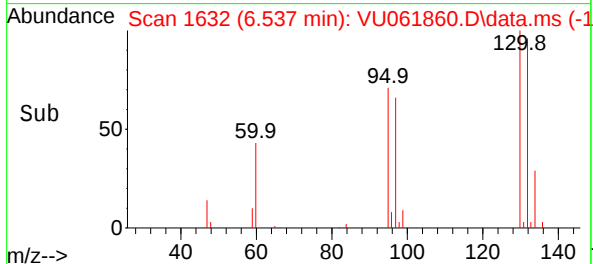
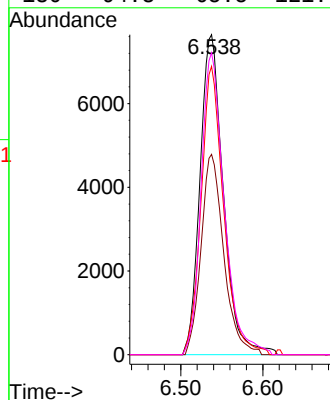
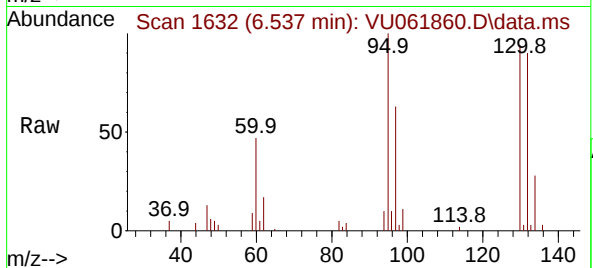
Ion Ratio Lower Upper

95 100

97 62.6 45.9 85.3

132 90.1 63.8 118.4

130 94.3 65.5 121.7



#35

Methylcyclohexane

Concen: 0.839 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

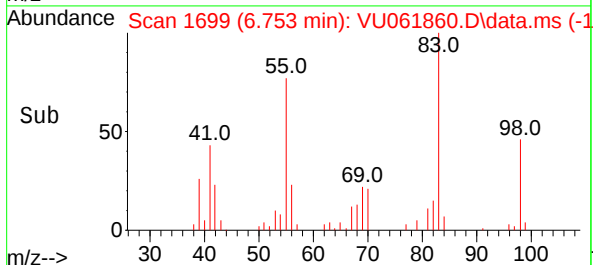
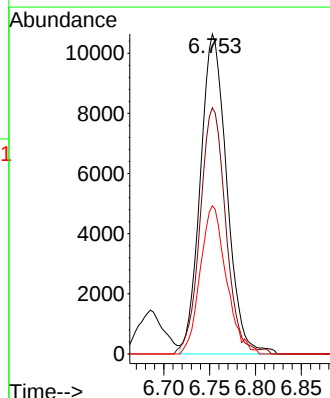
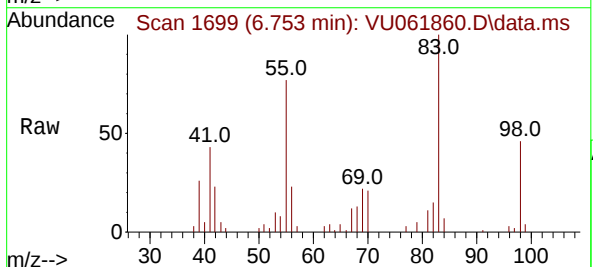
Tgt Ion: 83 Resp: 21349

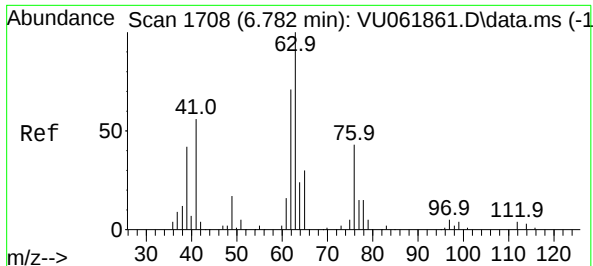
Ion Ratio Lower Upper

83 100

55 74.6 60.7 91.1

98 45.4 34.8 52.2

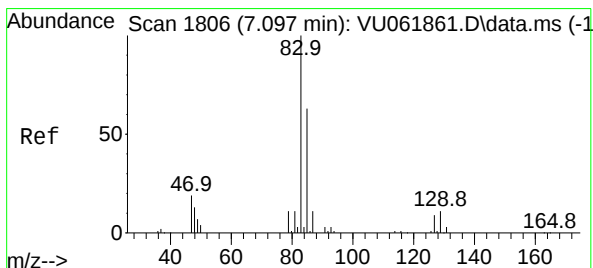
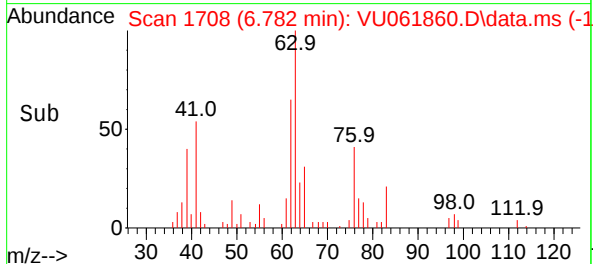
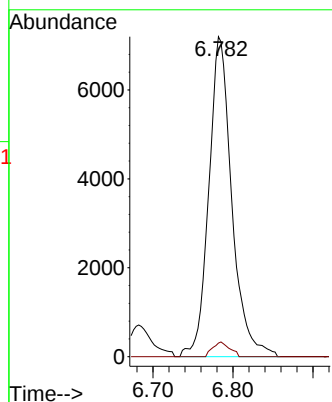
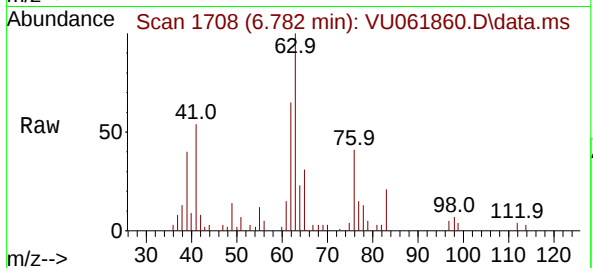




#37
1,2-Dichloropropane
Concen: 0.932 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

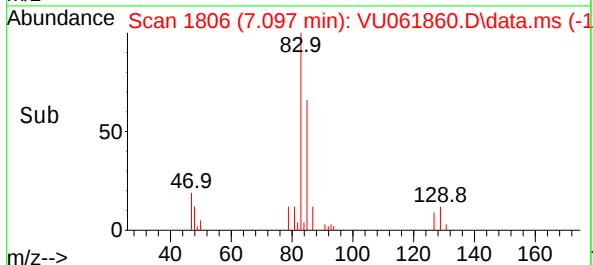
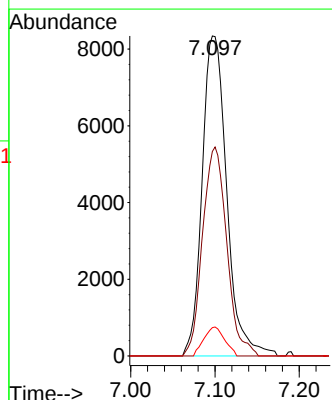
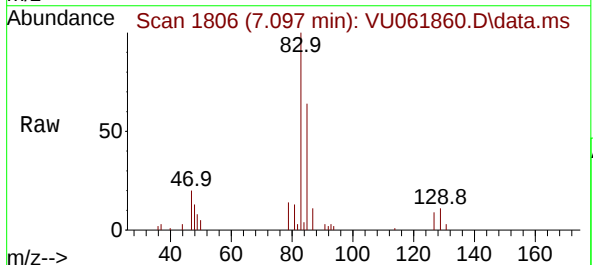
Instrument :
MSVOA_U
ClientSampleId :

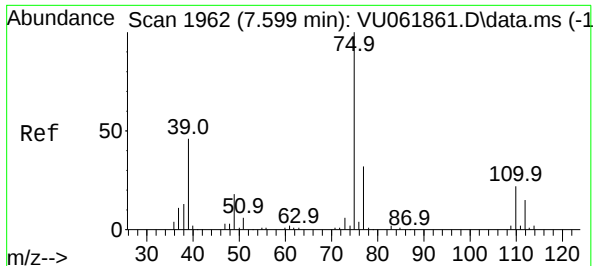
Tgt Ion: 63 Resp: 14404
Ion Ratio Lower Upper
63 100
112 3.4 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.877 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 83 Resp: 16954
Ion Ratio Lower Upper
83 100
85 63.9 44.1 81.9
127 8.9 6.9 10.3

