

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061858.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:30:12 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	174068	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	190168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	4363	0.377	ug/L	0.00
7) Chloroethane-d5	1.907	69	3840	0.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1523	0.299	ug/L	0.00
20) 2-Butanone-d5	4.640	46	11511	3.962	ug/L	0.03
24) Chloroform-d	5.058	84	10003	0.463	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	5532	0.489	ug/L	0.00
32) Benzene-d6	5.724	84	16645	0.347	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	5419	0.340	ug/L	0.00
41) Toluene-d8	7.891	98	13347	0.302	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	1907	0.286	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	9166	3.317	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5108	0.404	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5304	0.505	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	7631	0.787	ug/L	90
3) Chloromethane	1.522	50	8228	0.643	ug/L	95
5) Vinyl chloride	1.602	62	7805	0.604	ug/L #	76
6) Bromomethane	1.853	94	4958	0.699	ug/L	99
8) Chloroethane	1.930	64	6542	0.835	ug/L	97
9) Trichlorofluoromethane	2.133	101	10019	0.607	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6058	0.563	ug/L #	81
12) 1,1-Dichloroethene	2.573	96	5994	0.581	ug/L	97
13) Acetone	2.624	43	9406	4.991	ug/L	98
14) Carbon disulfide	2.785	76	17980	0.524	ug/L	98
15) Methyl Acetate	2.956	43	1786	0.385	ug/L #	82
16) Methylene chloride	3.039	84	7958	0.675	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	14343	0.501	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	5791	0.518	ug/L	97
19) 1,1-Dichloroethane	3.859	63	12013	0.554	ug/L	98
21) 2-Butanone	4.718	43	12332	4.025	ug/L	87
22) cis-1,2-Dichloroethene	4.663	96	6460	0.519	ug/L	92
23) Bromochloromethane	4.972	128	2738	0.534	ug/L	94
25) Chloroform	5.081	83	12472	0.565	ug/L	93
27) 1,2-Dichloroethane	5.795	62	7801	0.543	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	9357	0.420	ug/L	97
30) Cyclohexane	5.380	56	10029	0.410	ug/L	97
31) Carbon tetrachloride	5.515	117	7885	0.419	ug/L	99
33) Benzene	5.769	78	25669	0.453	ug/L	100
34) Trichloroethene	6.541	95	6781	0.440	ug/L	99
35) Methylcyclohexane	6.756	83	9973	0.407	ug/L	96
37) 1,2-Dichloropropane	6.785	63	6746	0.454	ug/L #	89
38) Bromodichloromethane	7.100	83	7639	0.411	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	8918	0.391	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	34554	3.762	ug/L	99
42) Toluene	7.965	91	25245	0.416	ug/L	92
44) trans-1,3-Dichloropropene	8.209	75	6361	0.339	ug/L	89

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

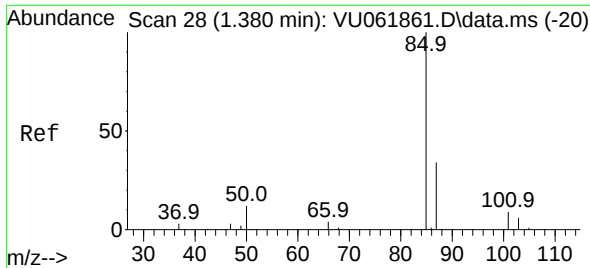
45) 1,1,2-Trichloroethane	8.393	97	5607	0.553	ug/L	86
47) Tetrachloroethene	8.547	164	5769	0.568	ug/L	97
48) 2-Hexanone	8.682	43	27843	4.369	ug/L	97
49) Dibromochloromethane	8.801	129	5350	0.470	ug/L	90
50) 1,2-Dibromoethane	8.917	107	5066	0.535	ug/L #	96
51) Chlorobenzene	9.441	112	20305	0.550	ug/L	97
52) Ethylbenzene	9.563	91	31966	0.471	ug/L	98
53) m,p-Xylene	9.692	106	10819	0.434	ug/L	99
54) o-Xylene	10.094	106	11353	0.466	ug/L	96
55) Styrene	10.113	104	17697	0.448	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	5522	0.421	ug/L	97
59) Bromoform	10.290	173	2410	0.512	ug/L #	93
60) Isopropylbenzene	10.476	105	25195	0.535	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	4116	0.599	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	18980	0.465	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	19137	0.475	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	11001	0.545	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	11512	0.578	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	10518	0.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	317	0.227	ug/L	92
69) 1,3,5-Trichlorobenzene	13.219	180	7091	0.529	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	5323	0.517	ug/L	98
71) Naphthalene	14.097	128	8852	0.537	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	4710	0.548	ug/L	94

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

Instrument :
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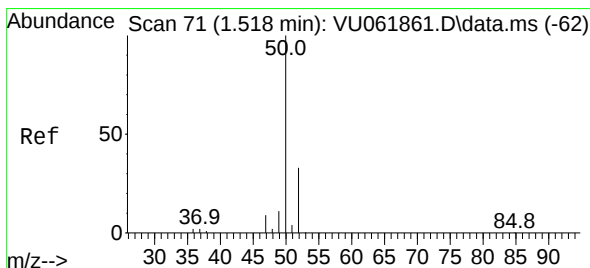
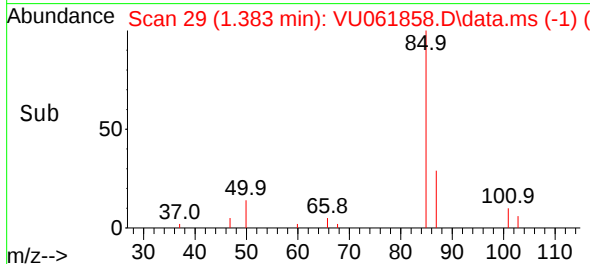
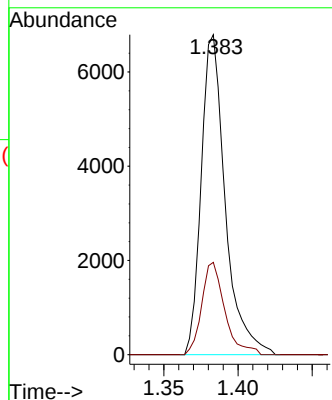
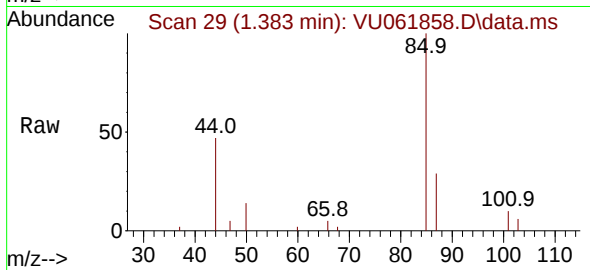




#2
Dichlorodifluoromethane
Concen: 0.787 ug/L
RT: 1.383 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

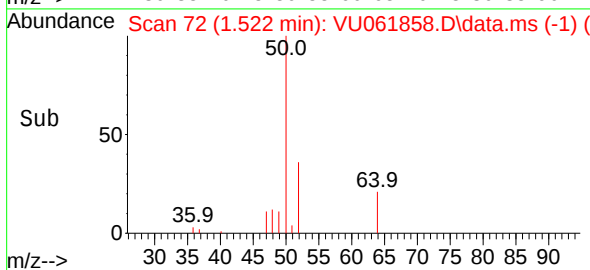
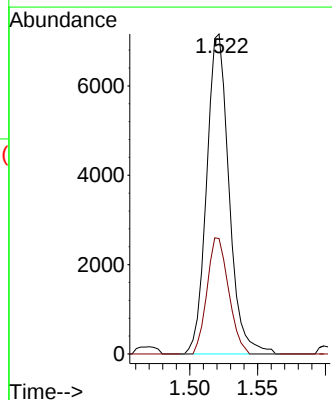
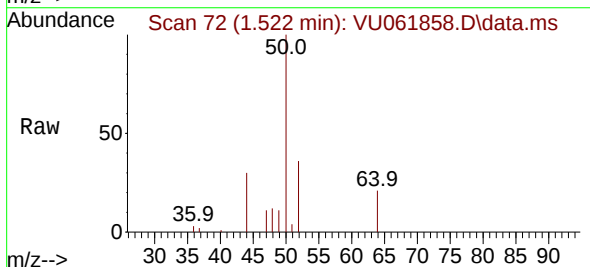
Instrument :
MSVOA_U
ClientSampleId :

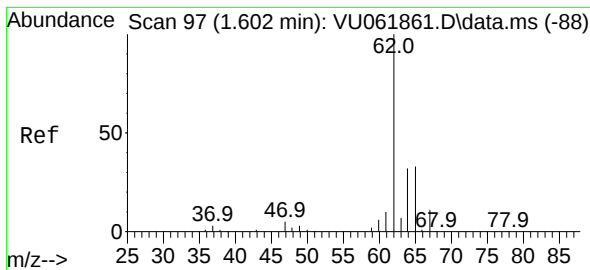
Tgt Ion: 85 Resp: 7631
Ion Ratio Lower Upper
85 100
87 27.6 26.6 40.0



#3
Chloromethane
Concen: 0.643 ug/L
RT: 1.522 min Scan# 72
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion: 50 Resp: 8228
Ion Ratio Lower Upper
50 100
52 36.0 23.1 42.9





#5

Vinyl chloride

Concen: 0.604 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

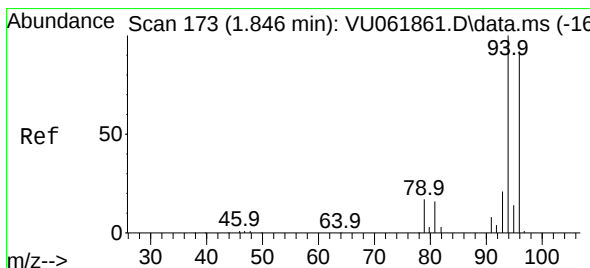
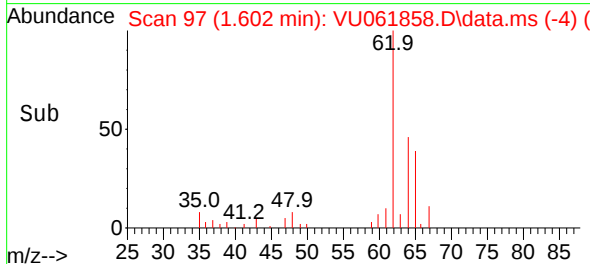
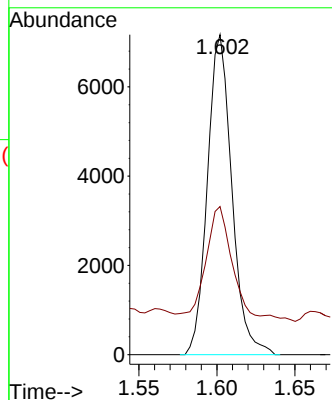
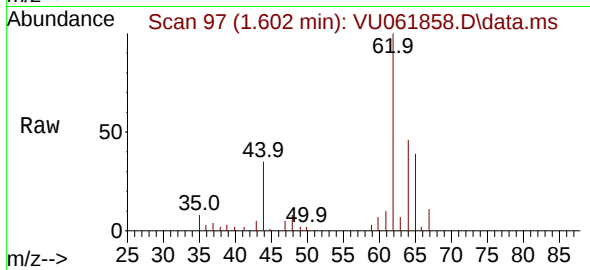
ClientSampleId :

Tgt Ion: 62 Resp: 7805

Ion Ratio Lower Upper

62 100

64 46.3 23.1 42.9#



#6

Bromomethane

Concen: 0.699 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.006 min

Lab File: VU061858.D

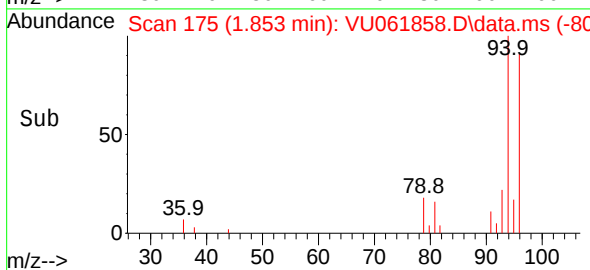
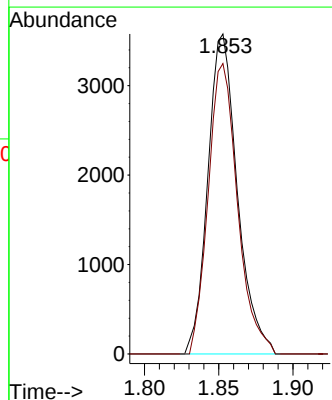
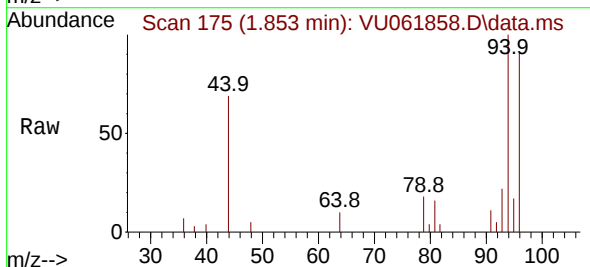
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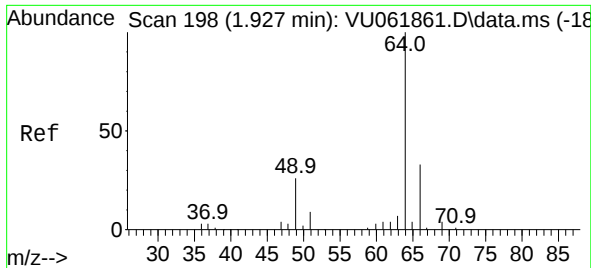
Tgt Ion: 94 Resp: 4958

Ion Ratio Lower Upper

94 100

96 90.8 64.5 119.9

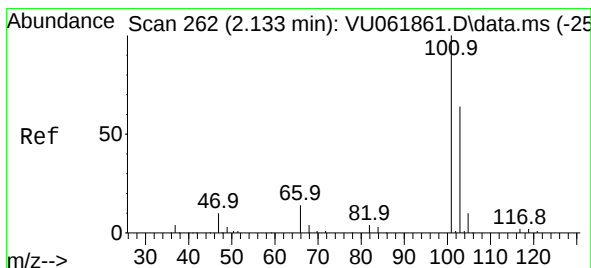
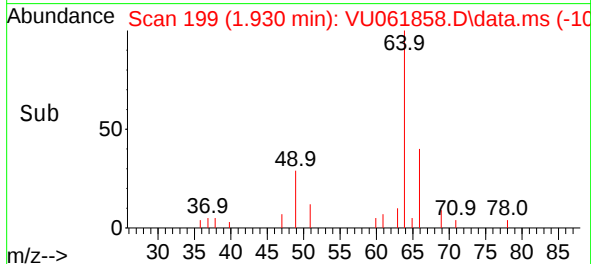
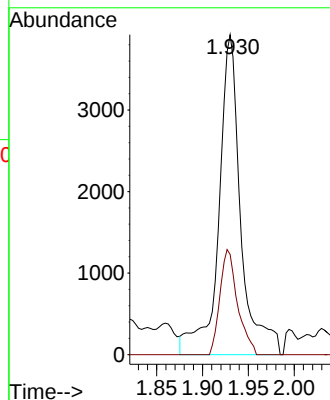
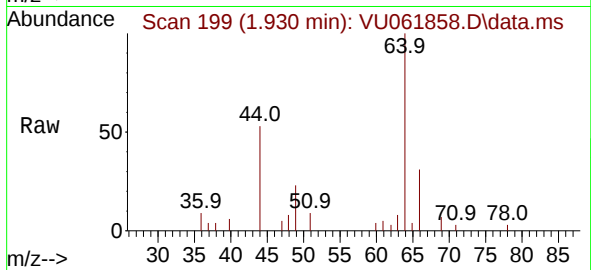




#8
Chloroethane
Concen: 0.835 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

