

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061191.D
 Acq On : 23 Oct 2024 10:48
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 24 01:14:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	193007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	85395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	132816	10.130	ug/L	0.00
7) Chloroethane-d5	1.907	69	122755	10.213	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	57010	10.163	ug/L	0.00
20) 2-Butanone-d5	4.621	46	284733	108.259	ug/L	0.00
24) Chloroform-d	5.052	84	256944	10.325	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	128518	10.361	ug/L	0.00
32) Benzene-d6	5.717	84	519662	10.307	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	156931	10.353	ug/L	0.00
41) Toluene-d8	7.888	98	495055	10.501	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	67749	10.949	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	278595	109.932	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	120781	10.537	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	161472	10.678	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	130152	10.115	ug/L	100
3) Chloromethane	1.515	50	138410	10.200	ug/L	99
5) Vinyl chloride	1.599	62	151723	10.170	ug/L	98
6) Bromomethane	1.853	94	102754	10.394	ug/L	97
8) Chloroethane	1.930	64	113470	10.331	ug/L	100
9) Trichlorofluoromethane	2.132	101	210697	10.398	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	121272	10.079	ug/L	99
12) 1,1-Dichloroethene	2.573	96	119259	10.451	ug/L	96
13) Acetone	2.640	43	171352	101.633	ug/L	97
14) Carbon disulfide	2.785	76	388575	10.206	ug/L	99
15) Methyl Acetate	2.949	43	42085	10.079	ug/L	97
16) Methylene chloride	3.036	84	132849	9.880	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	325429	10.523	ug/L	99
18) trans-1,2-Dichloroethene	3.344	96	131184	10.397	ug/L	97
19) 1,1-Dichloroethane	3.859	63	246885	10.374	ug/L	99
21) 2-Butanone	4.701	43	290498	111.029	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	150344	10.431	ug/L	99
23) Bromochloromethane	4.965	128	64211	10.588	ug/L	96
25) Chloroform	5.078	83	256859	10.265	ug/L	99
27) 1,2-Dichloroethane	5.785	62	162315	10.265	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	223507	10.200	ug/L	99
30) Cyclohexane	5.380	56	220526	10.034	ug/L	100
31) Carbon tetrachloride	5.515	117	192081	10.245	ug/L	98
33) Benzene	5.766	78	572651	10.348	ug/L	100
34) Trichloroethene	6.534	95	154702	10.277	ug/L	99
35) Methylcyclohexane	6.753	83	241470	10.078	ug/L	99
37) 1,2-Dichloropropane	6.782	63	147208	10.495	ug/L	99
38) Bromodichloromethane	7.097	83	186860	10.526	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	234765	10.836	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	745869	106.841	ug/L	99
42) Toluene	7.958	91	622157	10.353	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	190006	10.764	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
 Data File : VU061191.D
 Acq On : 23 Oct 2024 10:48
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

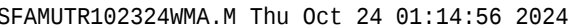
Quant Time: Oct 24 01:14:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 24 01:12:37 2024
 Response via : Initial Calibration

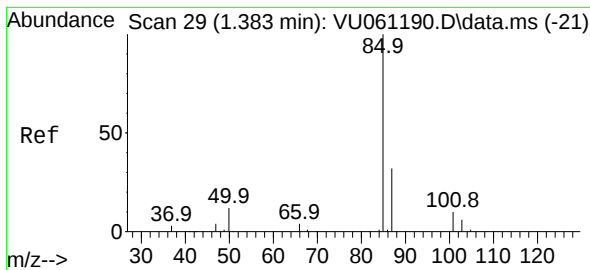
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.389	97	105479	10.449	ug/L	98
47) Tetrachloroethene	8.544	164	110203	10.482	ug/L	99
48) 2-Hexanone	8.675	43	538751	109.133	ug/L	100
49) Dibromochloromethane	8.801	129	122062	10.661	ug/L	94
50) 1,2-Dibromoethane	8.913	107	101189	10.319	ug/L	94
51) Chlorobenzene	9.437	112	397305	10.460	ug/L	99
52) Ethylbenzene	9.563	91	697783	10.556	ug/L	99
53) m,p-Xylene	9.685	106	267311	10.615	ug/L	98
54) o-Xylene	10.090	106	260941	10.499	ug/L	96
55) Styrene	10.106	104	430266	10.799	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	128246	10.544	ug/L	99
59) Bromoform	10.283	173	68039	10.764	ug/L	99
60) Isopropylbenzene	10.476	105	685739	10.512	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	89132	10.478	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	572236	10.775	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	564078	10.745	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	295019	10.745	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	292285	10.443	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	270656	10.474	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	19736	11.049	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	206801	10.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	172915	11.385	ug/L	99
71) Naphthalene	14.077	128	287660	12.158	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	147074	11.575	ug/L	100