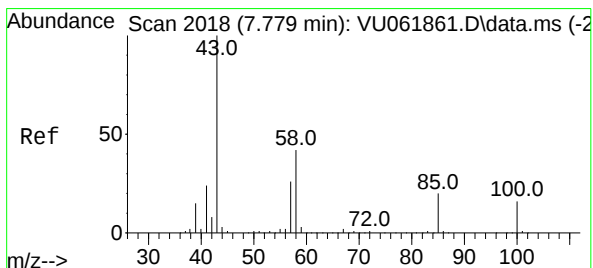
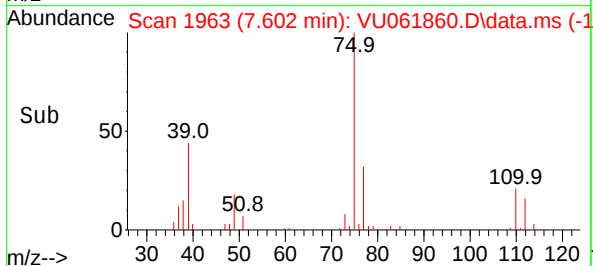
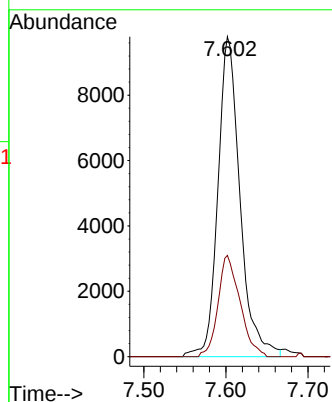
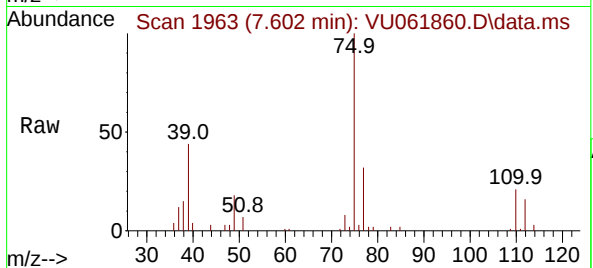




#39
cis-1,3-Dichloropropene
Concen: 0.773 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

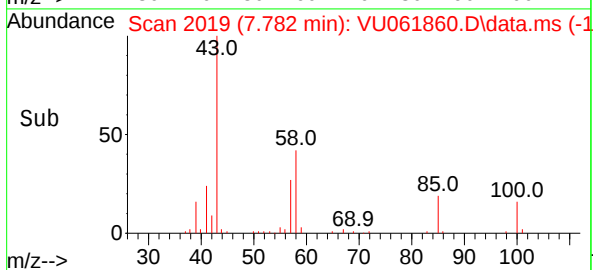
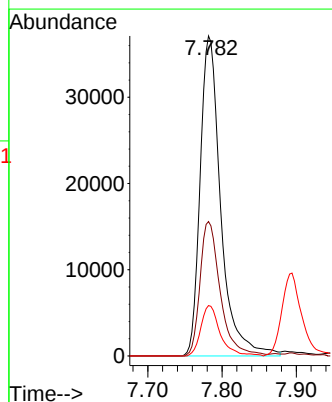
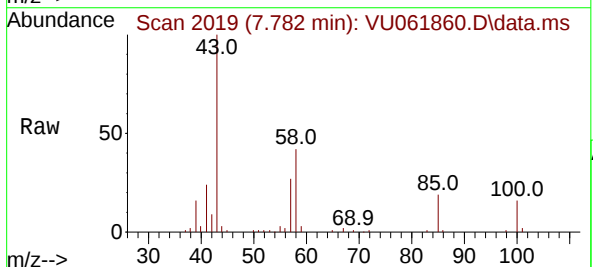
Instrument :
MSVOA_U
ClientSampleId :

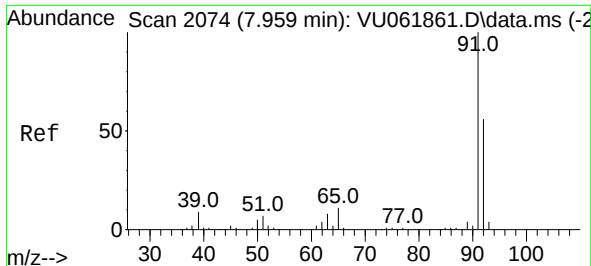
Tgt Ion: 75 Resp: 18334
Ion Ratio Lower Upper
75 100
77 31.7 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 7.503 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 43 Resp: 71605
Ion Ratio Lower Upper
43 100
58 41.3 33.3 49.9
100 14.8 12.4 18.6





#42

Toluene

Concen: 0.889 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

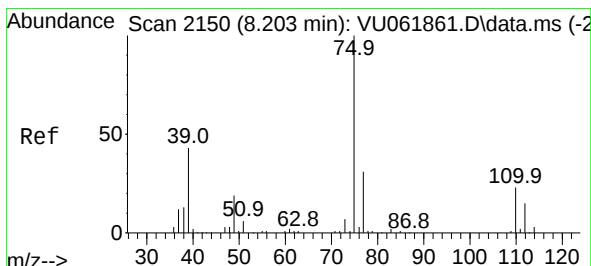
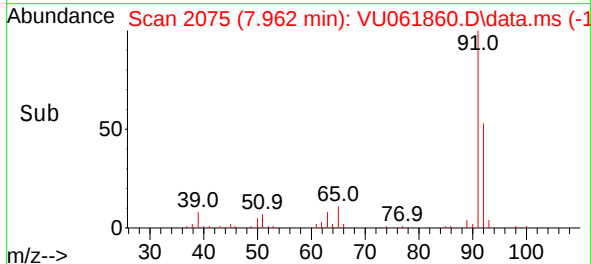
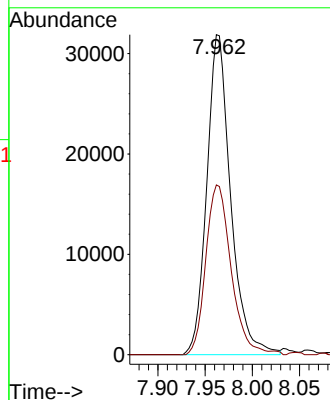
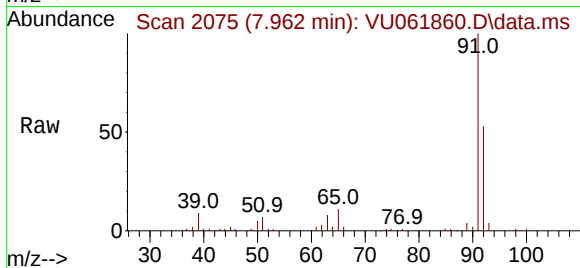
ClientSampleId :

Tgt Ion: 91 Resp: 56055

Ion Ratio Lower Upper

91 100

92 53.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU061860.D

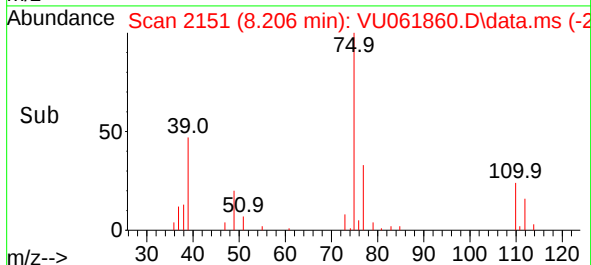
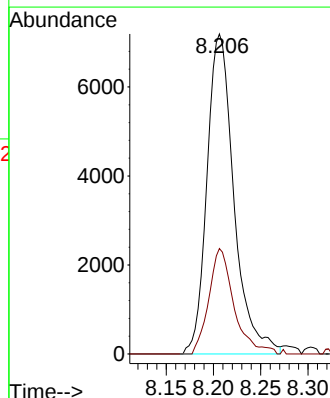
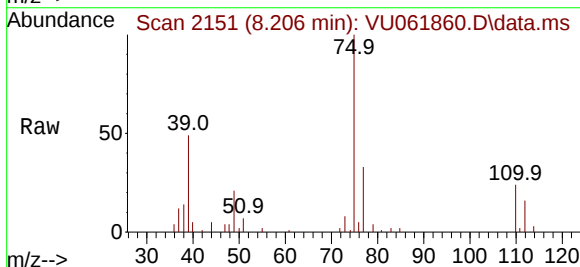
Acq: 20 Nov 2024 11:45