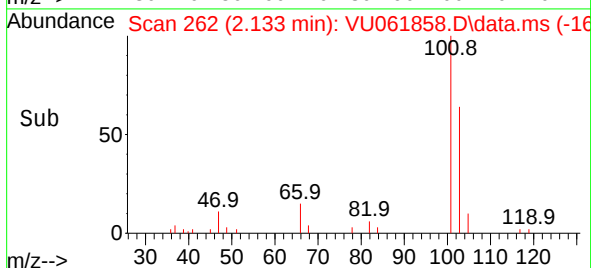
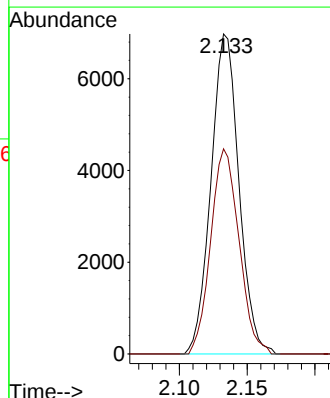
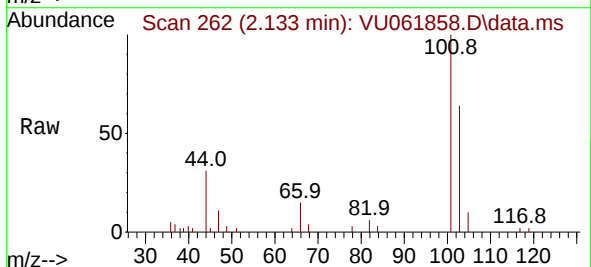
Instrument :
MSVOA_U
ClientSampleId :

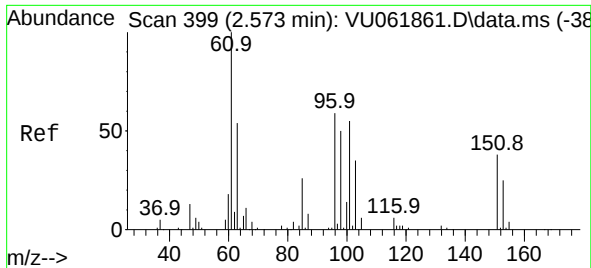
Tgt Ion: 64 Resp: 6542
Ion Ratio Lower Upper
64 100
66 31.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.607 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion:101 Resp: 10019
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8

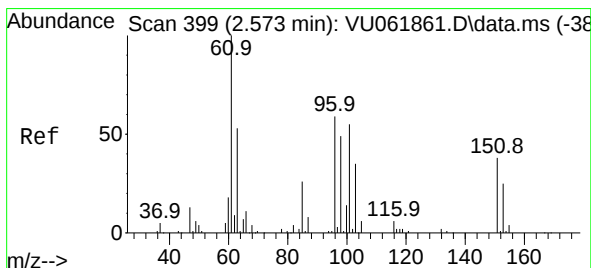
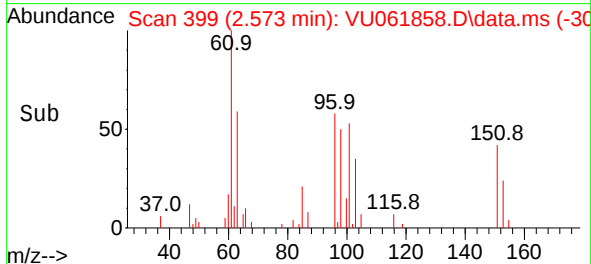
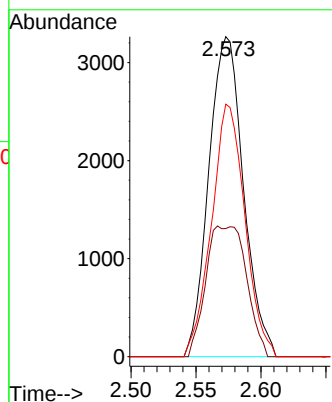
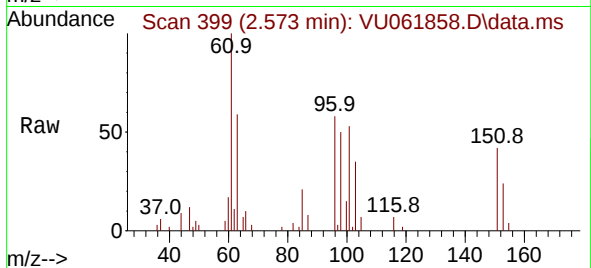




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.563 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061858.D
 Acq: 20 Nov 2024 11:20

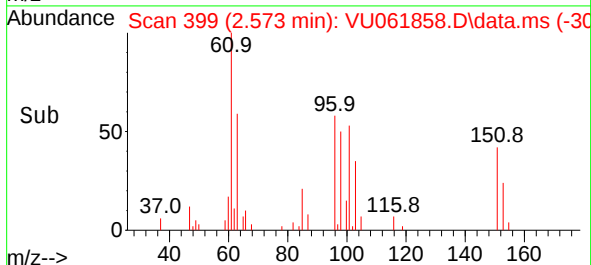
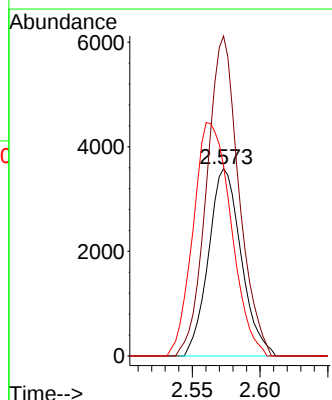
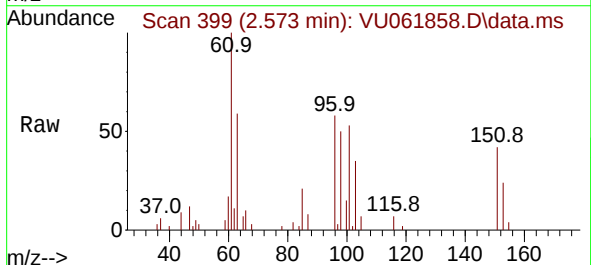
Instrument :
 MSVOA_U
 ClientSampleId :

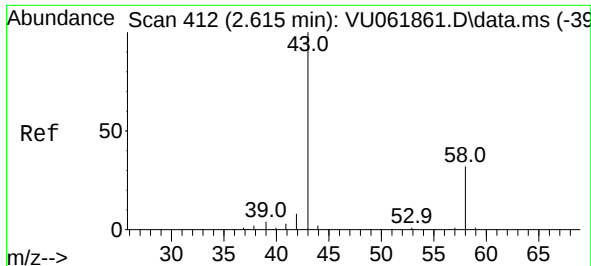
Tgt Ion:101 Resp: 6058
 Ion Ratio Lower Upper
 101 100
 85 25.2 38.0 57.0#
 151 76.1 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 0.581 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU061858.D
 Acq: 20 Nov 2024 11:20

Tgt Ion: 96 Resp: 5994
 Ion Ratio Lower Upper
 96 100
 61 170.9 119.6 222.2
 63 101.6 65.0 120.6





#13

Acetone

Concen: 4.991 ug/L

RT: 2.624 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

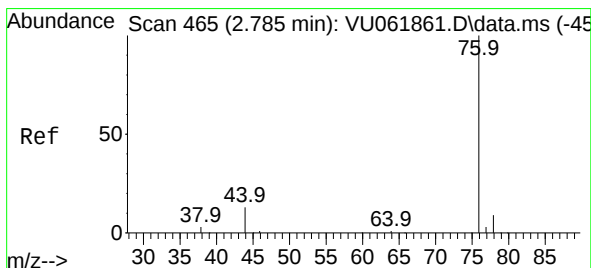
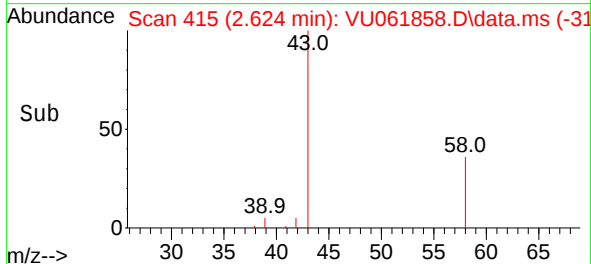
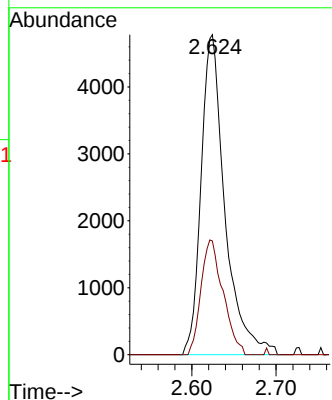
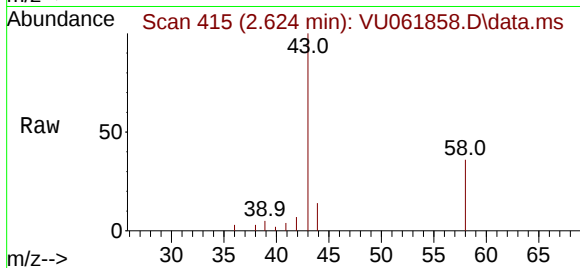
ClientSampleId :

Tgt Ion: 43 Resp: 9406

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.0



#14

Carbon disulfide

Concen: 0.524 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061858.D

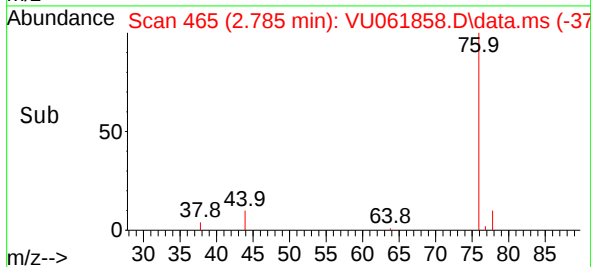
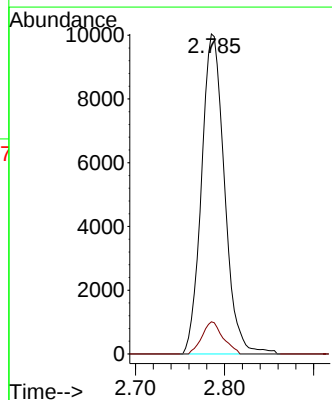
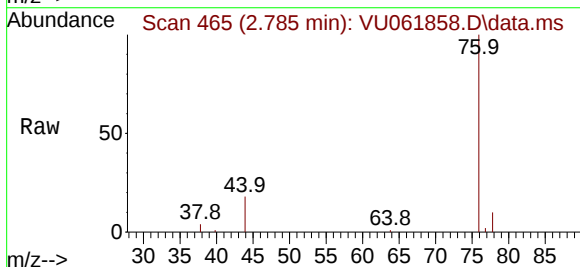
Acq: 20 Nov 2024 11:20

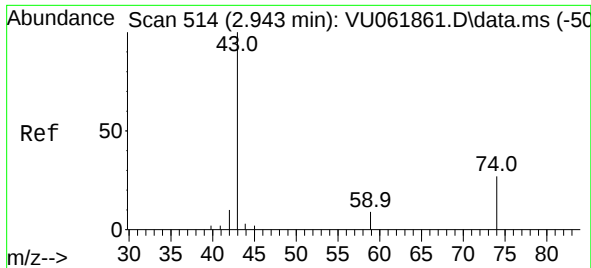
Tgt Ion: 76 Resp: 17980

Ion Ratio Lower Upper

76 100

78 10.1 7.5 11.3

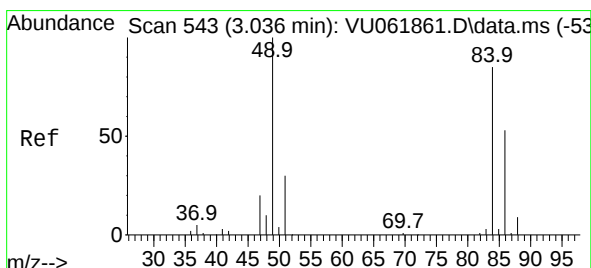
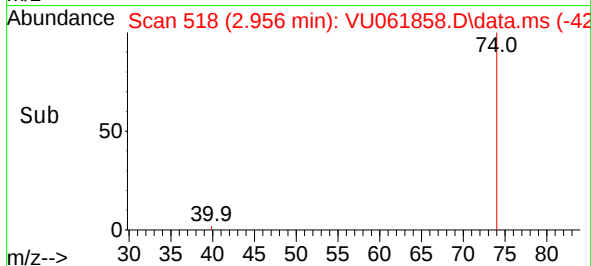
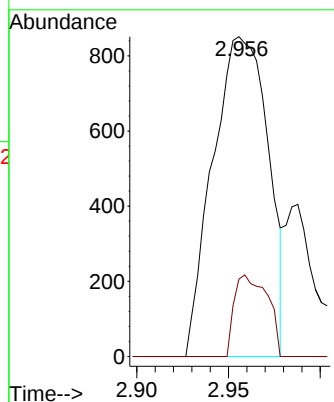
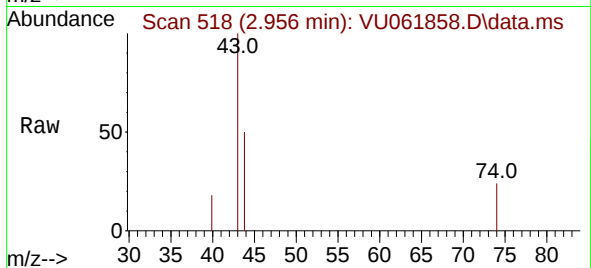




#15
Methyl Acetate
Concen: 0.385 ug/L
RT: 2.956 min Scan# 514
Delta R.T. 0.013 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

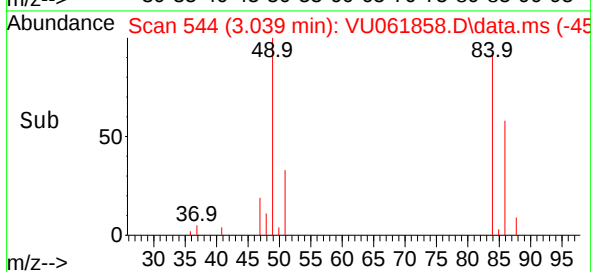
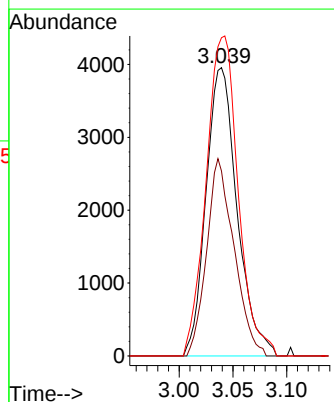
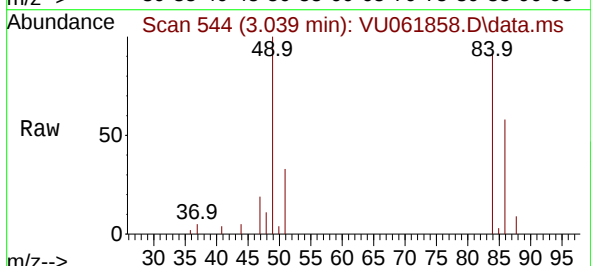
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ClientSampleId :

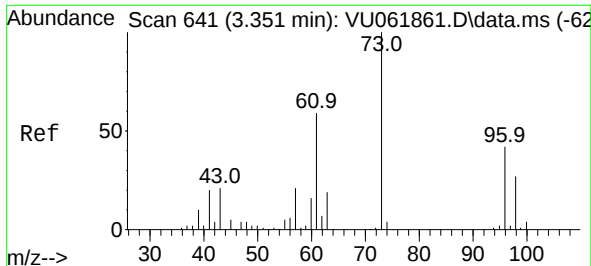
Tgt Ion: 43 Resp: 1786
Ion Ratio Lower Upper
43 100
74 15.2 19.4 29.2#



#16
Methylene chloride
Concen: 0.675 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion: 84 Resp: 7958
Ion Ratio Lower Upper
84 100
86 64.1 43.5 80.7
49 110.3 81.9 152.1