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

Quant Time: Oct 24 01:14:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 24 01:12:37 2024
Response via : Initial Calibration

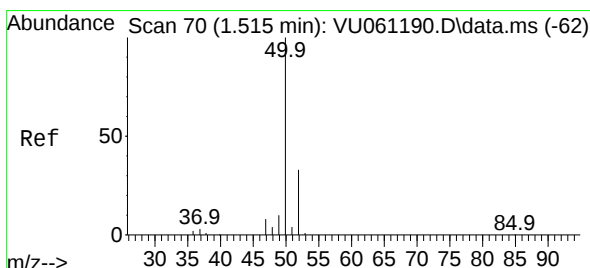
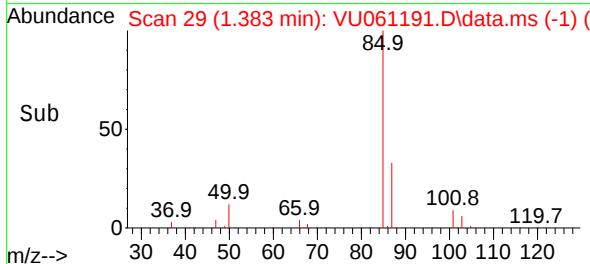
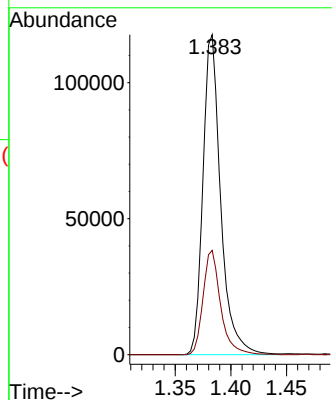
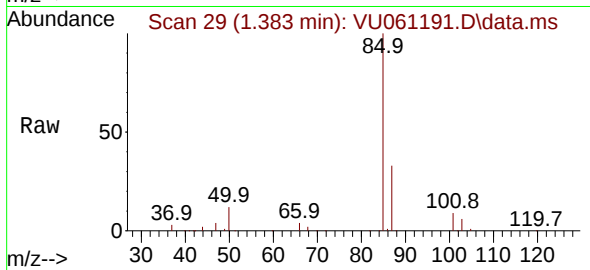




#2
 Dichlorodifluoromethane
 Concen: 10.115 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