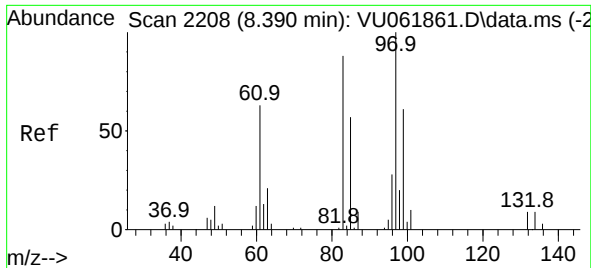
Tgt Ion: 75 Resp: 14269

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.4

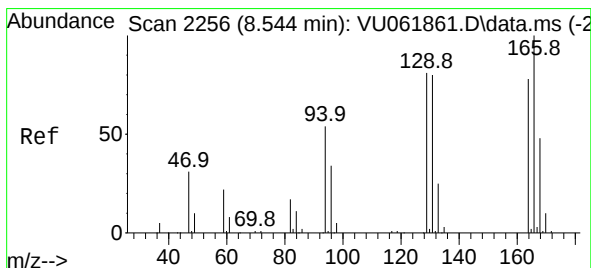
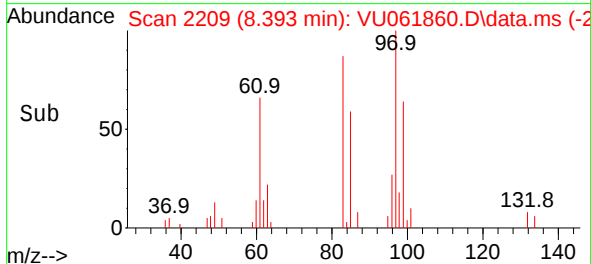
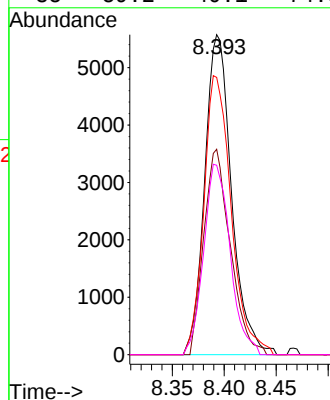
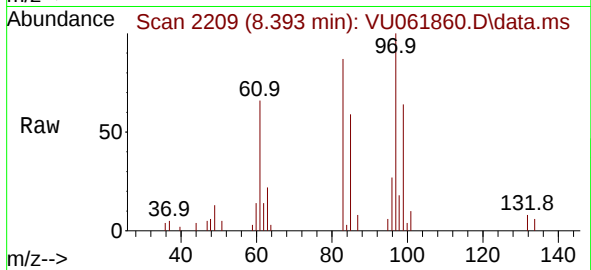




#45
1,1,2-Trichloroethane
Concen: 0.952 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

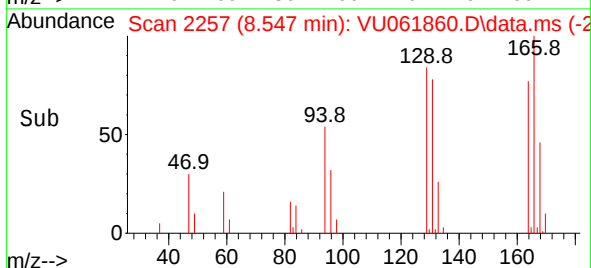
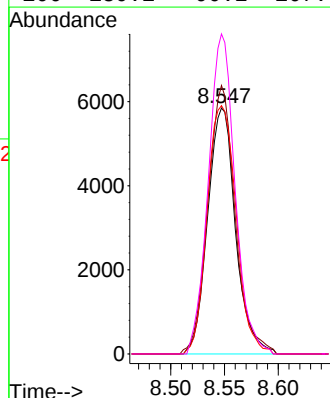
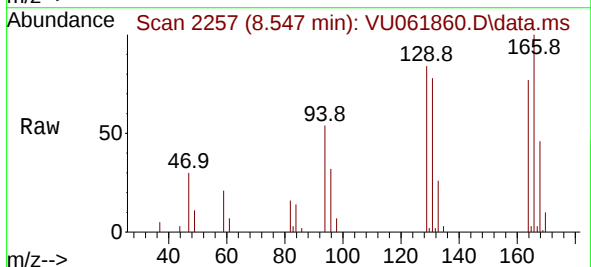
Instrument :
MSVOA_U
ClientSampleId :

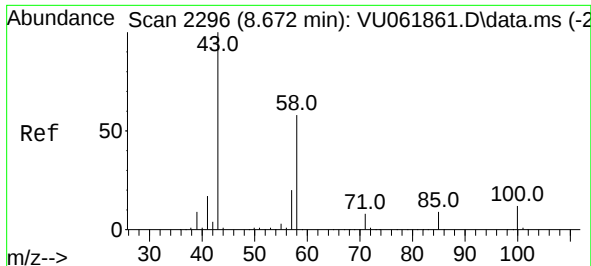
Tgt Ion:	97	Resp:	10031
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.0	79.8
83	86.7	61.7	114.5
85	59.2	40.1	74.5



#47
Tetrachloroethene
Concen: 0.996 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion:	164	Resp:	10521
Ion	Ratio	Lower	Upper
164	100		
129	109.1	73.2	136.0
131	100.9	72.3	134.3
166	130.1	90.2	167.4



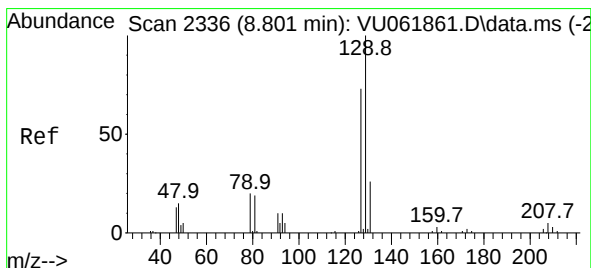
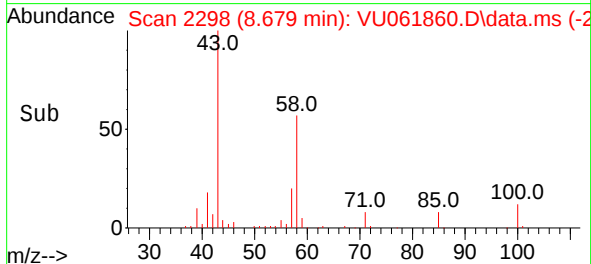
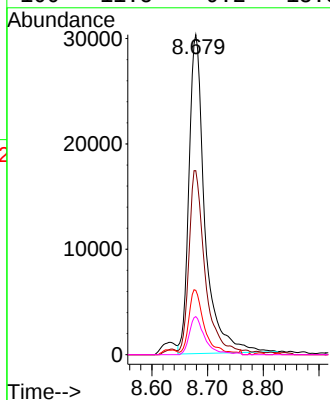
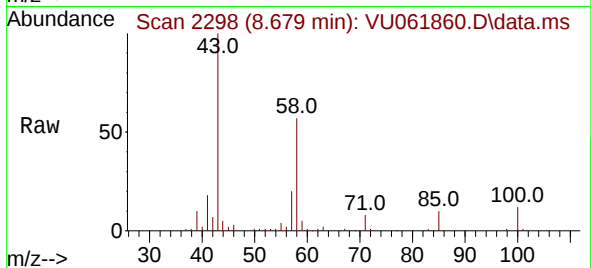


#48
2-Hexanone
Concen: 9.099 ug/L
RT: 8.679 min Scan# 2296
Delta R.T. 0.006 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 60246

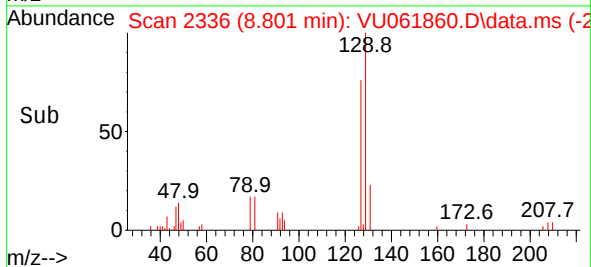
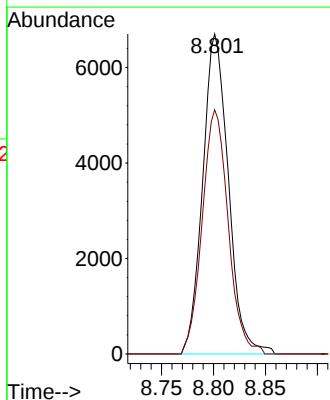
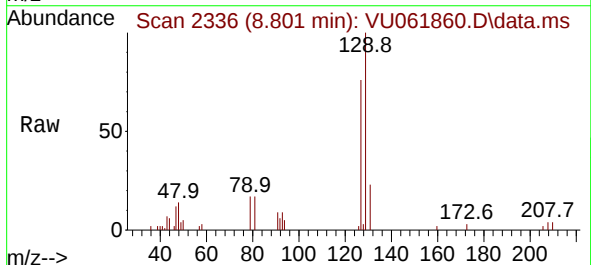
Ion	Ratio	Lower	Upper
43	100		
58	55.6	47.5	71.3
57	18.3	15.6	23.4
100	11.5	9.2	13.8