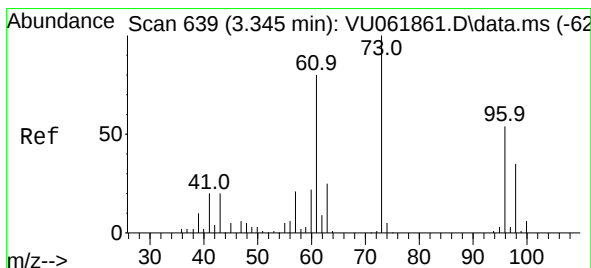
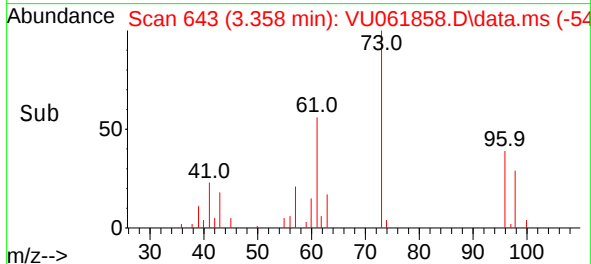
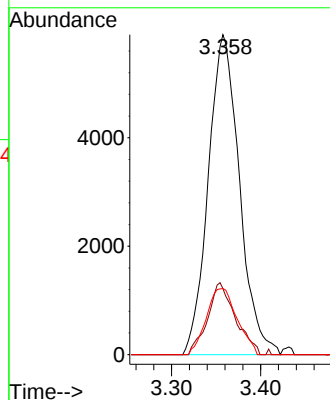
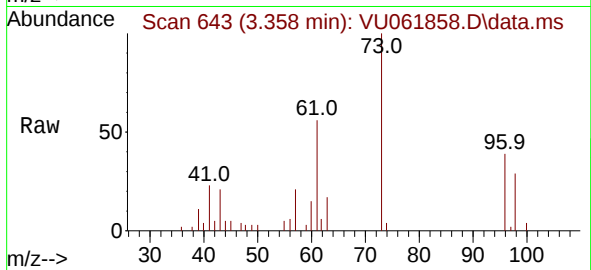




#17
Methyl tert-butyl Ether
Concen: 0.501 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

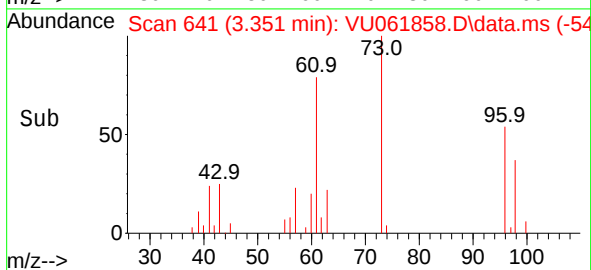
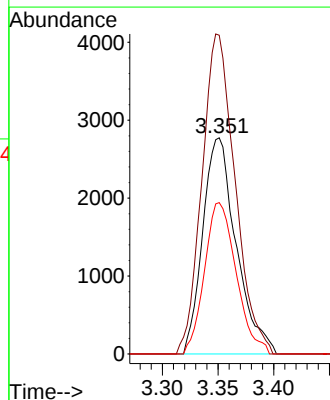
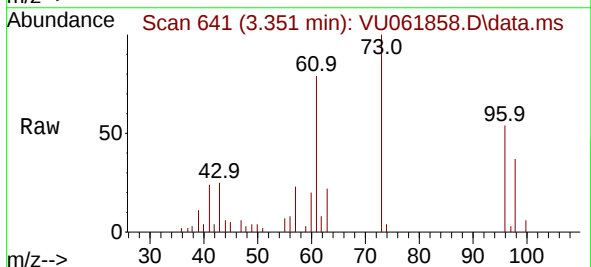
Instrument :
MSVOA_U
ClientSampleId :

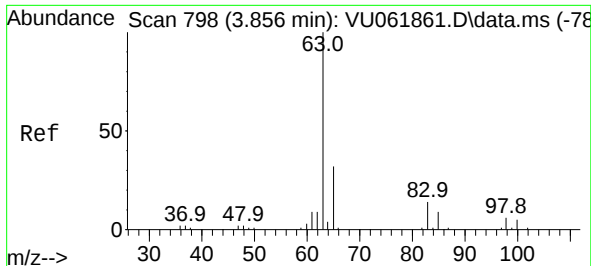
Tgt Ion: 73 Resp: 14343
Ion Ratio Lower Upper
73 100
43 20.1 16.3 24.5
57 20.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.518 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion: 96 Resp: 5791
Ion Ratio Lower Upper
96 100
61 147.4 104.2 193.4
98 70.0 45.7 84.9

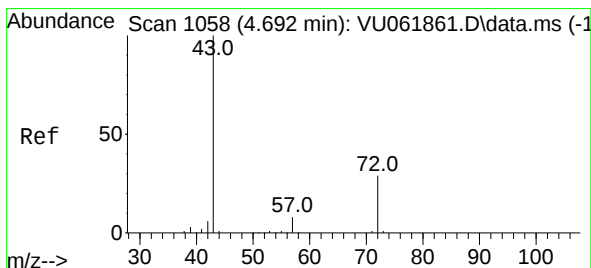
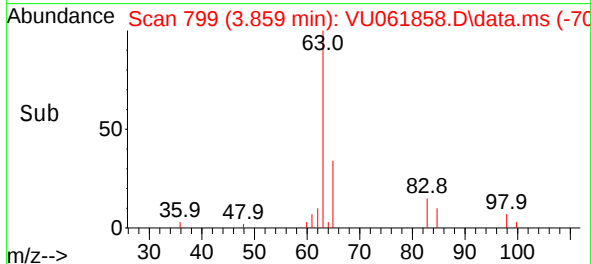
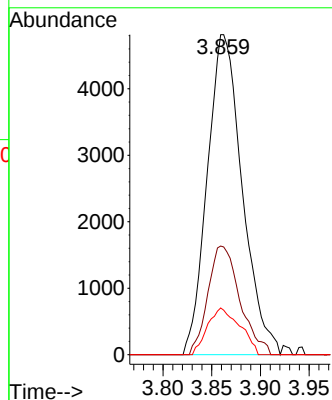
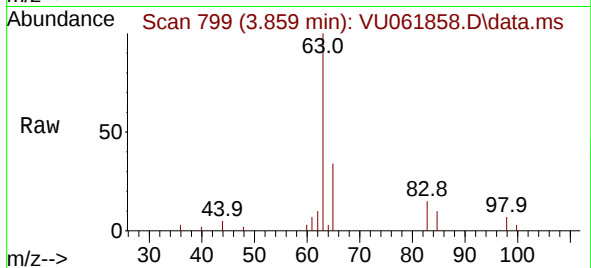




#19
1,1-Dichloroethane
Concen: 0.554 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

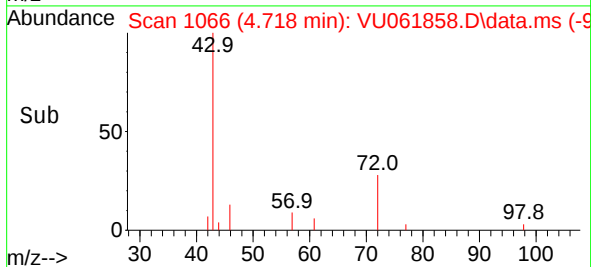
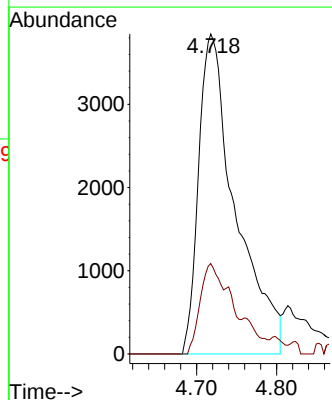
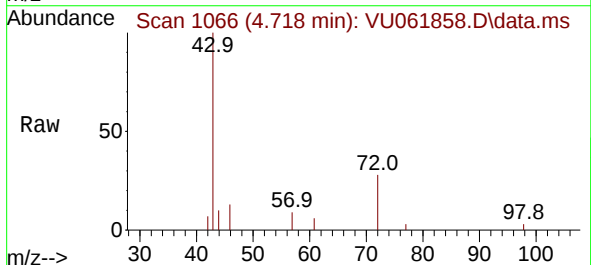
Instrument :
MSVOA_U
ClientSampleId :

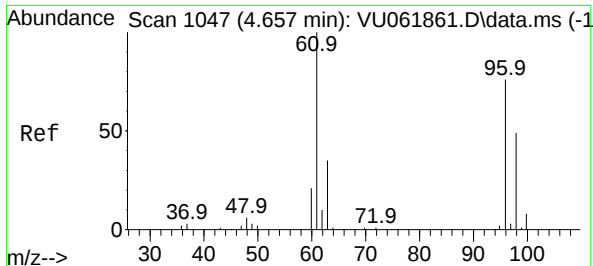
Tgt Ion: 63 Resp: 12013
Ion Ratio Lower Upper
63 100
65 33.9 22.7 42.3
83 14.6 9.9 18.3



#21
2-Butanone
Concen: 4.025 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.026 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

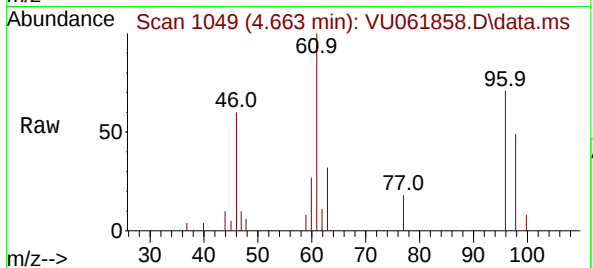
Tgt Ion: 43 Resp: 12332
Ion Ratio Lower Upper
43 100
72 22.4 14.8 44.4



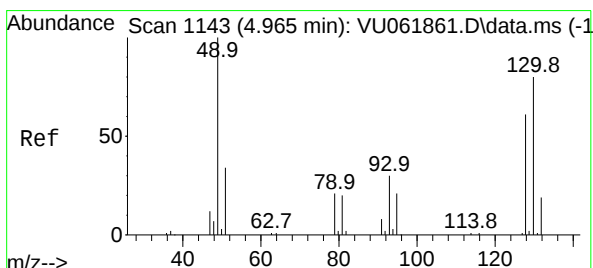
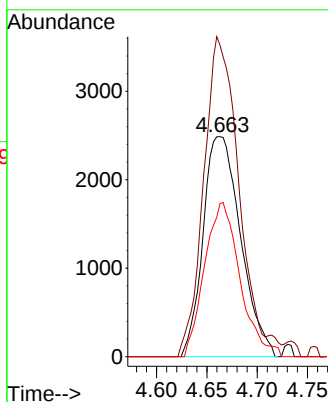
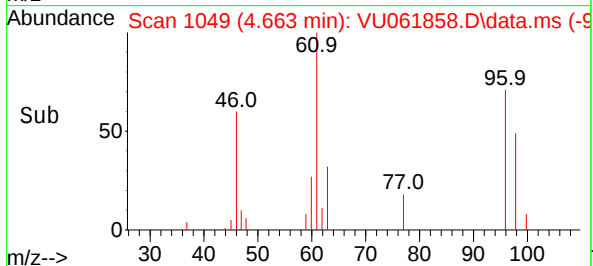


#22
cis-1,2-Dichloroethene
Concen: 0.519 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Instrument :
MSVOA_U
ClientSampleId :

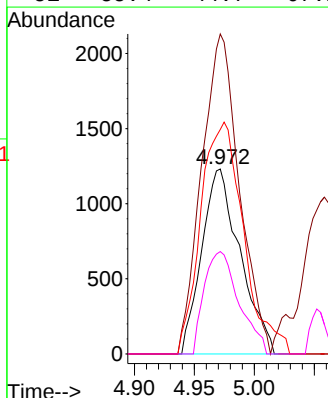
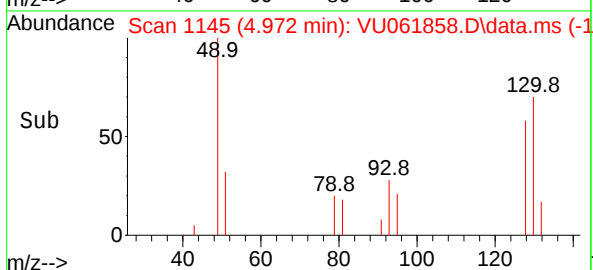
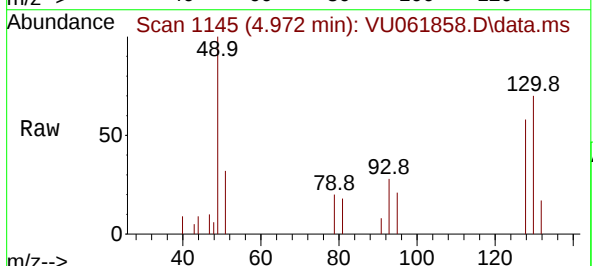


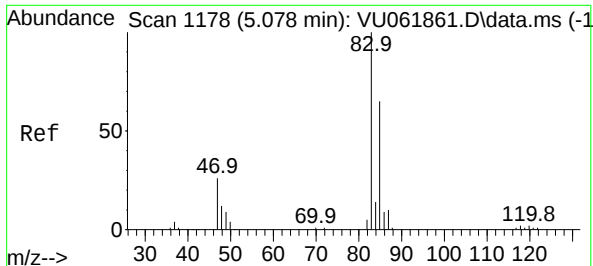
Tgt Ion: 96 Resp: 6460
Ion Ratio Lower Upper
96 100
61 141.7 92.0 170.8
98 69.5 44.5 82.7



#23
Bromochloromethane
Concen: 0.534 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion: 128 Resp: 2738
Ion Ratio Lower Upper
128 100
49 173.0 115.3 214.1
130 121.4 92.0 170.8
51 55.4 44.7 67.1





#25

Chloroform

Concen: 0.565 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

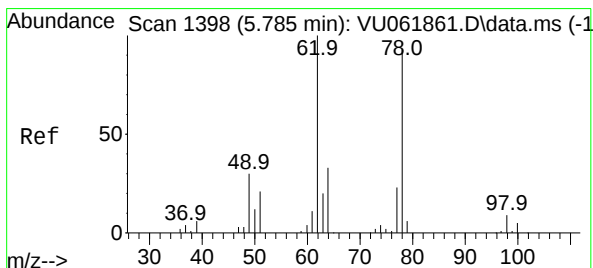
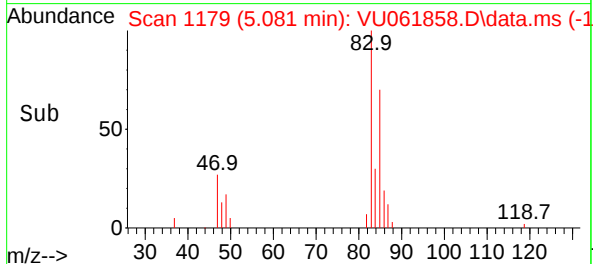
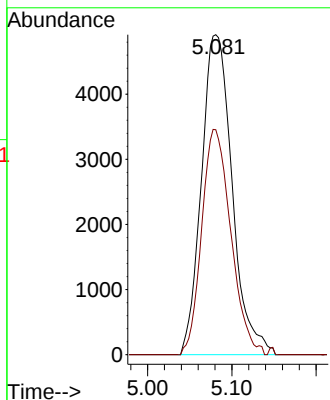
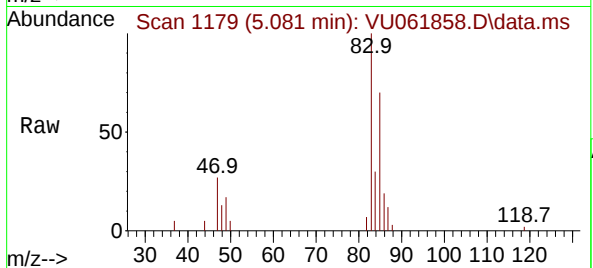
ClientSampleId :

Tgt Ion: 83 Resp: 12472

Ion Ratio Lower Upper

83 100

85 70.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.543 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU061858.D