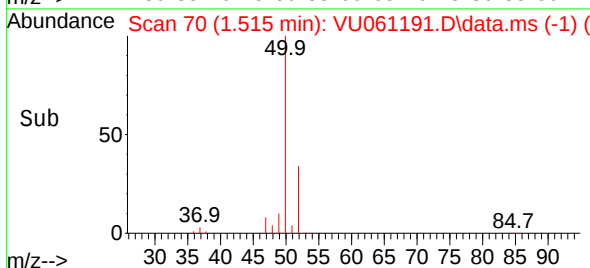
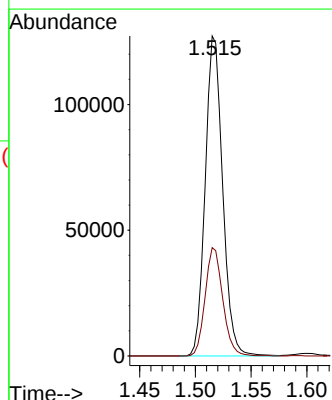
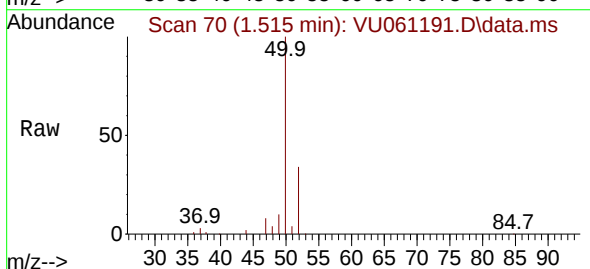
Instrument :
 MSVOA_U
 ClientSampleId :

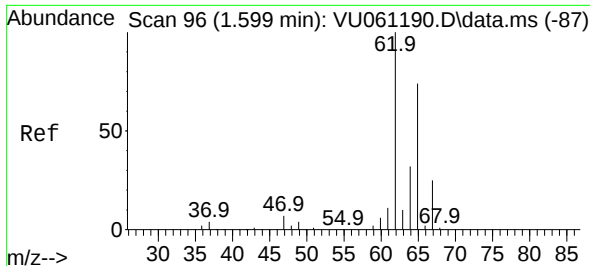
Tgt Ion: 85 Resp: 130152
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.7 38.5



#3
 Chloromethane
 Concen: 10.200 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

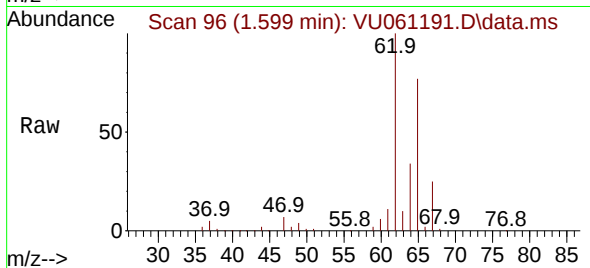
Tgt Ion: 50 Resp: 138410
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.4



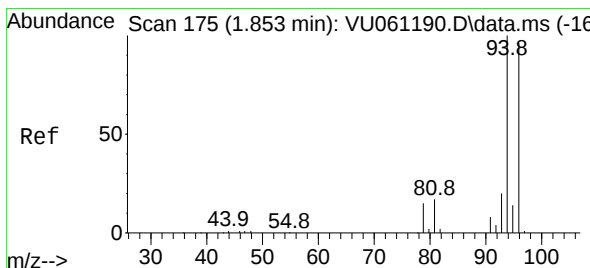
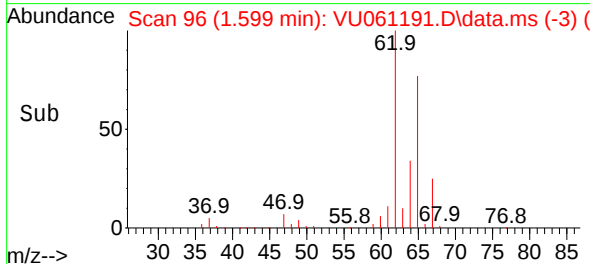
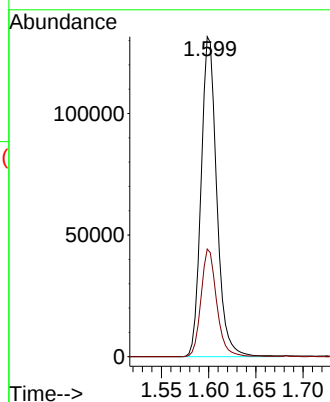


#5
 Vinyl chloride
 Concen: 10.170 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

Instrument :
 MSVOA_U
 ClientSampleId :