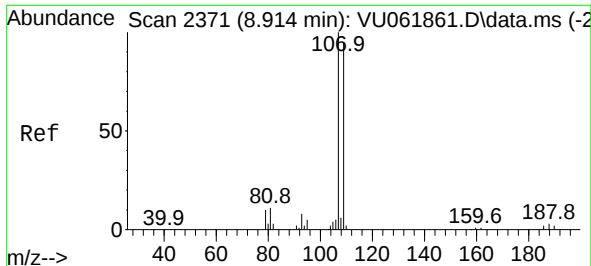


#49
Dibromochloromethane
Concen: 0.974 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion: 129 Resp: 11527

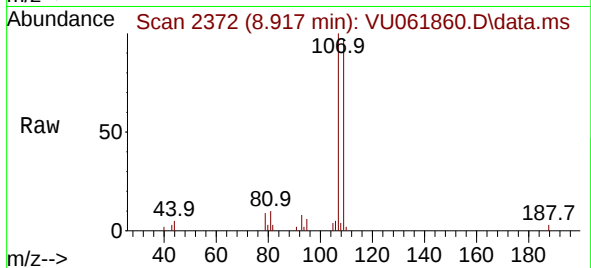
Ion	Ratio	Lower	Upper
129	100		
127	76.3	51.1	94.9



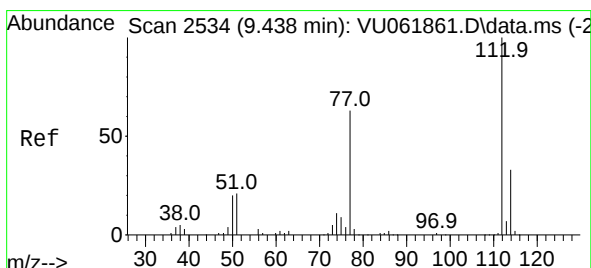
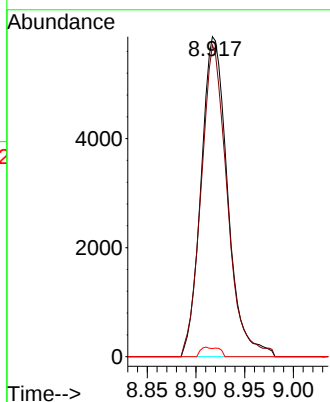
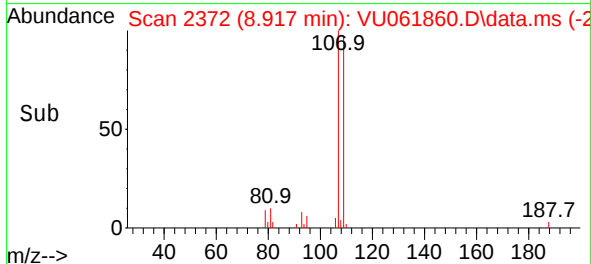


#50
1,2-Dibromoethane
Concen: 1.129 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

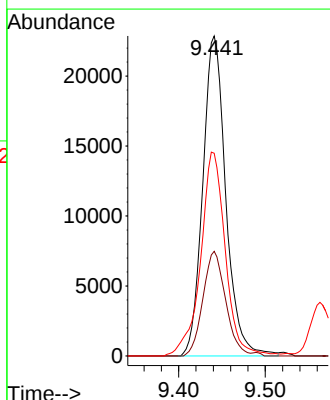
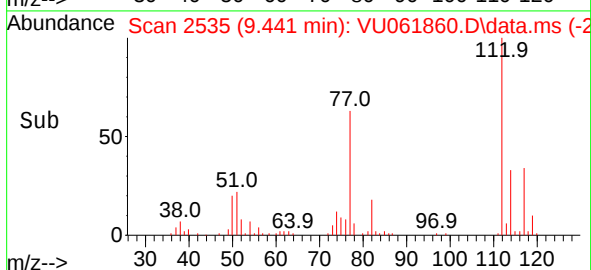
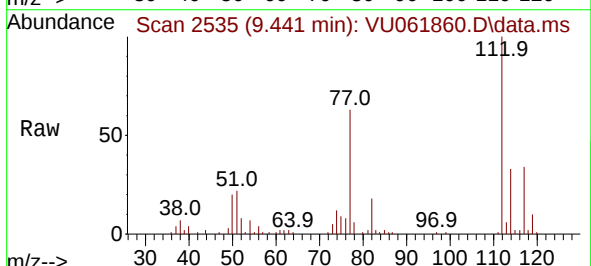


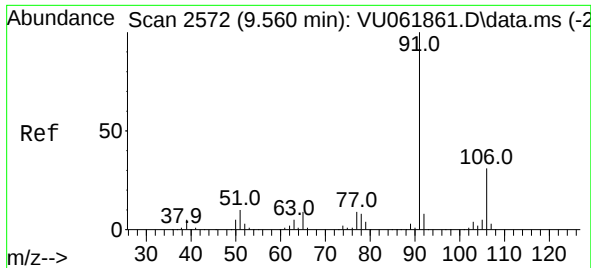
Tgt Ion:107 Resp: 11096
Ion Ratio Lower Upper
107 100
109 97.4 66.8 124.2
188 2.5 2.3 3.5



#51
Chlorobenzene
Concen: 1.103 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion:112 Resp: 42299
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.6
77 63.4 50.5 75.7





#52

Ethylbenzene

Concen: 1.022 ug/L

RT: 9.563 min Scan# 2572

Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

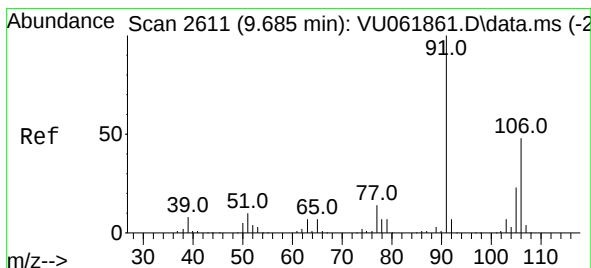
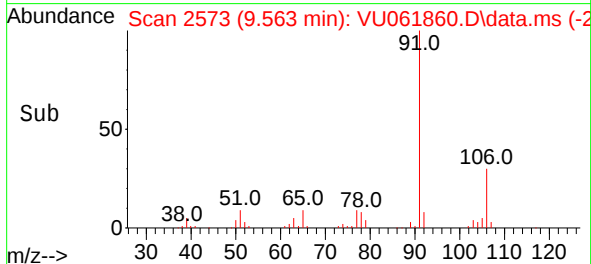
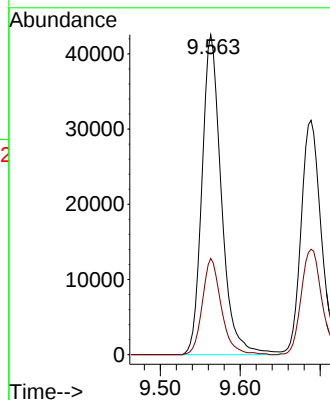
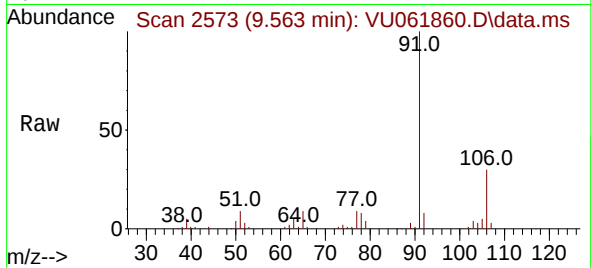
ClientSampleId :

Tgt Ion: 91 Resp: 72063

Ion Ratio Lower Upper

91 100

106 30.1 21.6 40.0



#53

m,p-Xylene

Concen: 0.994 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU061860.D

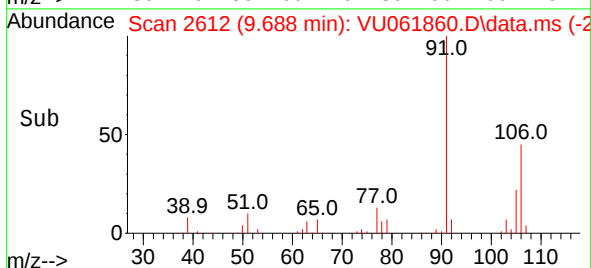
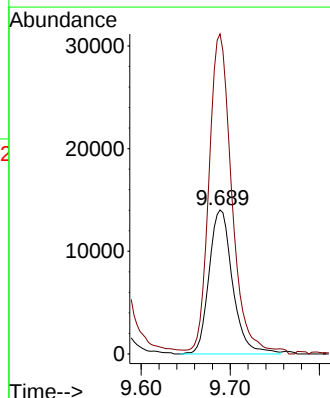
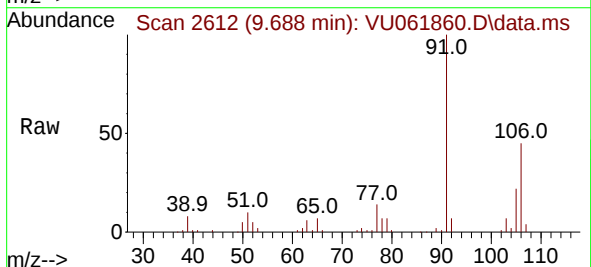
Acq: 20 Nov 2024 11:45