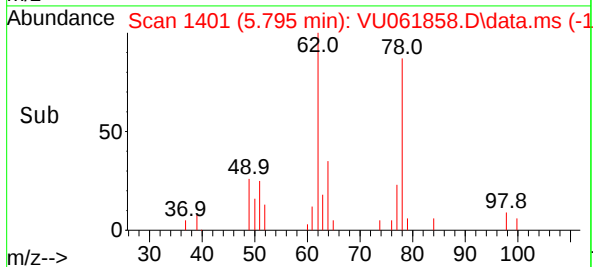
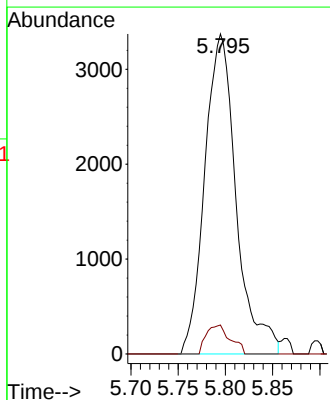
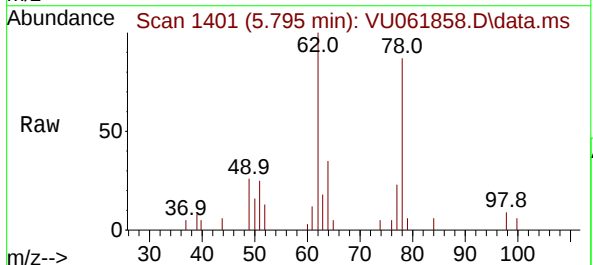
Acq: 20 Nov 2024 11:20

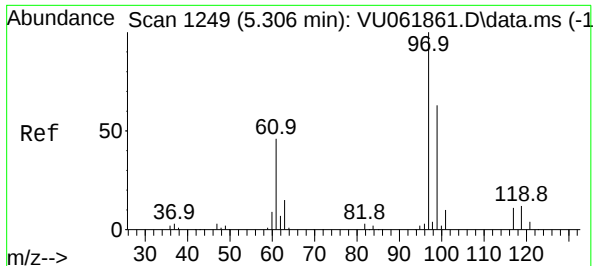
Tgt Ion: 62 Resp: 7801

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0

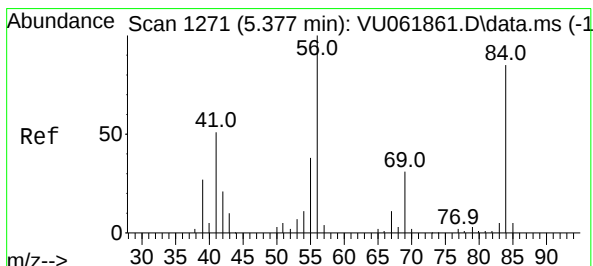
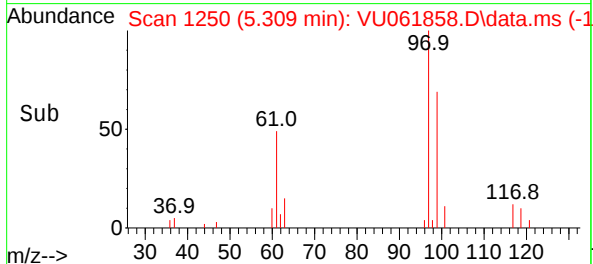
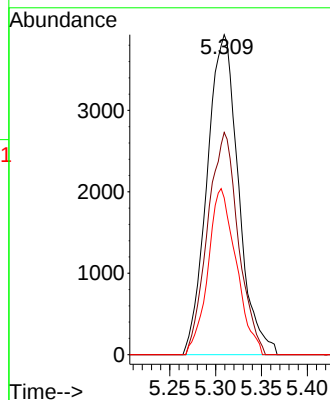
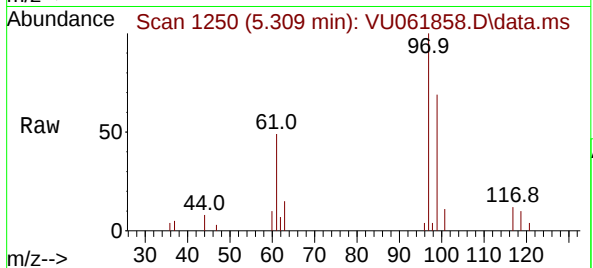




#29
1,1,1-Trichloroethane
Concen: 0.420 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

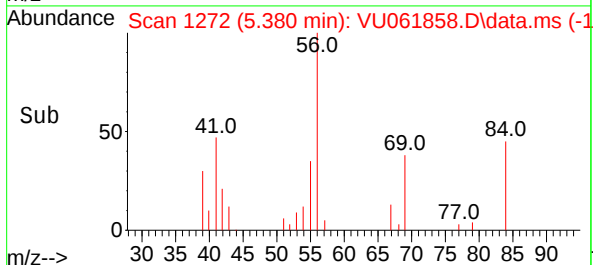
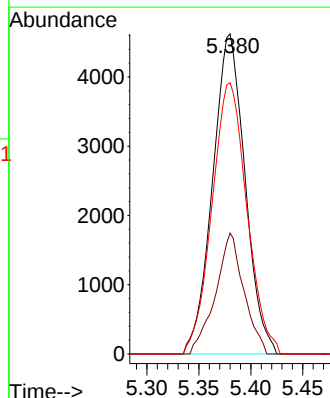
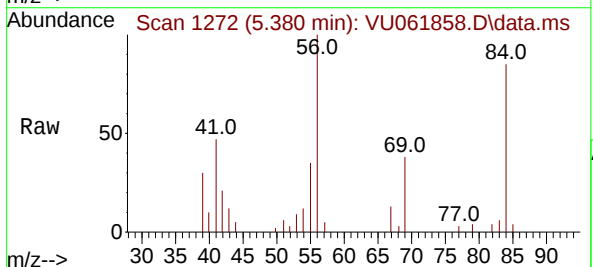
Instrument :
MSVOA_U
ClientSampleId :

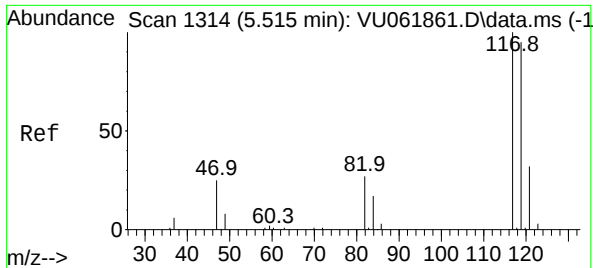
Tgt Ion: 97 Resp: 9357
Ion Ratio Lower Upper
97 100
99 67.7 51.4 77.2
61 46.7 37.8 56.6



#30
Cyclohexane
Concen: 0.410 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion: 56 Resp: 10029
Ion Ratio Lower Upper
56 100
69 33.0 25.1 37.7
84 91.0 70.6 105.8

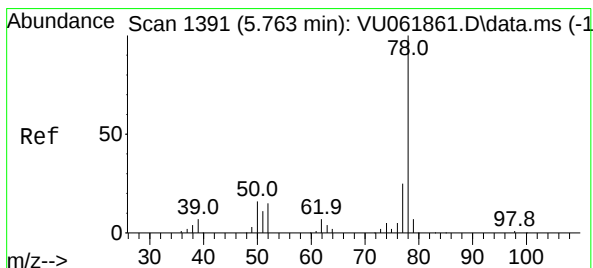
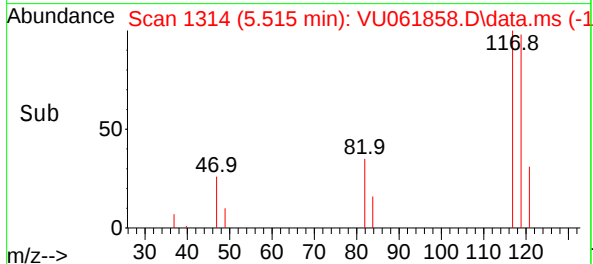
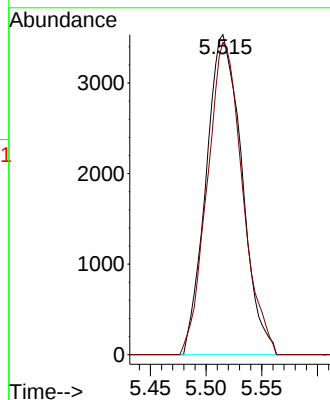
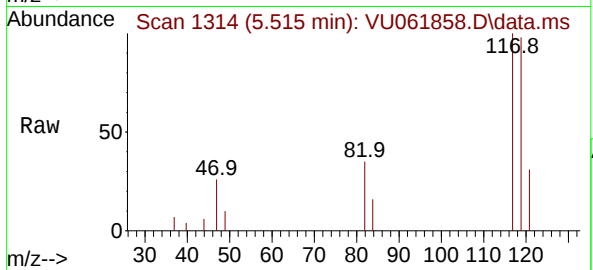




#31
Carbon tetrachloride
Concen: 0.419 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

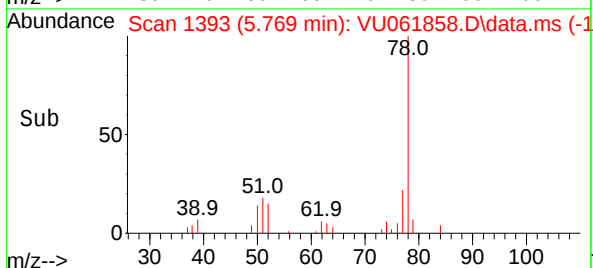
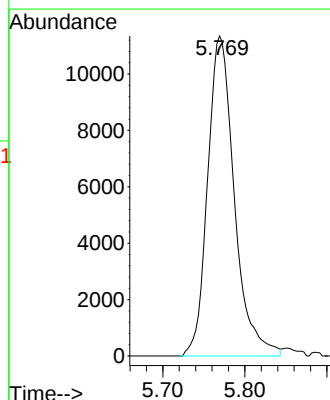
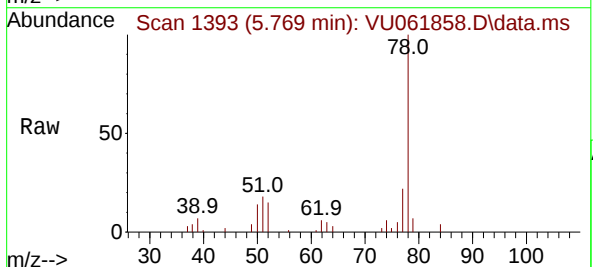
Instrument :
MSVOA_U
ClientSampleId :

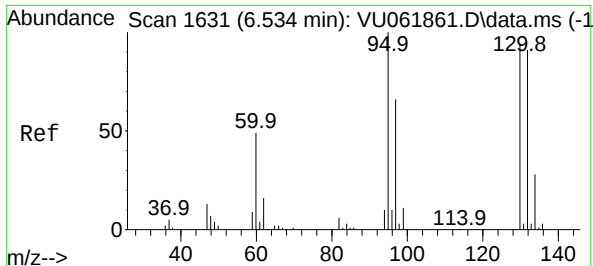
Tgt Ion:117 Resp: 7885
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 0.453 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion: 78 Resp: 25669





#34

Trichloroethene

Concen: 0.440 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6781

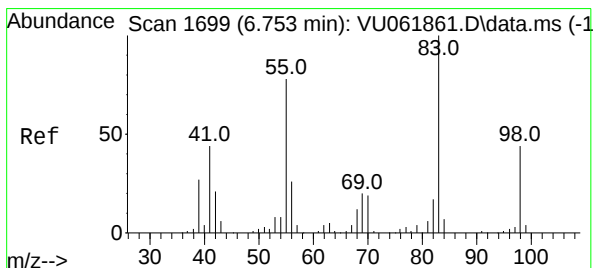
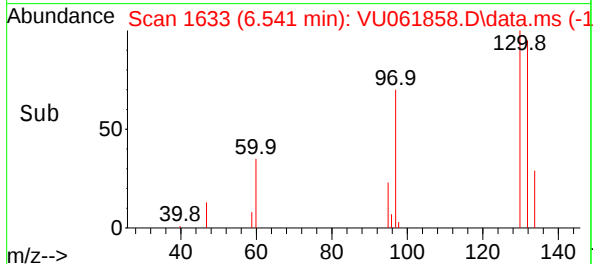
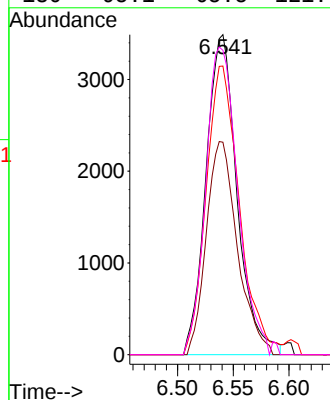
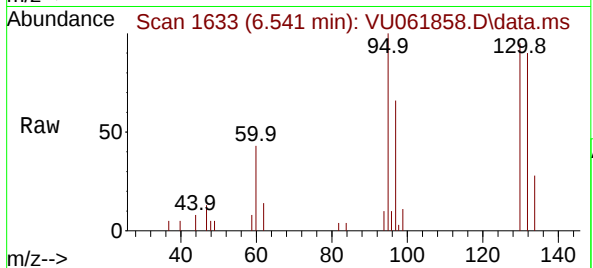
Ion Ratio Lower Upper

95 100

97 66.4 45.9 85.3

132 90.2 63.8 118.4

130 95.1 65.5 121.7



#35

Methylcyclohexane

Concen: 0.407 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

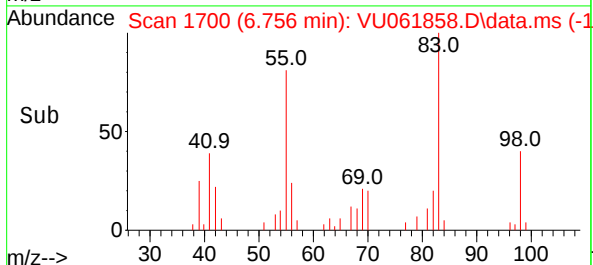
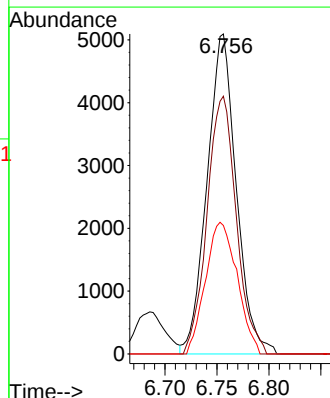
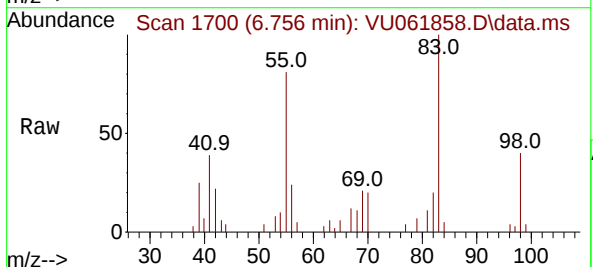
Tgt Ion: 83 Resp: 9973

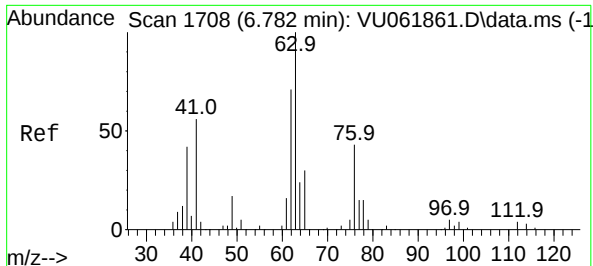
Ion Ratio Lower Upper

83 100

55 80.6 60.7 91.1

98 44.5 34.8 52.2

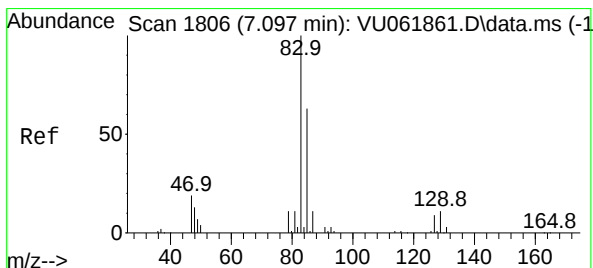
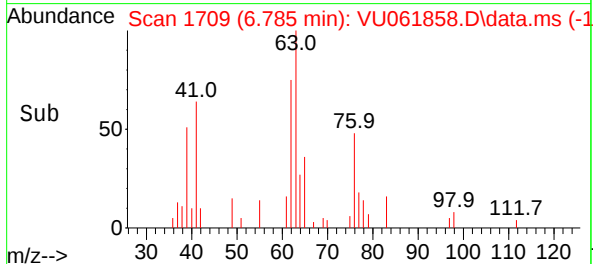
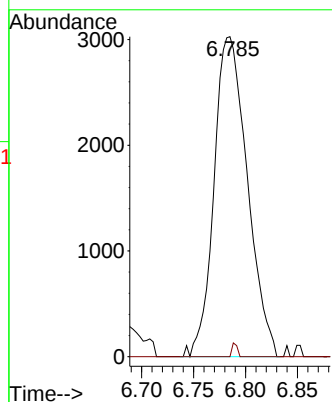
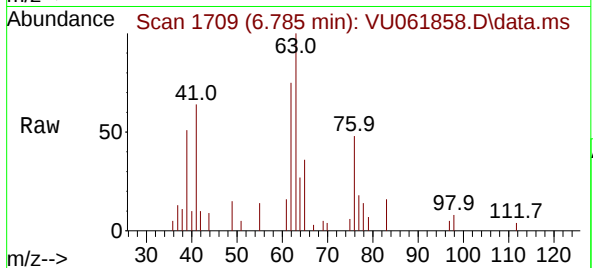