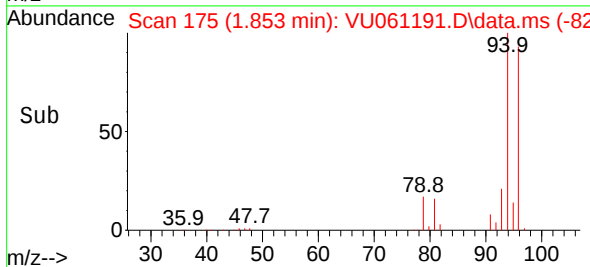
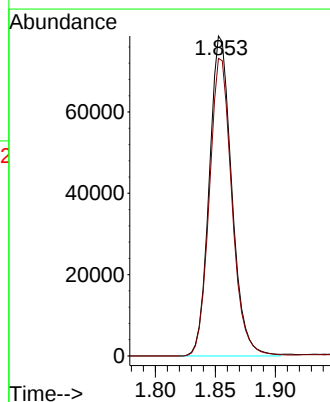
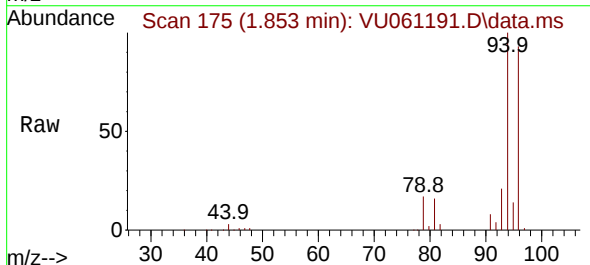


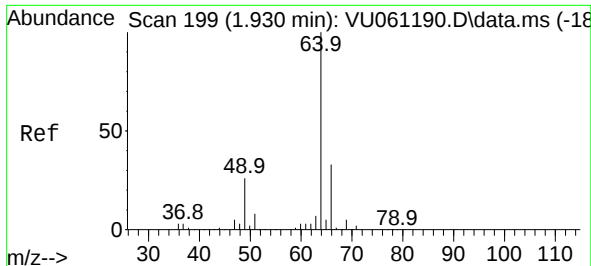
Tgt Ion: 62 Resp: 151723
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.6 42.0



#6
 Bromomethane
 Concen: 10.394 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

Tgt Ion: 94 Resp: 102754
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.9 124.3

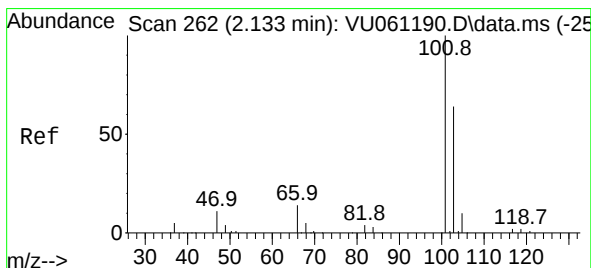
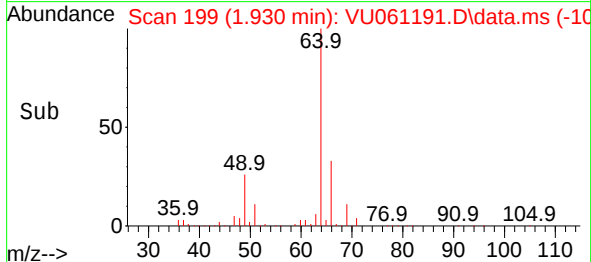
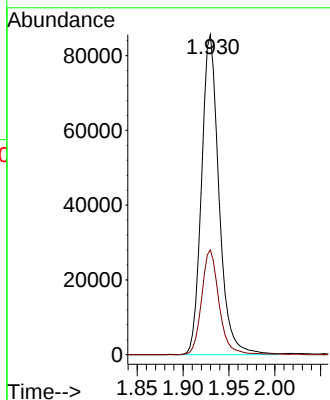
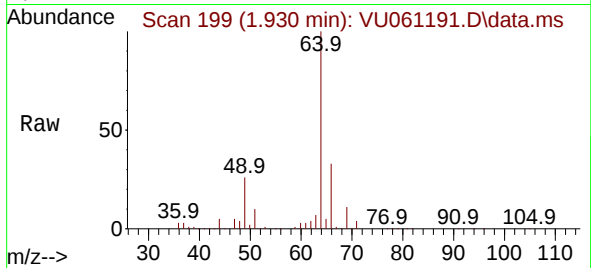