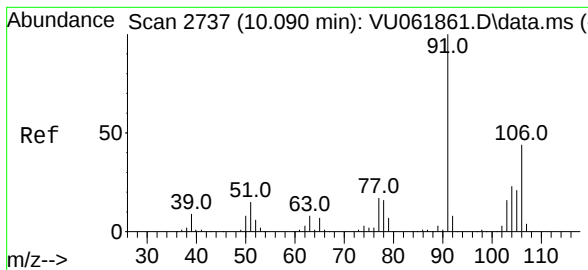
Tgt Ion:106 Resp: 25731

Ion Ratio Lower Upper

106 100

91 222.2 147.6 274.0

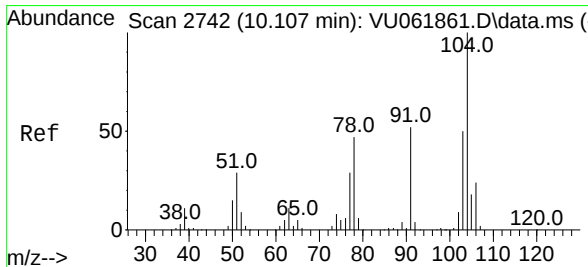
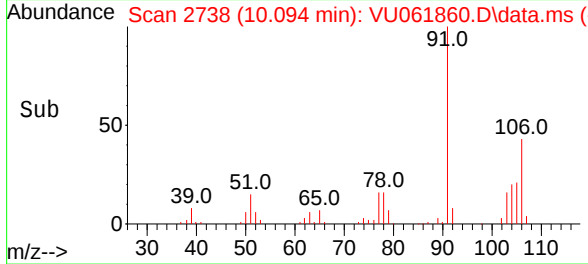
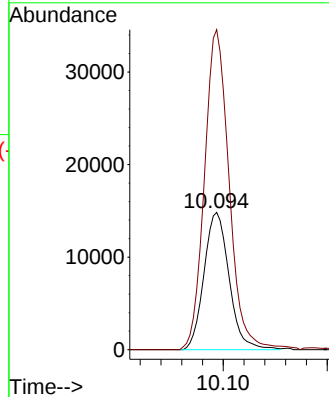
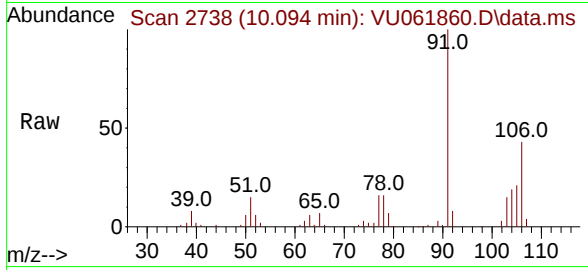




#54
o-Xylene
Concen: 0.985 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

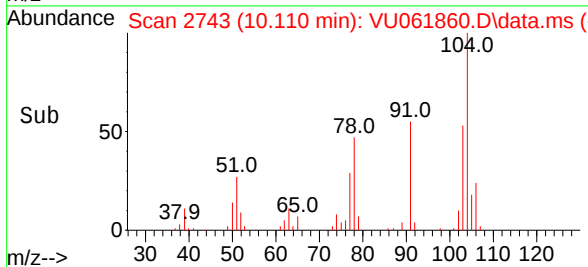
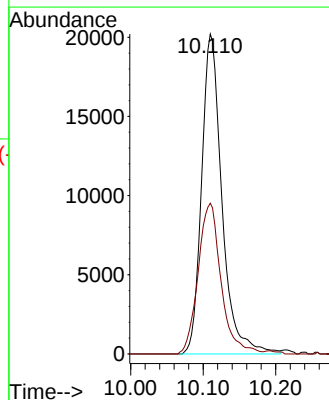
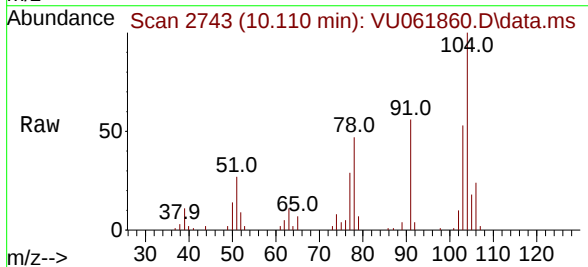
Instrument :
MSVOA_U
ClientSampleId :

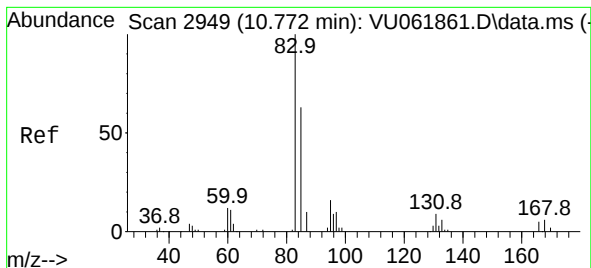
Tgt Ion:106 Resp: 24924
Ion Ratio Lower Upper
106 100
91 233.2 159.8 296.8



#55
Styrene
Concen: 0.960 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion:104 Resp: 39413
Ion Ratio Lower Upper
104 100
78 47.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.919 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

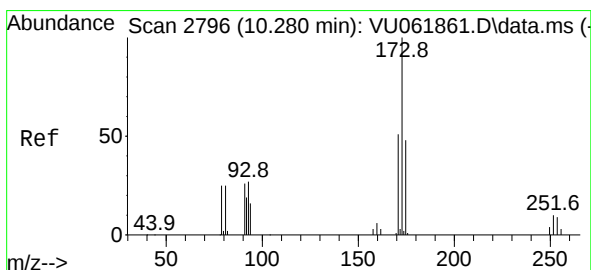
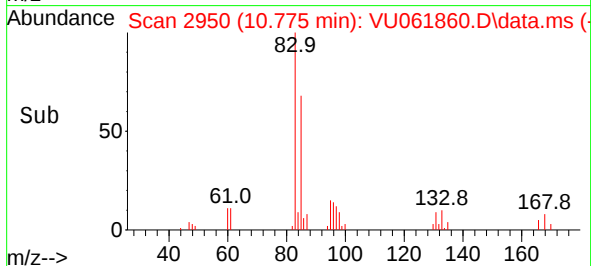
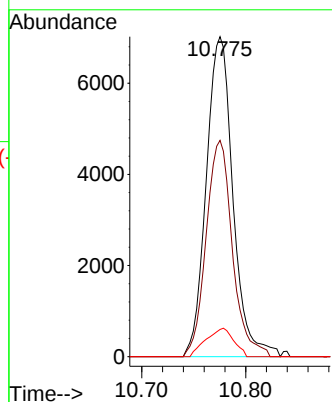
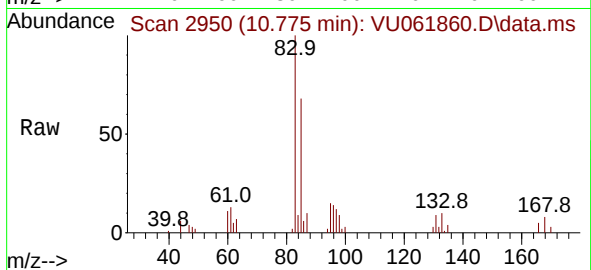
Tgt Ion: 83 Resp: 12512

Ion Ratio Lower Upper

83 100

85 67.6 44.4 82.4

131 8.5 7.3 10.9



#59

Bromoform

Concen: 1.170 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

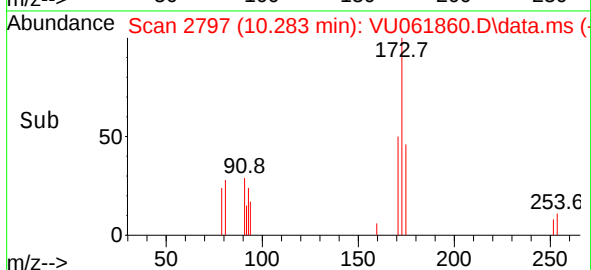
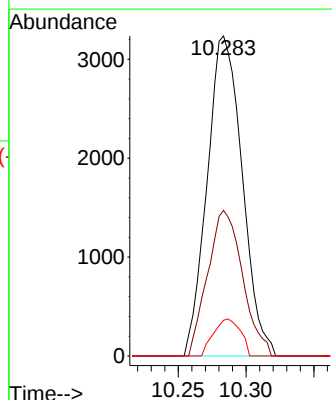
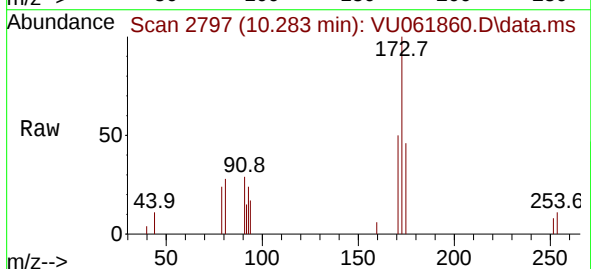
Tgt Ion:173 Resp: 5811