#37
1,2-Dichloropropane
Concen: 0.454 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

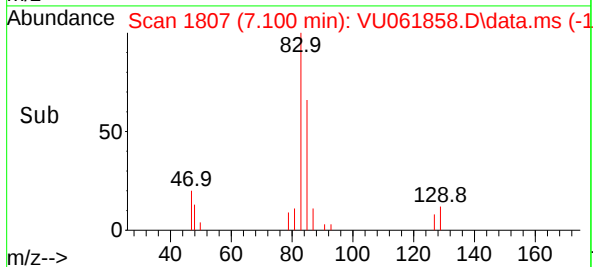
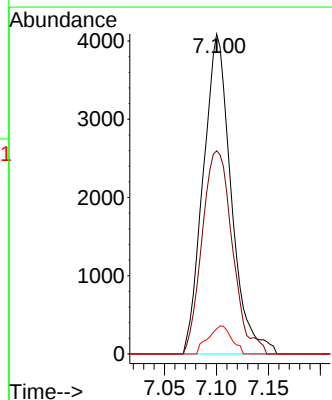
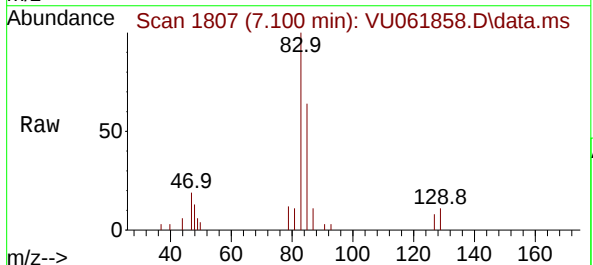
Instrument :
MSVOA_U
ClientSampleId :

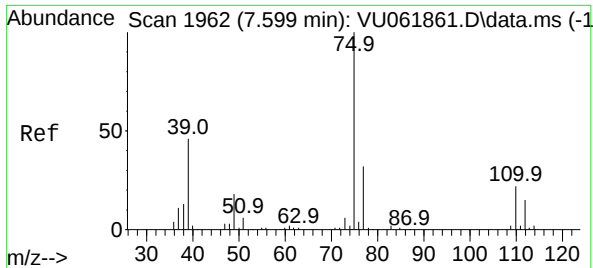
Tgt Ion: 63 Resp: 6746
Ion Ratio Lower Upper
63 100
112 0.7 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.411 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion: 83 Resp: 7639
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9
127 7.8 6.9 10.3

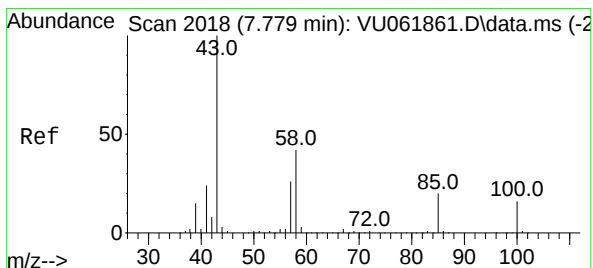
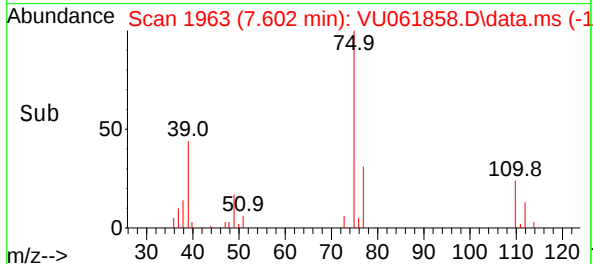
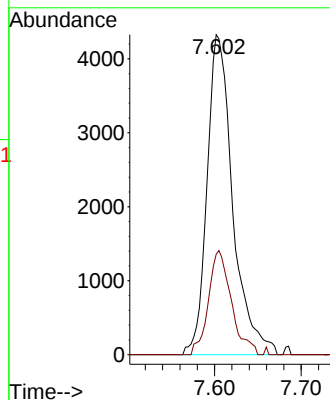
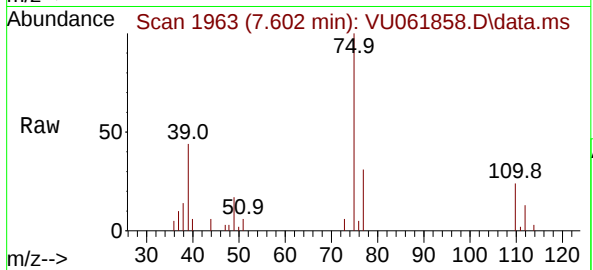




#39
 cis-1,3-Dichloropropene
 Concen: 0.391 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU061858.D
 Acq: 20 Nov 2024 11:20

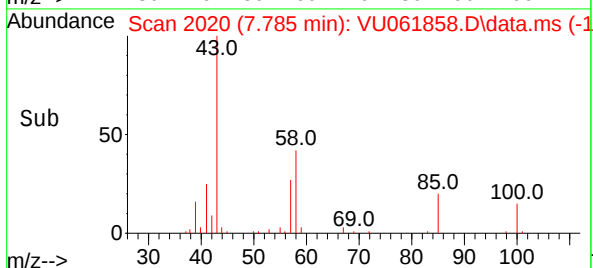
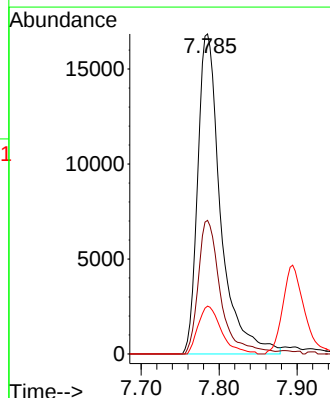
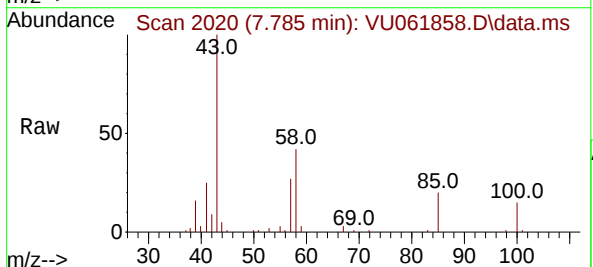
Instrument :
 MSVOA_U
 ClientSampleId :

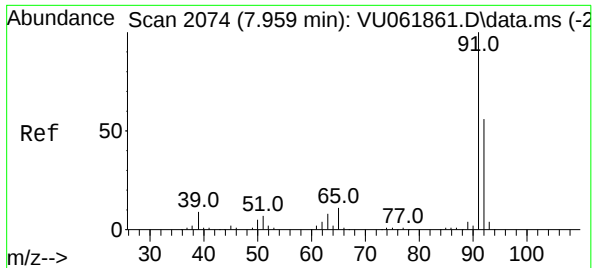
Tgt Ion: 75 Resp: 8918
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 3.762 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VU061858.D
 Acq: 20 Nov 2024 11:20

Tgt Ion: 43 Resp: 34554
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.3 49.9
 100 15.1 12.4 18.6





#42

Toluene

Concen: 0.416 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

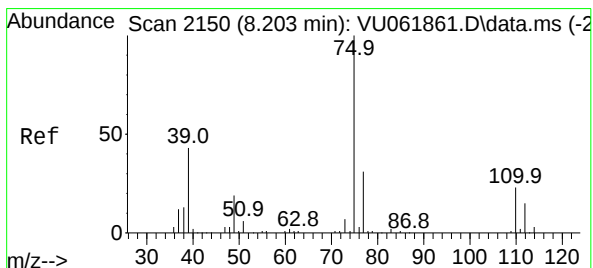
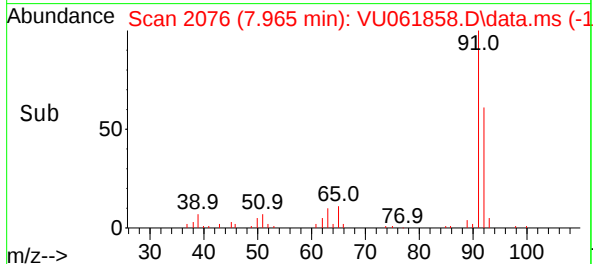
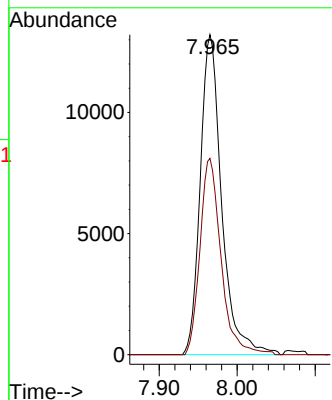
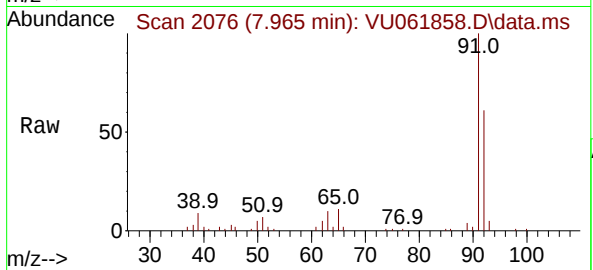
ClientSampleId :

Tgt Ion: 91 Resp: 25245

Ion Ratio Lower Upper

91 100

92 61.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.339 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU061858.D

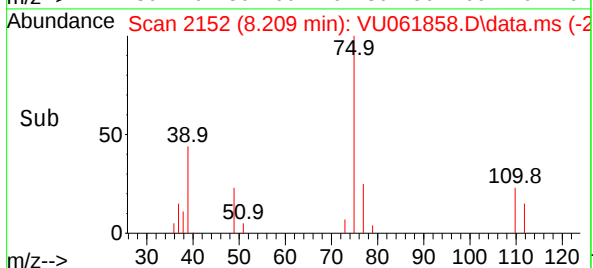
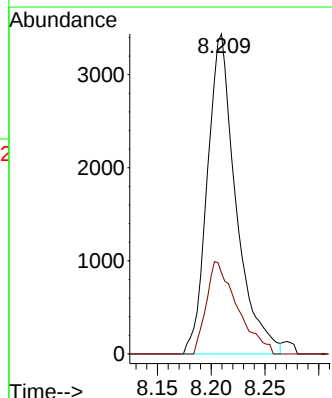
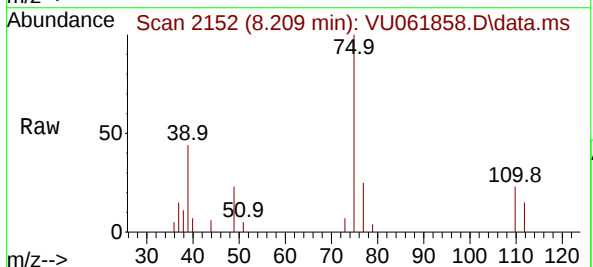
Acq: 20 Nov 2024 11:20

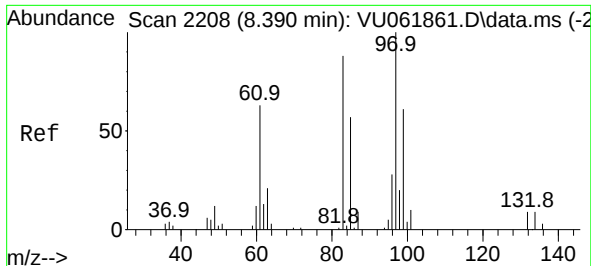
Tgt Ion: 75 Resp: 6361

Ion Ratio Lower Upper

75 100

77 25.3 21.8 40.4

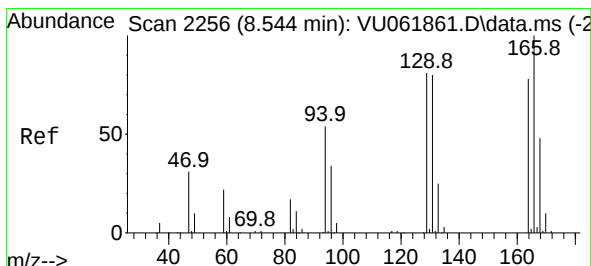
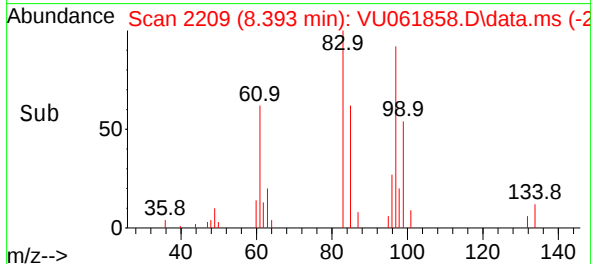
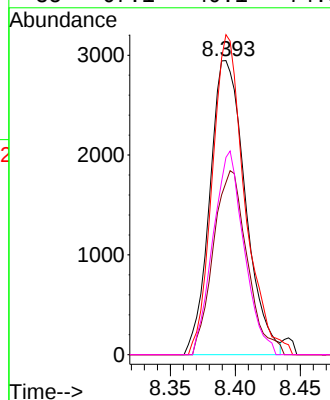
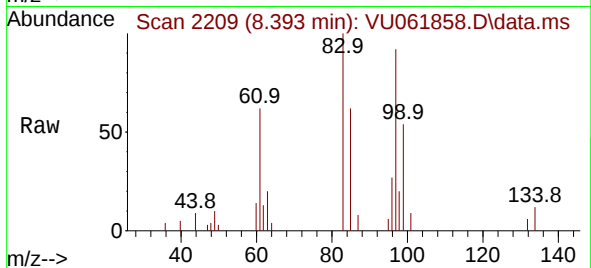




#45
1,1,2-Trichloroethane
Concen: 0.553 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

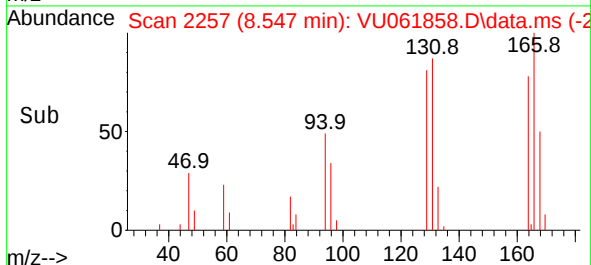
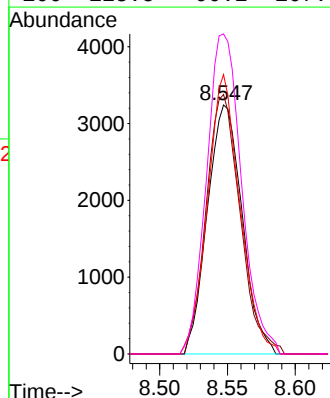
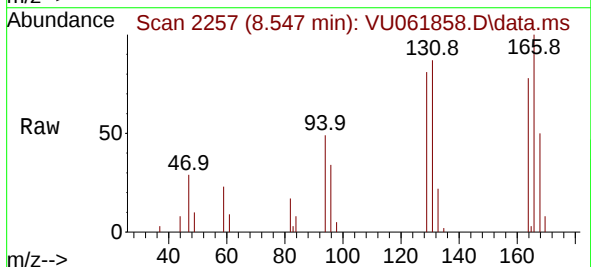
Instrument :
MSVOA_U
ClientSampleId :