#8
Chloroethane
Concen: 10.331 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

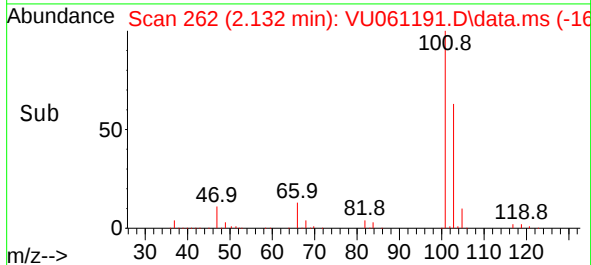
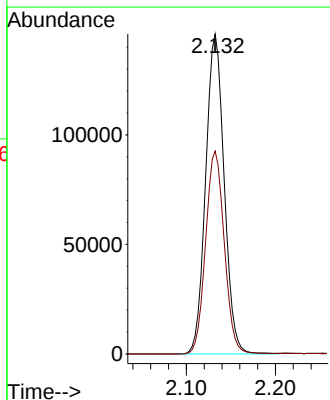
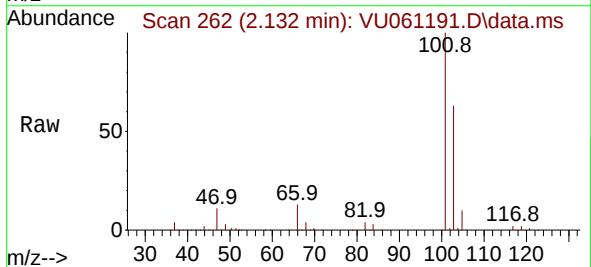
Instrument :
MSVOA_U
ClientSampleId :

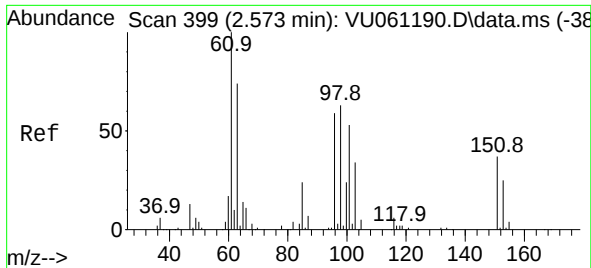
Tgt Ion: 64 Resp: 113470
Ion Ratio Lower Upper
64 100
66 32.7 23.1 42.9



#9
Trichlorofluoromethane
Concen: 10.398 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion:101 Resp: 210697
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8