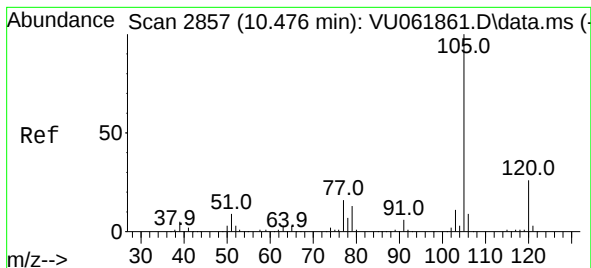
Ion Ratio Lower Upper

173 100

175 45.3 39.0 58.4

254 8.9 7.4 11.0





#60

Isopropylbenzene

Concen: 1.160 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU061860.D

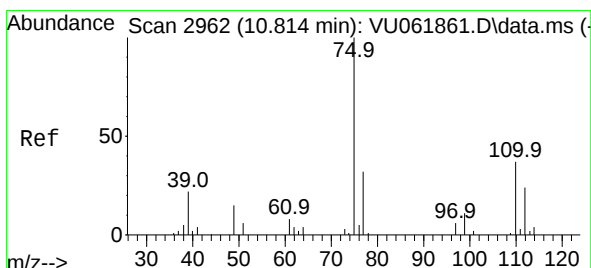
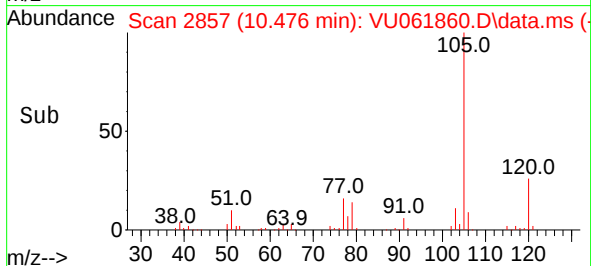
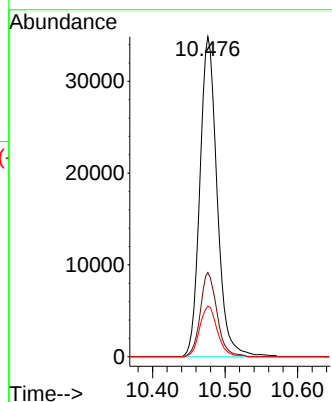
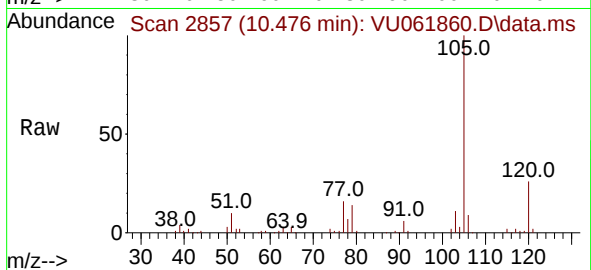
Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	57587
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.6	31.0
77	16.1	13.0	19.6



#61

1,2,3-Trichloropropane

Concen: 1.290 ug/L

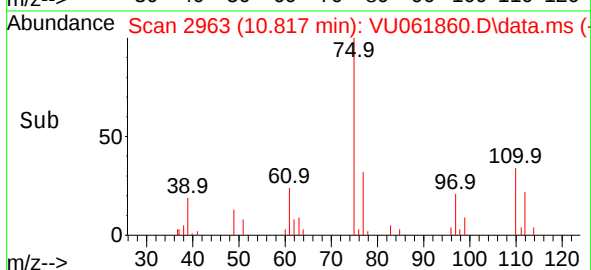
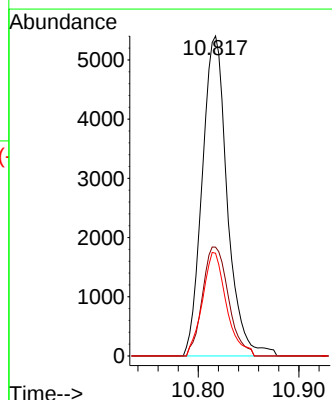
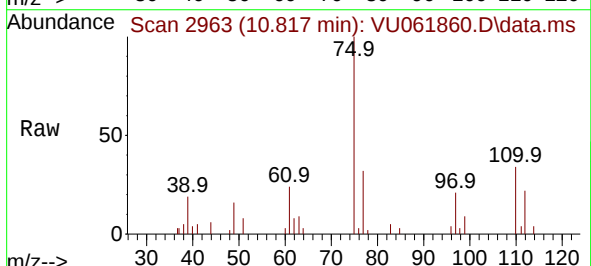
RT: 10.817 min Scan# 2963

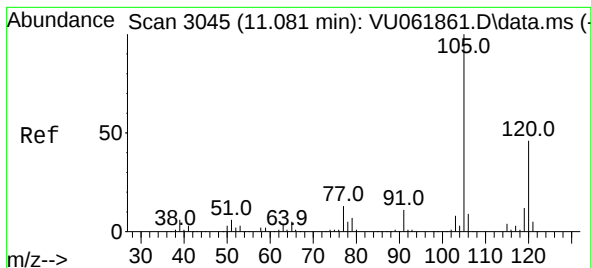
Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Tgt Ion:	75	Resp:	9352
Ion Ratio	Lower	Upper	
75	100		
110	35.2	28.9	43.3
77	30.9	26.5	39.7





#62

1,3,5-Trimethylbenzene

Concen: 1.079 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

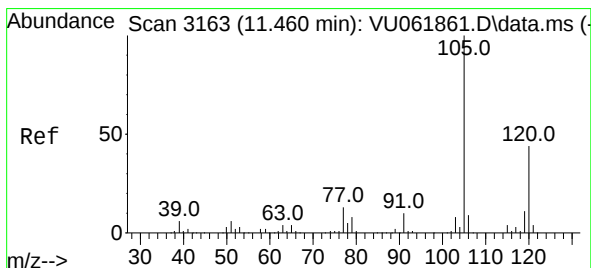
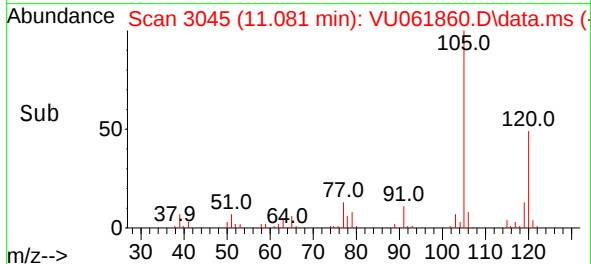
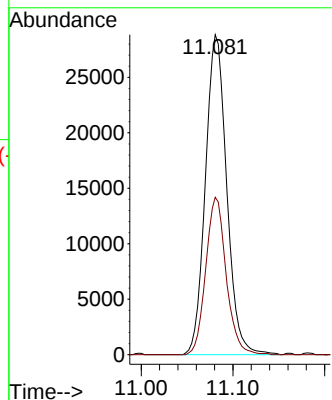
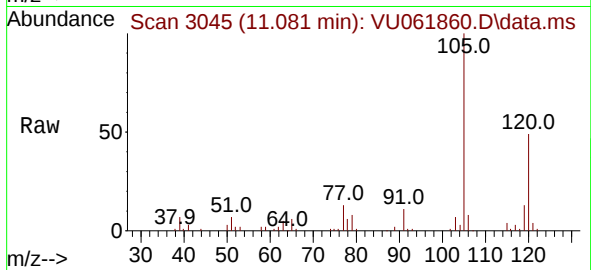
ClientSampleId :

Tgt Ion:105 Resp: 46496

Ion Ratio Lower Upper

105 100

120 47.2 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 1.094 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU061860.D