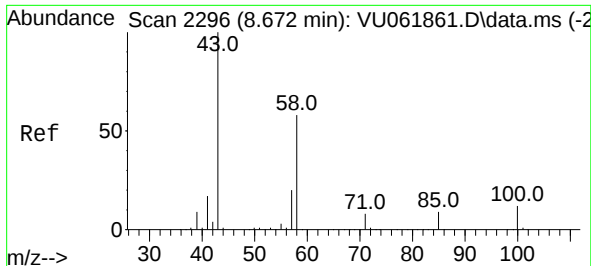
Tgt Ion: 97	Resp: 5607
Ion Ratio	Lower Upper
97 100	
99 58.5	43.0 79.8
83 108.8	61.7 114.5
85 67.1	40.1 74.5



#47
Tetrachloroethene
Concen: 0.568 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt	Ion:164	Resp:	5769
Ion	Ratio	Lower	Upper
164	100		
129	104.2	73.2	136.0
131	112.2	72.3	134.3
166	128.5	90.2	167.4





#48

2-Hexanone

Concen: 4.369 ug/L

RT: 8.682 min Scan# 2296

Delta R.T. 0.010 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 27843

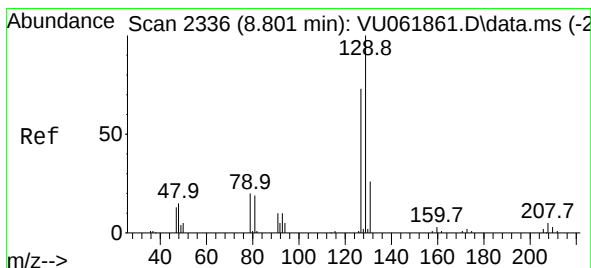
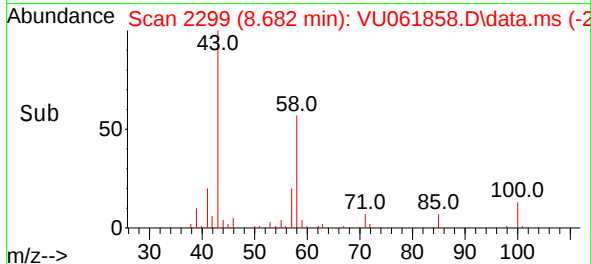
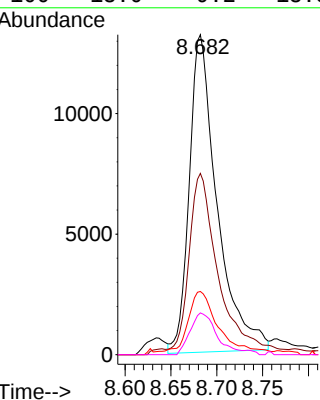
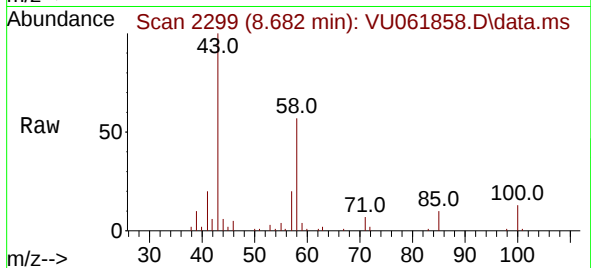
Ion Ratio Lower Upper

43 100

58 57.7 47.5 71.3

57 22.5 15.6 23.4

100 13.0 9.2 13.8



#49

Dibromochloromethane

Concen: 0.470 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061858.D

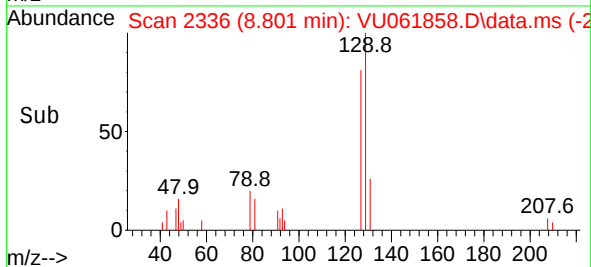
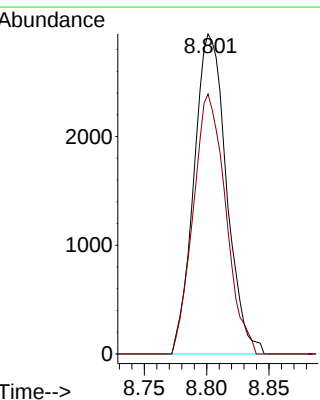
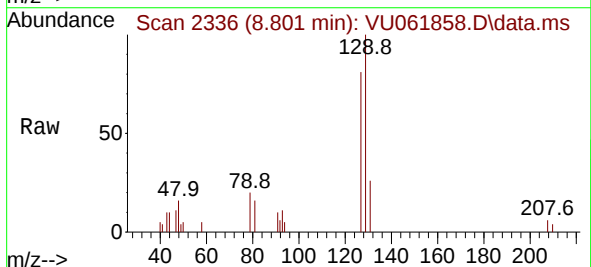
Acq: 20 Nov 2024 11:20

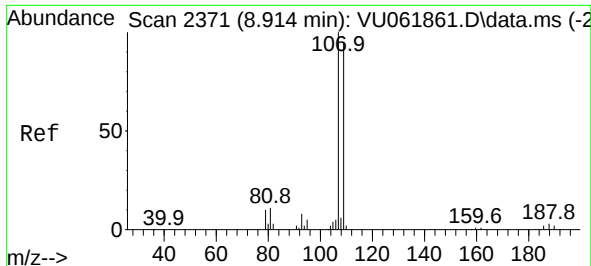
Tgt Ion: 129 Resp: 5350

Ion Ratio Lower Upper

129 100

127 81.2 51.1 94.9

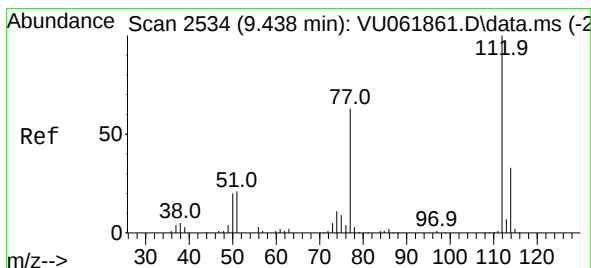
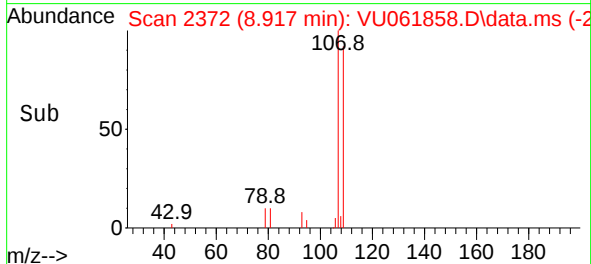
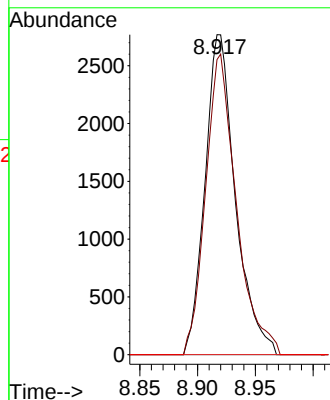
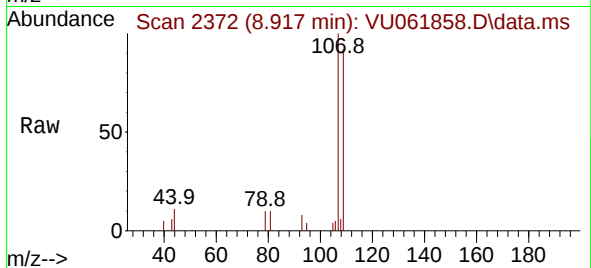




#50
1,2-Dibromoethane
Concen: 0.535 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

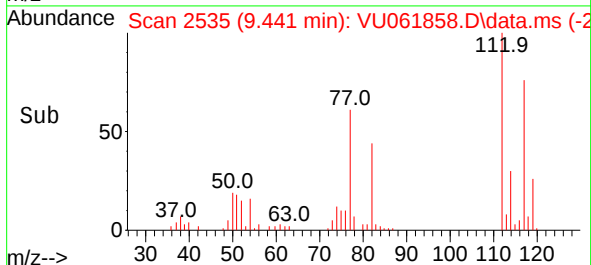
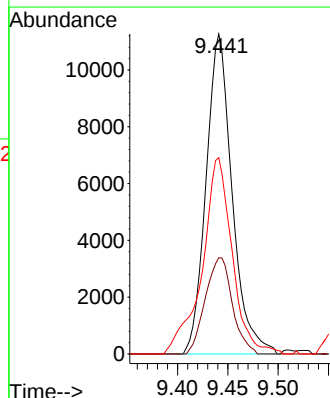
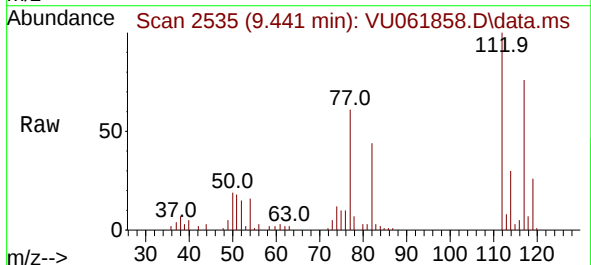
Instrument :
MSVOA_U
ClientSampleId :

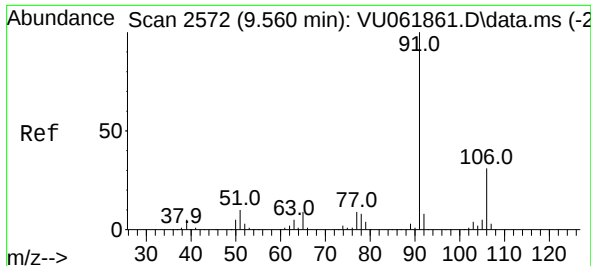
Tgt Ion:107 Resp: 5066
Ion Ratio Lower Upper
107 100
109 92.2 66.8 124.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 0.550 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion:112 Resp: 20305
Ion Ratio Lower Upper
112 100
114 30.1 23.0 42.6
77 61.4 50.5 75.7

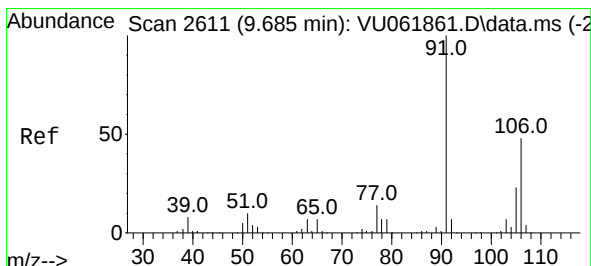
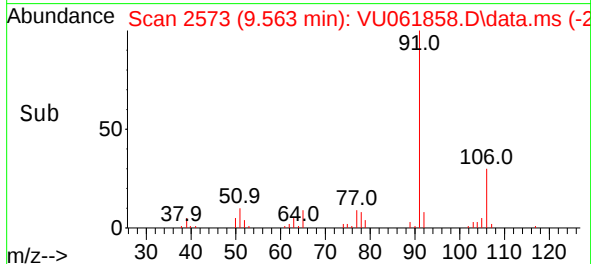
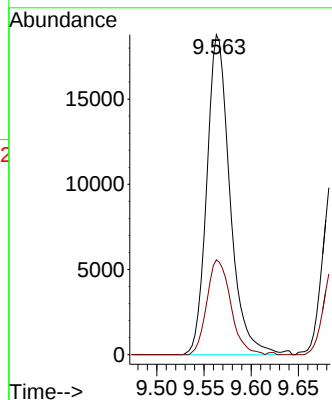
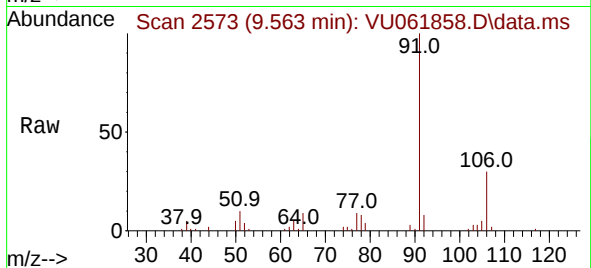




#52
Ethylbenzene
Concen: 0.471 ug/L
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

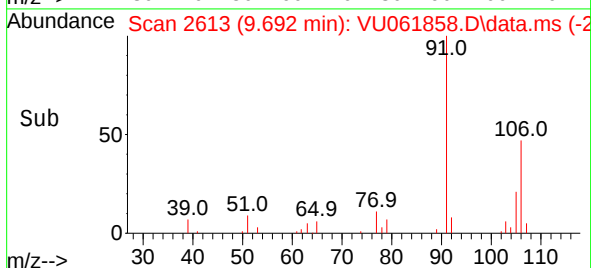
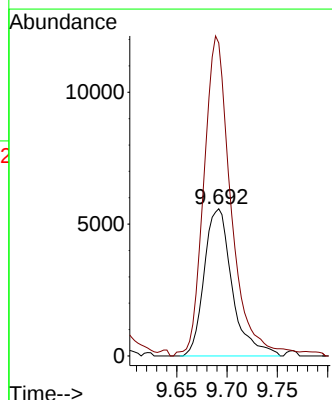
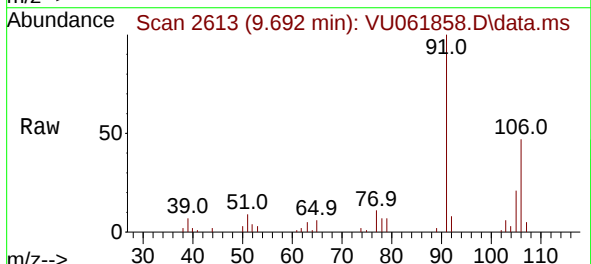
Instrument :
MSVOA_U
ClientSampleId :

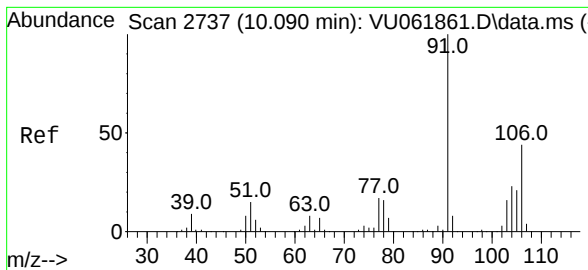
Tgt Ion: 91 Resp: 31966
Ion Ratio Lower Upper
91 100
106 29.7 21.6 40.0



#53
m,p-Xylene
Concen: 0.434 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion:106 Resp: 10819
Ion Ratio Lower Upper
106 100
91 212.6 147.6 274.0

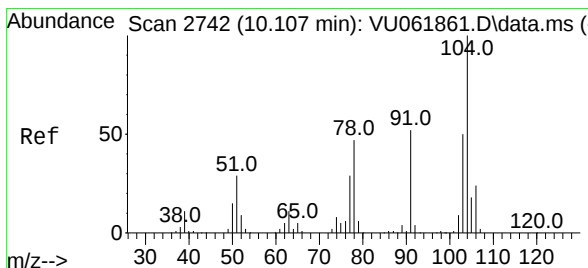
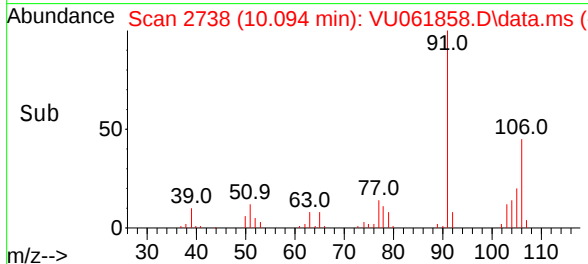
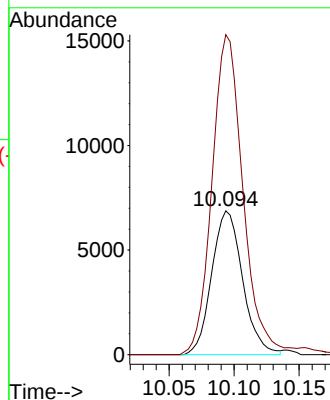
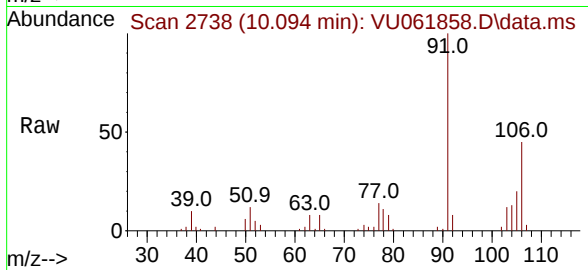




#54
o-Xylene
Concen: 0.466 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

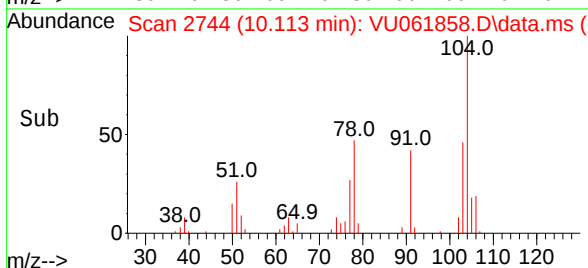
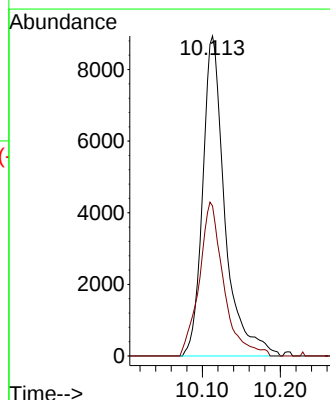
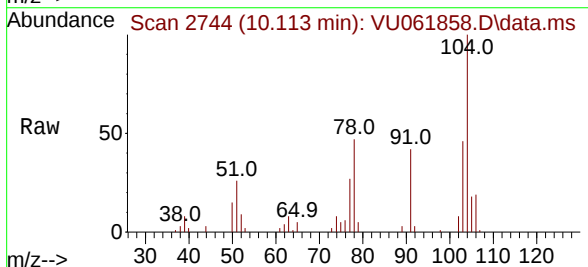
Instrument :
MSVOA_U
ClientSampleId :

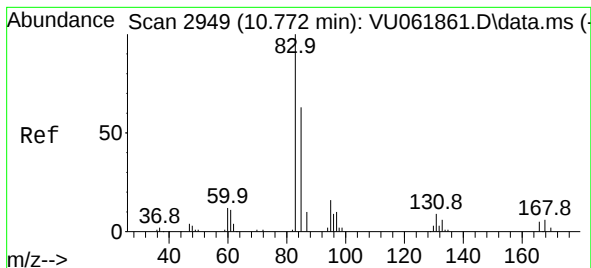
Tgt Ion:106 Resp: 11353
Ion Ratio Lower Upper
106 100
91 222.4 159.8 296.8



#55
Styrene
Concen: 0.448 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

Tgt Ion:104 Resp: 17697
Ion Ratio Lower Upper
104 100
78 46.9 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.421 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :

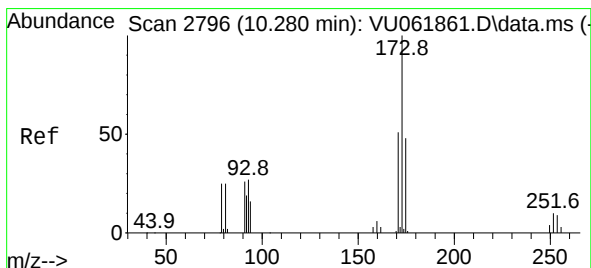
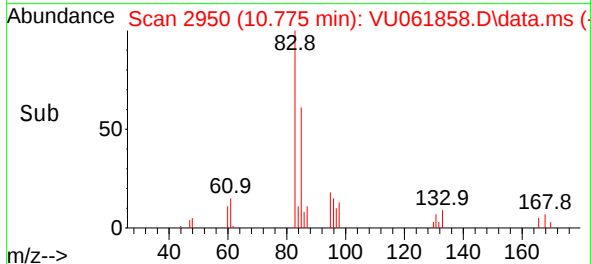
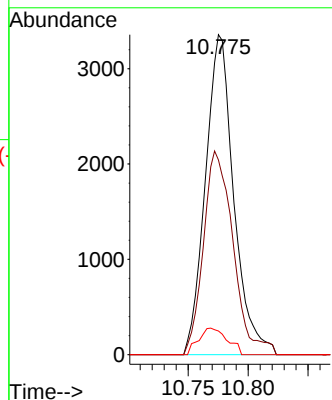
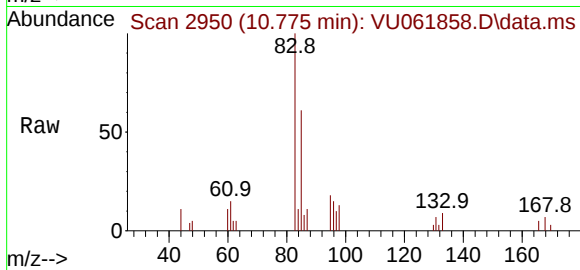
Tgt Ion: 83 Resp: 5522

Ion Ratio Lower Upper

83 100

85 60.9 44.4 82.4

131 7.4 7.3 10.9



#59

Bromoform

Concen: 0.512 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.010 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

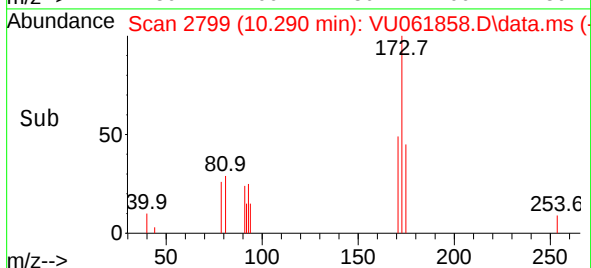
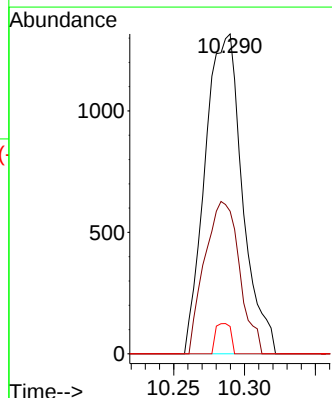
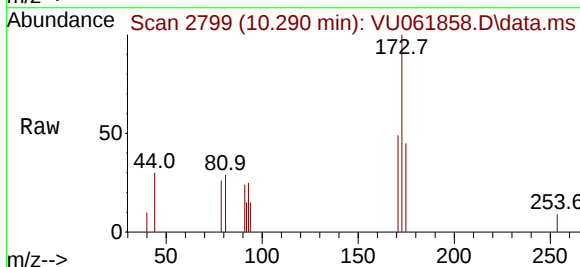
Tgt Ion:173 Resp: 2410

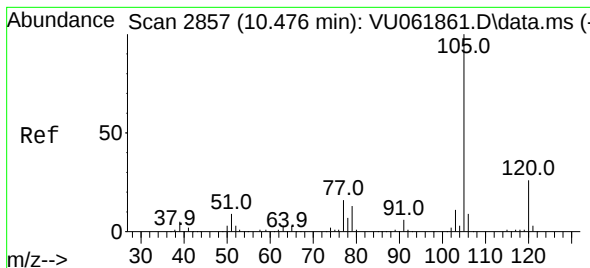
Ion Ratio Lower Upper

173 100

175 44.6 39.0 58.4

254 3.8 7.4 11.0#





#60

Isopropylbenzene

Concen: 0.535 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU061858.D

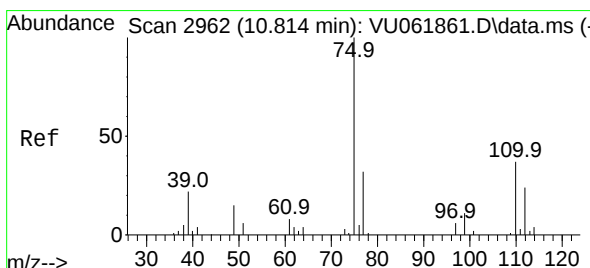
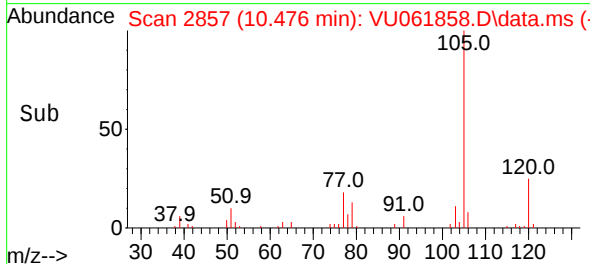
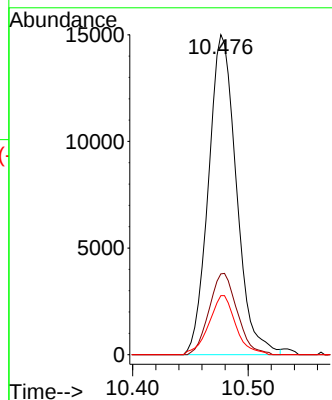
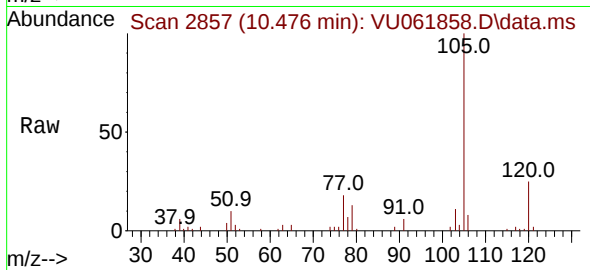
Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	25195
Ion Ratio	Lower	Upper
105	100	
120	25.5	20.6 31.0
77	17.8	13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 0.599 ug/L

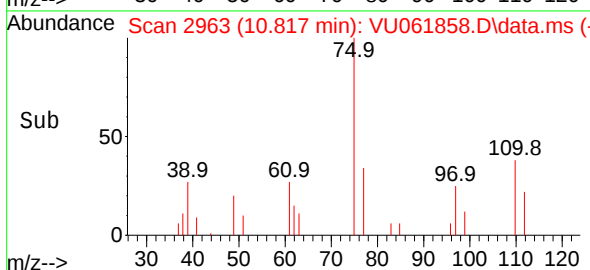
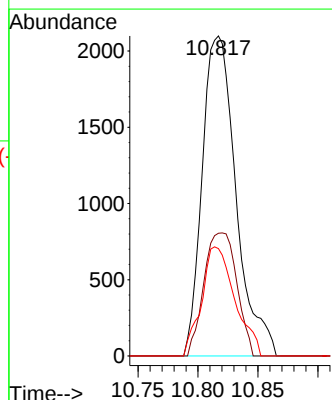
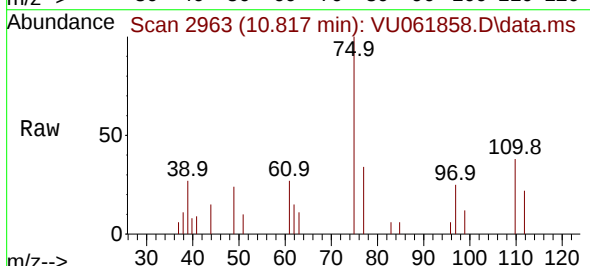
RT: 10.817 min Scan# 2963

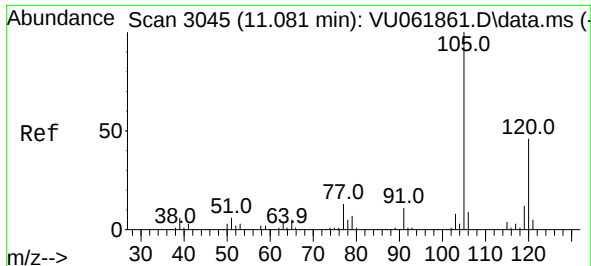
Delta R.T. 0.003 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Tgt Ion: 75	Resp:	4116
Ion Ratio	Lower	Upper
75	100	
110	37.2	28.9 43.3
77	33.6	26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 0.465 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

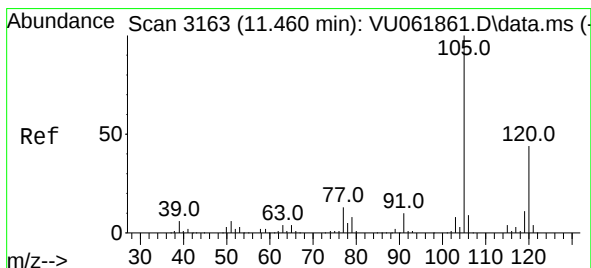
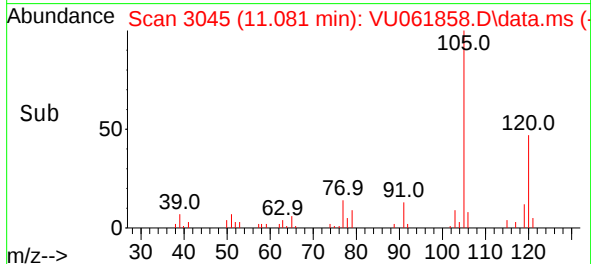
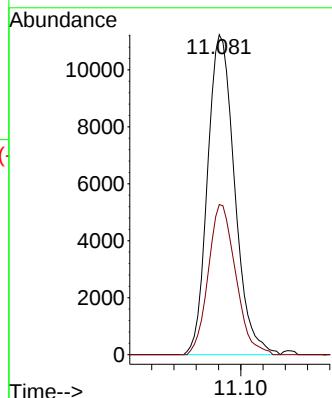
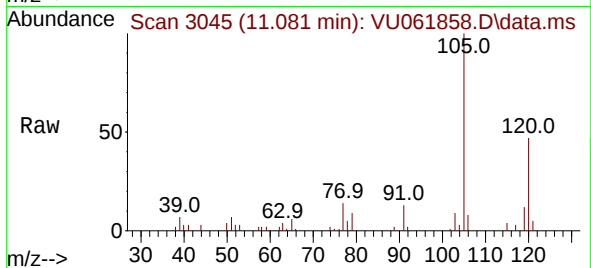
ClientSampleId :

Tgt Ion:105 Resp: 18980

Ion Ratio Lower Upper

105 100

120 47.4 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 0.475 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061858.D

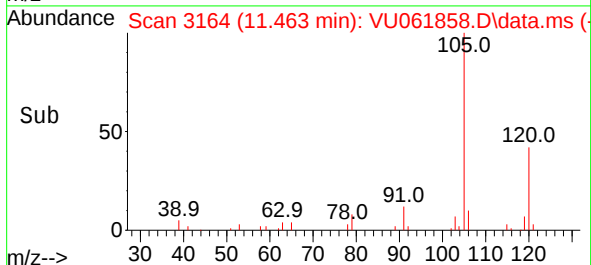
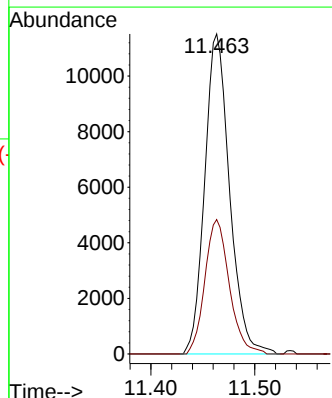
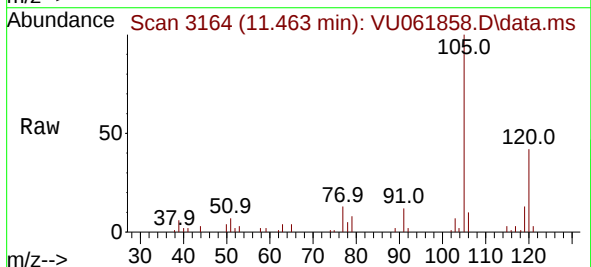
Acq: 20 Nov 2024 11:20