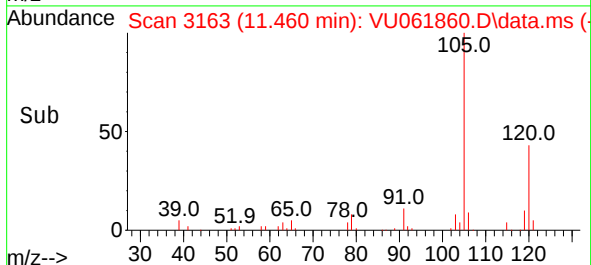
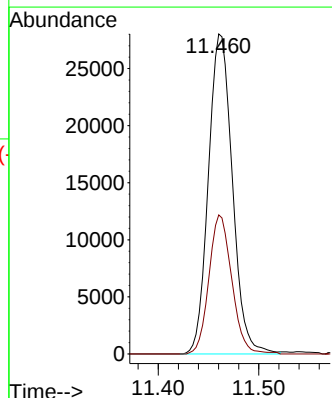
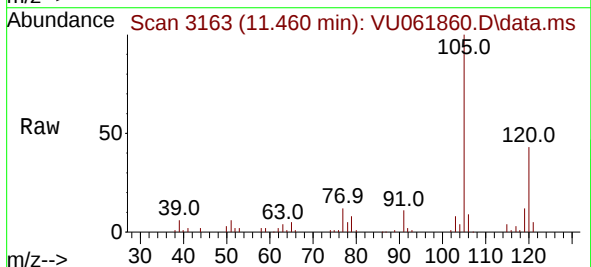
Acq: 20 Nov 2024 11:45

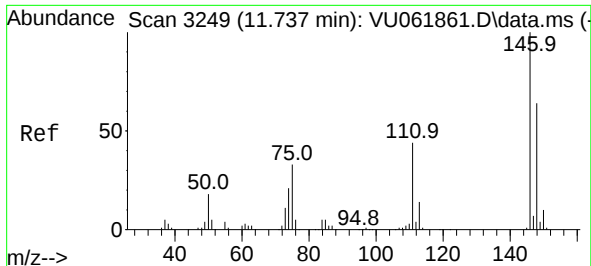
Tgt Ion:105 Resp: 46496

Ion Ratio Lower Upper

105 100

120 41.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 1.330 ug/L

RT: 11.740 min Scan# 3249

Delta R.T. 0.003 min

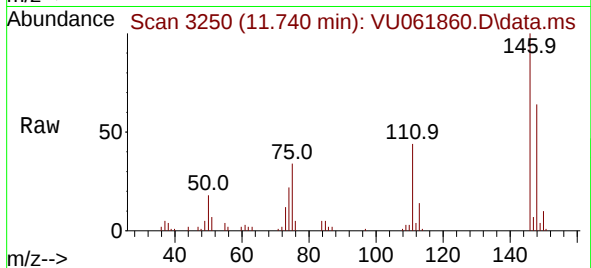
Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :



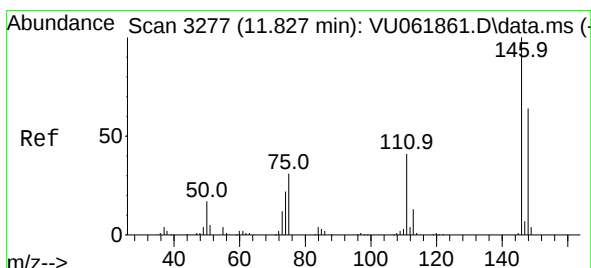
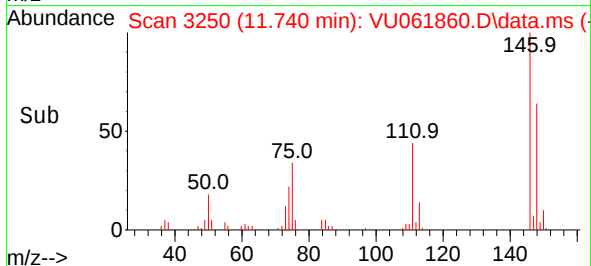
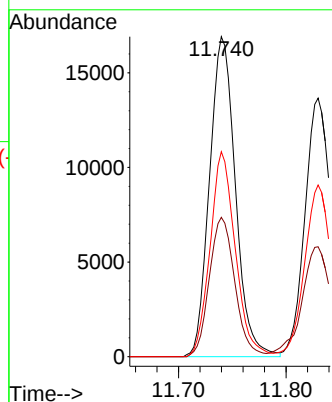
Tgt Ion:146 Resp: 28302

Ion Ratio Lower Upper

146 100

111 43.6 30.7 57.1

148 64.0 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 1.164 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

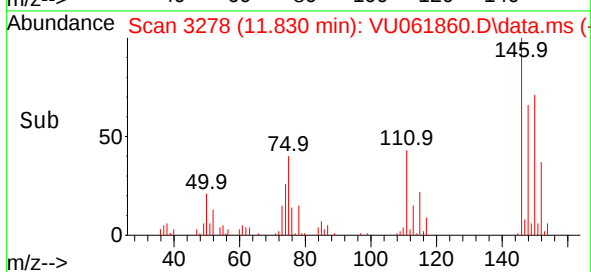
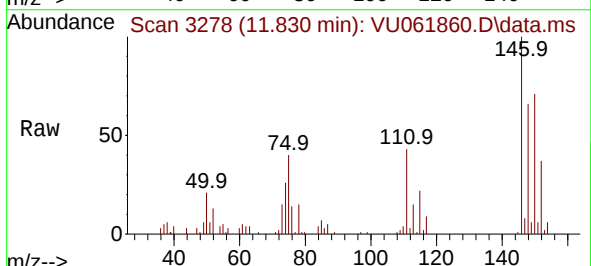
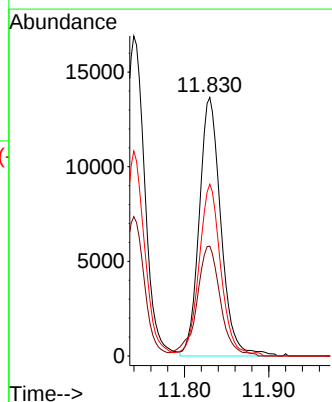
Tgt Ion:146 Resp: 24477

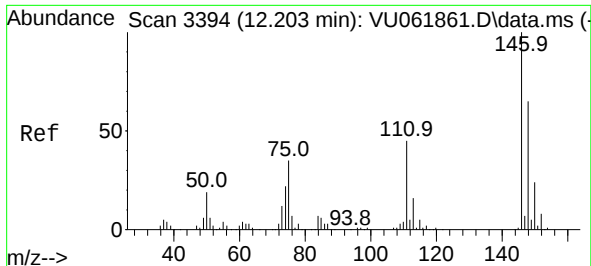
Ion Ratio Lower Upper

146 100

111 42.5 29.3 54.3

148 66.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 1.195 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

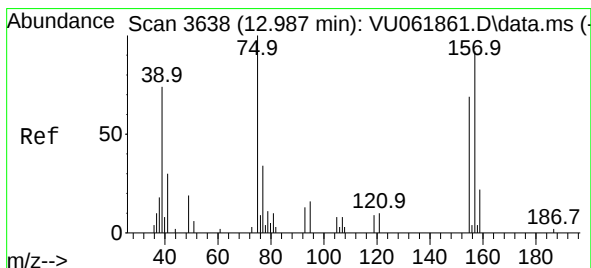
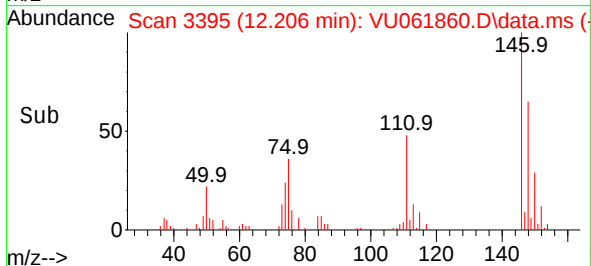
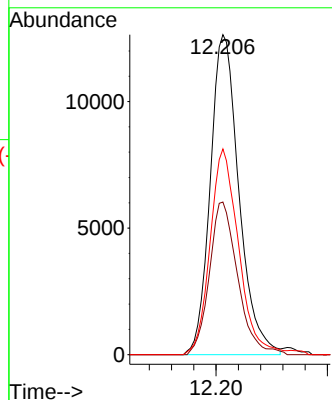
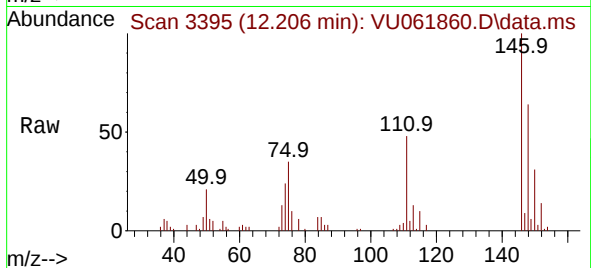
Tgt Ion:146 Resp: 22583

Ion Ratio Lower Upper

146 100

111 47.7 36.0 54.0

148 64.3 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 1.050 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