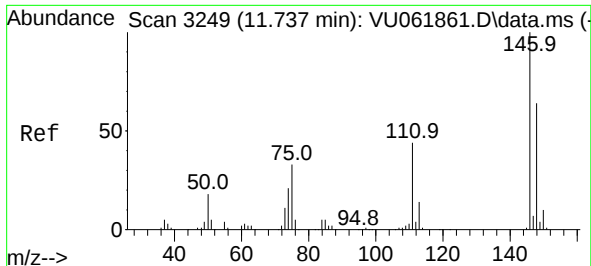
Tgt Ion:105 Resp: 19137

Ion Ratio Lower Upper

105 100

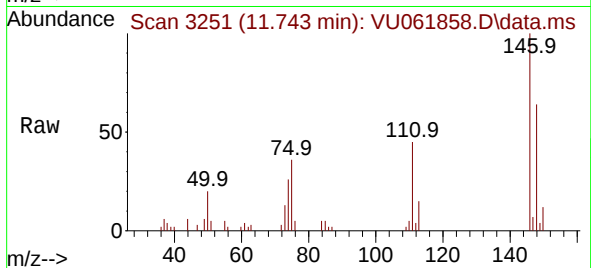
120 41.3 34.7 52.1



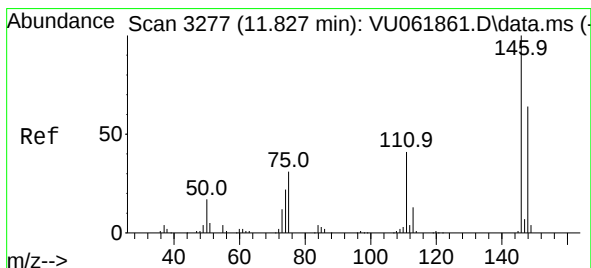
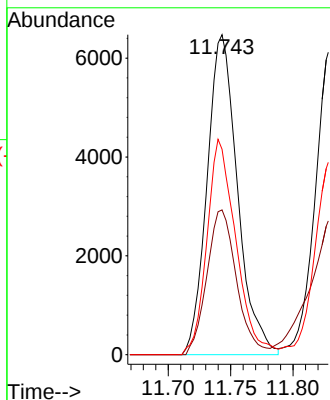
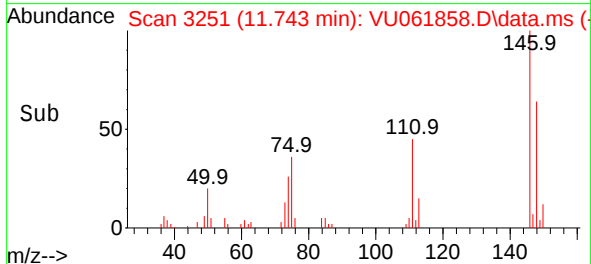


#64
1,3-Dichlorobenzene
Concen: 0.545 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20

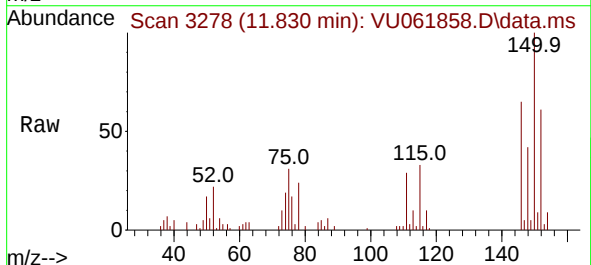
Instrument :
MSVOA_U
ClientSampleId :



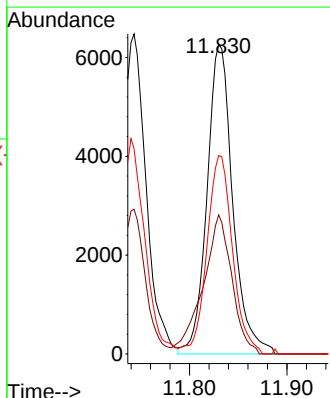
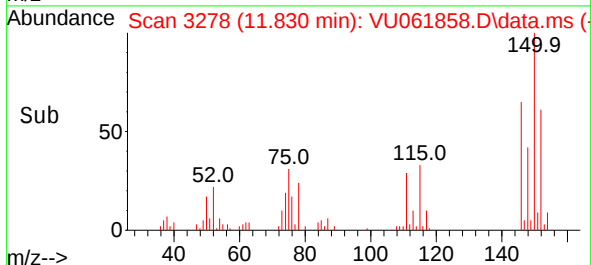
Tgt Ion:146 Resp: 11001
Ion Ratio Lower Upper
146 100
111 45.2 30.7 57.1
148 64.2 45.1 83.7

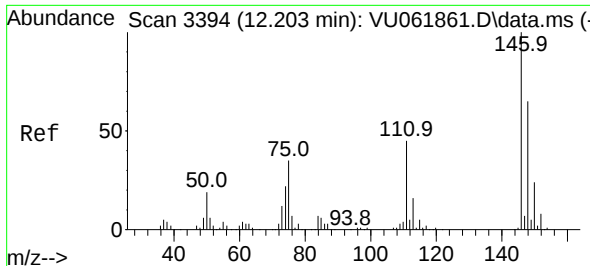


#65
1,4-Dichlorobenzene
Concen: 0.578 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU061858.D
Acq: 20 Nov 2024 11:20



Tgt Ion:146 Resp: 11512
Ion Ratio Lower Upper
146 100
111 44.9 29.3 54.3
148 64.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.587 ug/L

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :

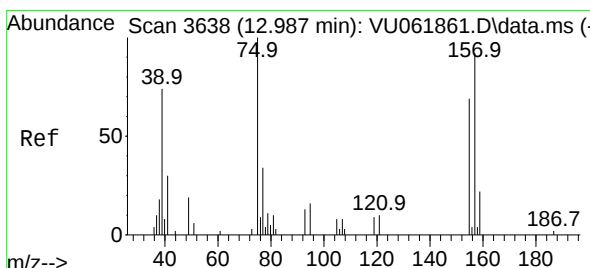
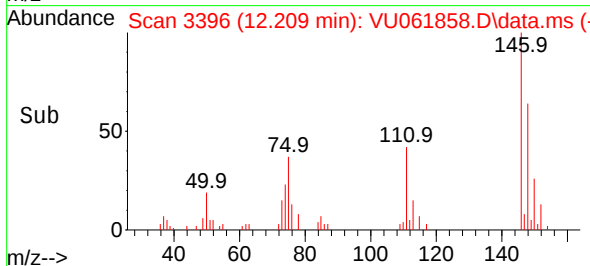
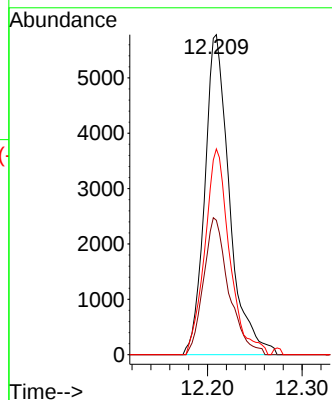
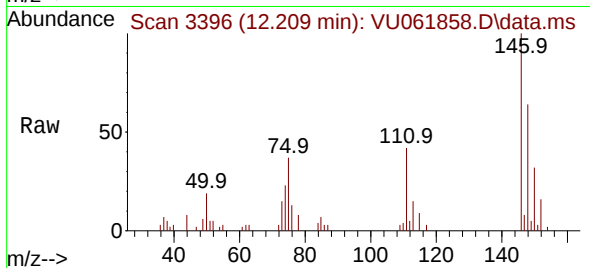
Tgt Ion:146 Resp: 10518

Ion Ratio Lower Upper

146 100

111 42.0 36.0 54.0

148 64.3 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.227 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

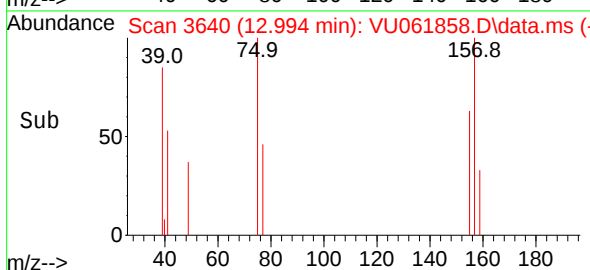
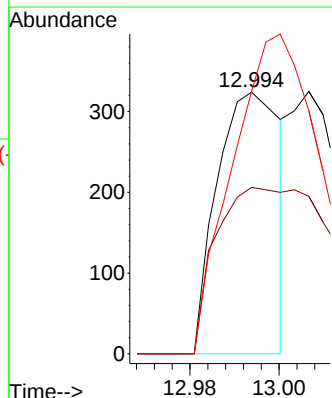
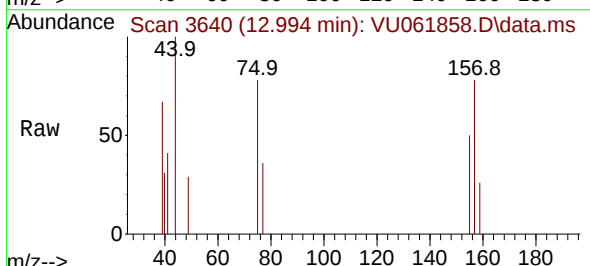
Tgt Ion: 75 Resp: 317

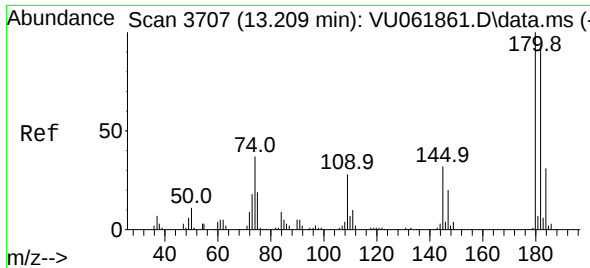
Ion Ratio Lower Upper

75 100

155 63.6 55.2 82.8

157 100.3 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 0.529 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.010 min

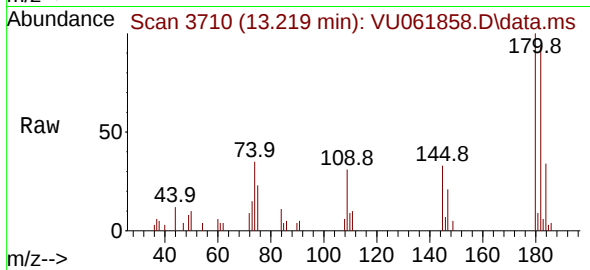
Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 7091

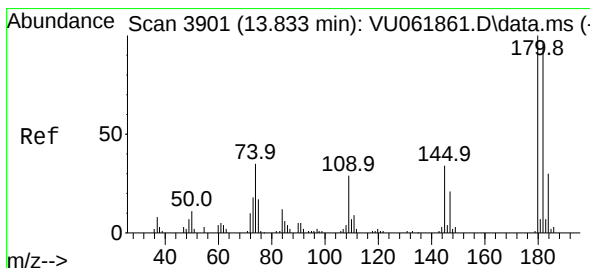
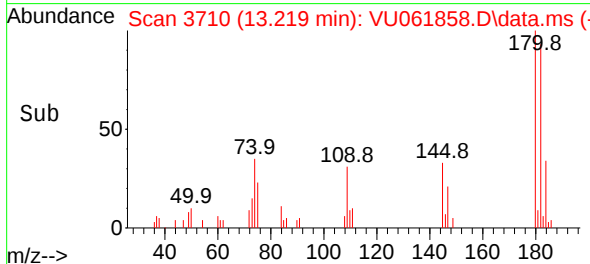
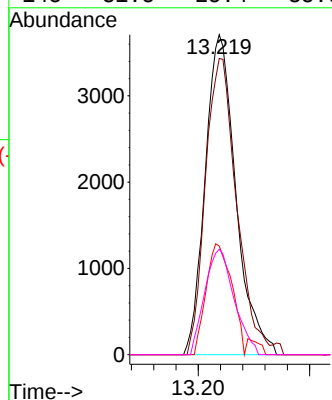
Ion Ratio Lower Upper

180 100

182 94.4 76.7 115.1

184 28.9 24.8 37.2

145 31.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.517 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

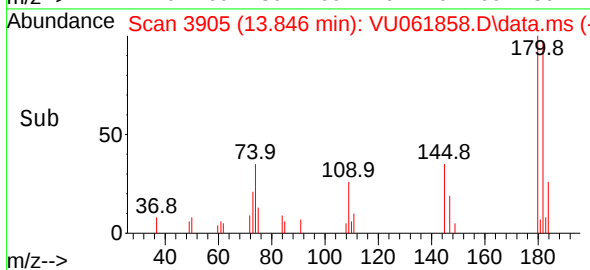
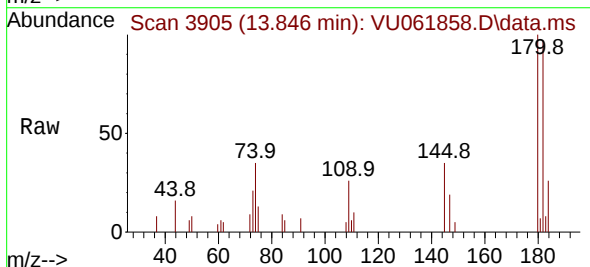
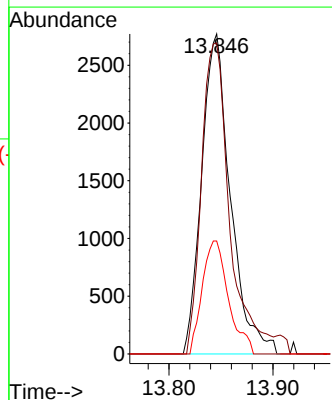
Tgt Ion:180 Resp: 5323

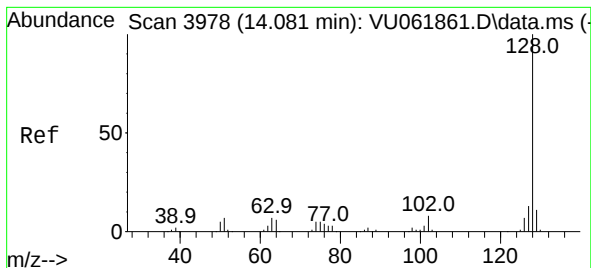
Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

145 32.2 25.6 38.4





#71

Naphthalene

Concen: 0.537 ug/L

RT: 14.097 min Scan# 3978

Delta R.T. 0.016 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Instrument :

MSVOA_U

ClientSampleId :

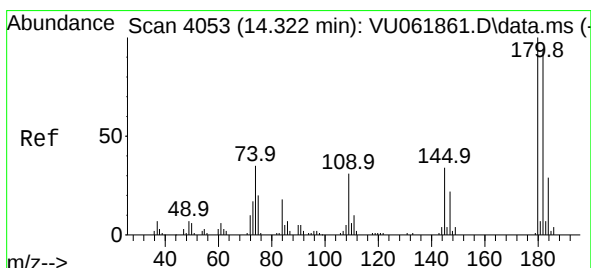
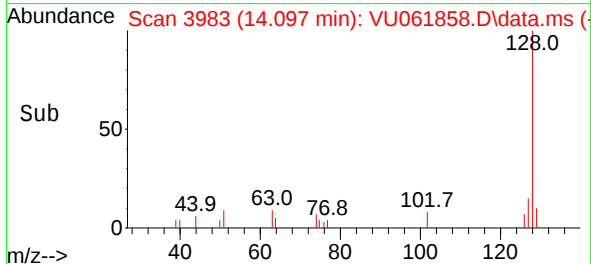
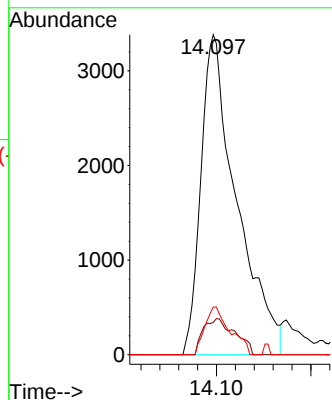
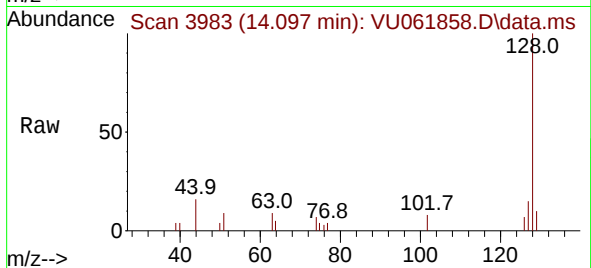
Tgt Ion:128 Resp: 8852

Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

127 10.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.548 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU061858.D

Acq: 20 Nov 2024 11:20

Tgt Ion:180 Resp: 4710

Ion Ratio Lower Upper

180 100

182 101.6 76.1 114.1

145 31.3 27.4 41.0