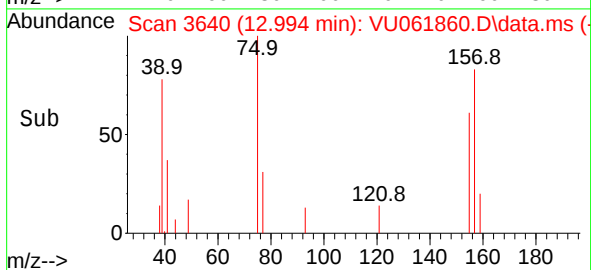
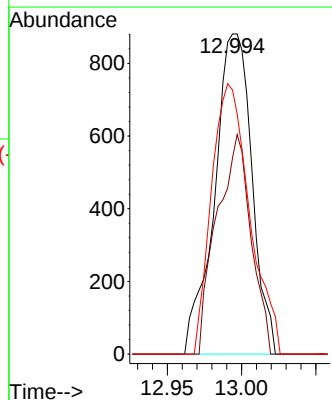
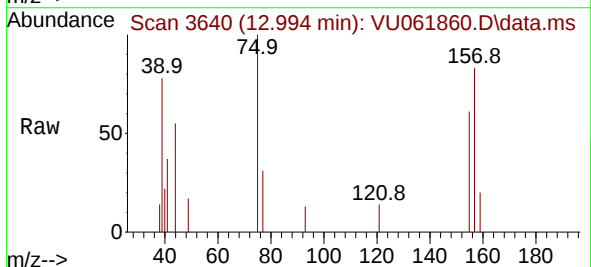
Tgt Ion: 75 Resp: 1545

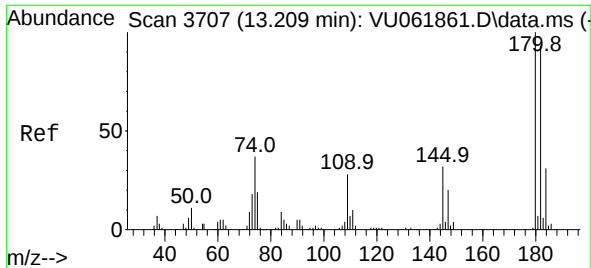
Ion Ratio Lower Upper

75 100

155 61.3 55.2 82.8

157 82.5 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 1.075 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.006 min

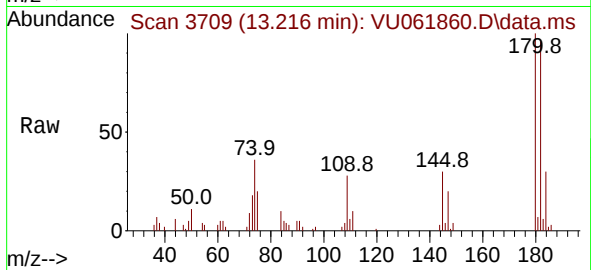
Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 15205

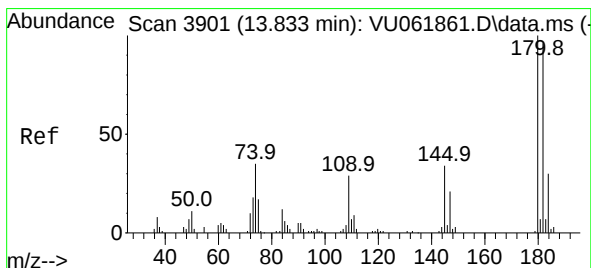
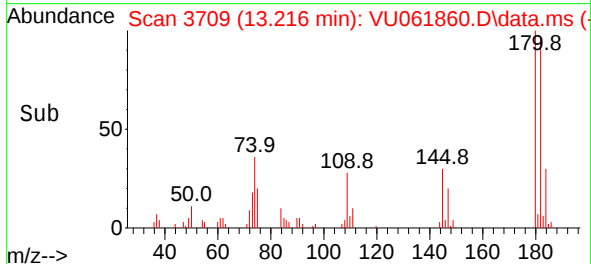
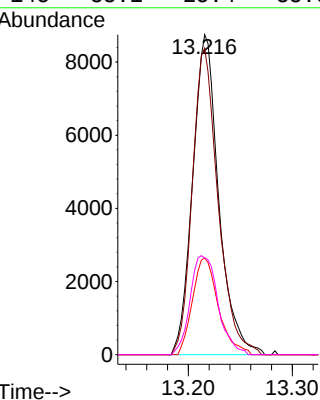
Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

184 30.0 24.8 37.2

145 33.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.946 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU061860.D

Acq: 20 Nov 2024 11:45

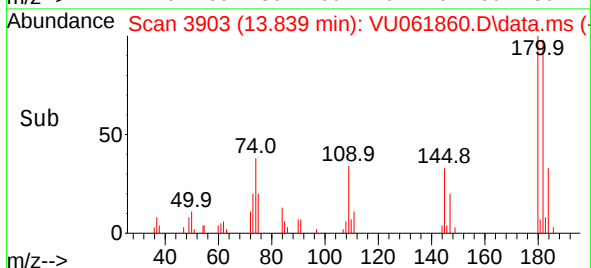
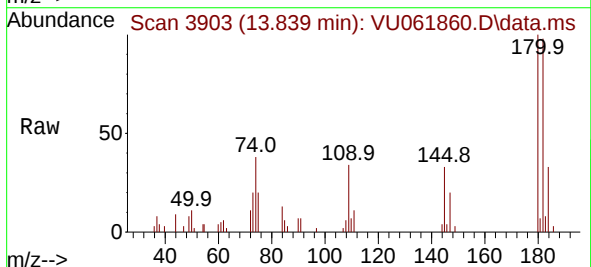
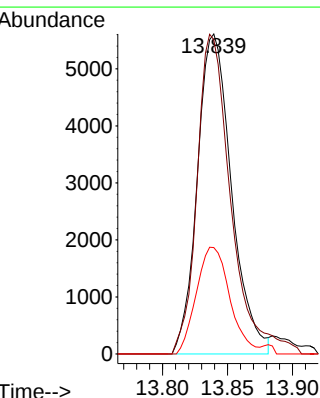
Tgt Ion:180 Resp: 10271

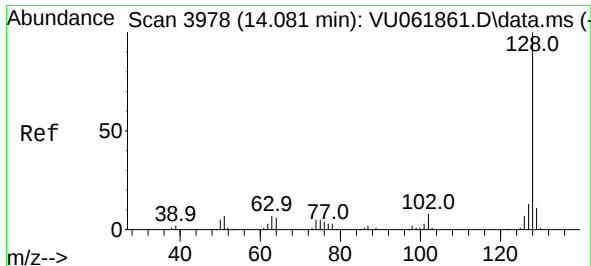
Ion Ratio Lower Upper

180 100

182 98.7 74.5 111.7

145 32.7 25.6 38.4

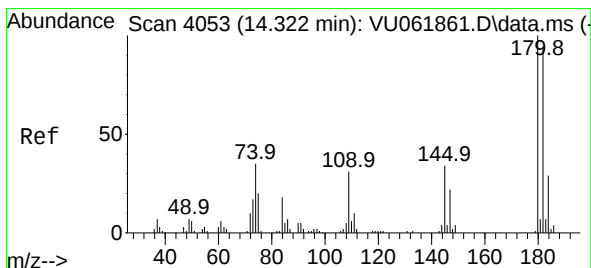
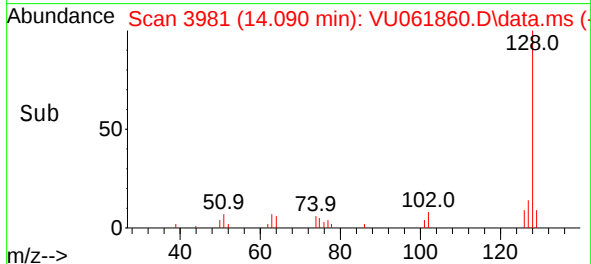
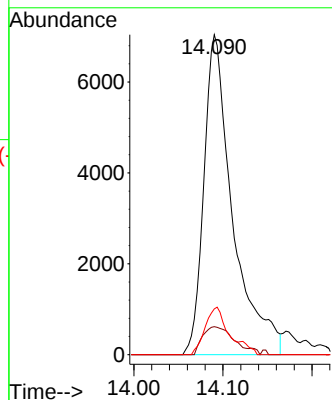
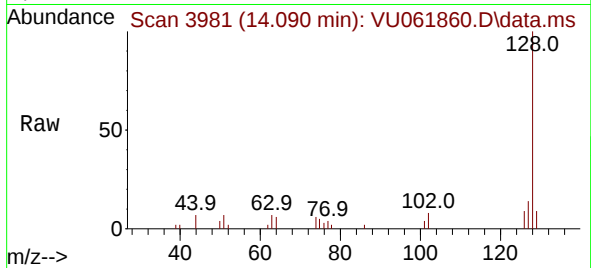




#71
Naphthalene
Concen: 0.909 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 15810
Ion Ratio Lower Upper
128 100
129 9.6 8.5 12.7
127 12.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 1.040 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU061860.D
Acq: 20 Nov 2024 11:45

Tgt Ion:180 Resp: 9425
Ion Ratio Lower Upper
180 100
182 98.1 76.1 114.1
145 33.7 27.4 41.0