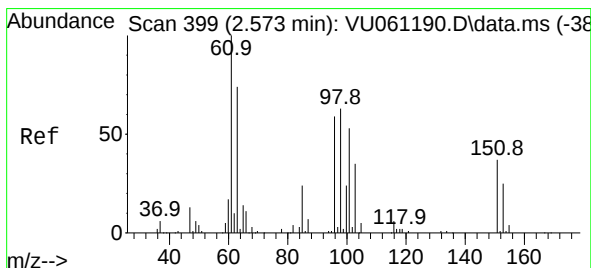
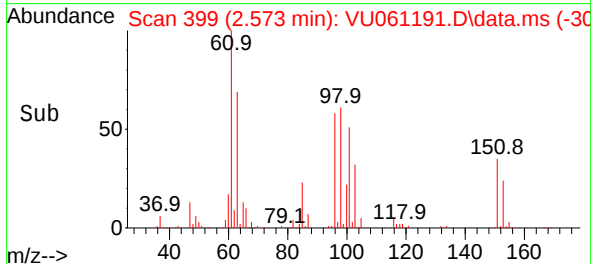
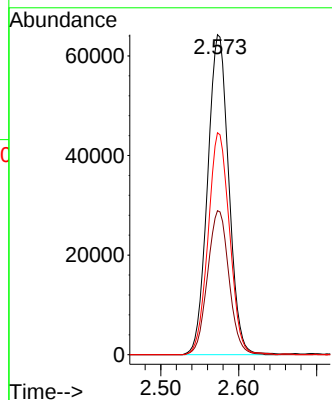
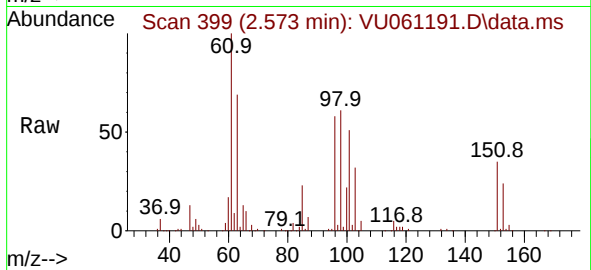




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.079 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

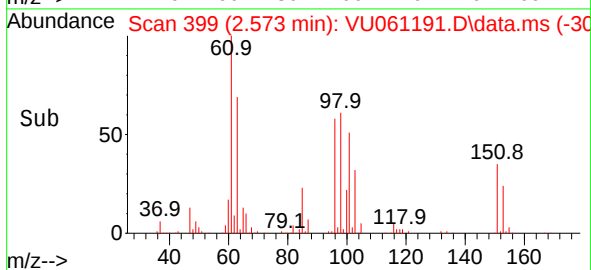
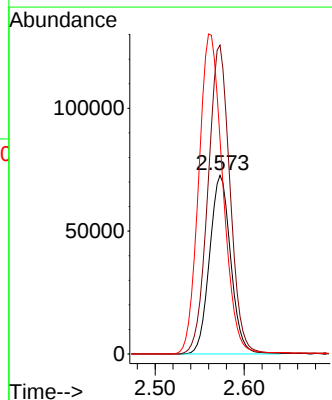
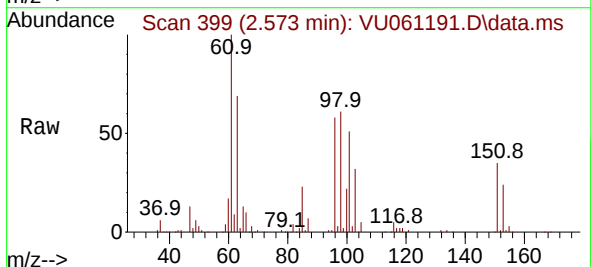
Instrument :
MSVOA_U
ClientSampleId :

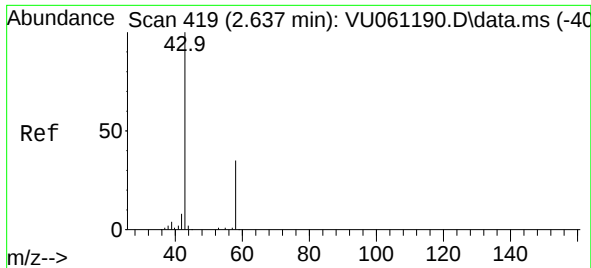
Tgt Ion:101 Resp: 121272
Ion Ratio Lower Upper
101 100
85 45.5 35.6 53.4
151 70.3 55.9 83.9



#12
1,1-Dichloroethene
Concen: 10.451 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion: 96 Resp: 119259
Ion Ratio Lower Upper
96 100
61 172.9 119.1 221.1
63 120.1 89.4 166.0





#13

Acetone

Concen: 101.633 ug/L

RT: 2.640 min Scan# 419

Delta R.T. 0.003 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

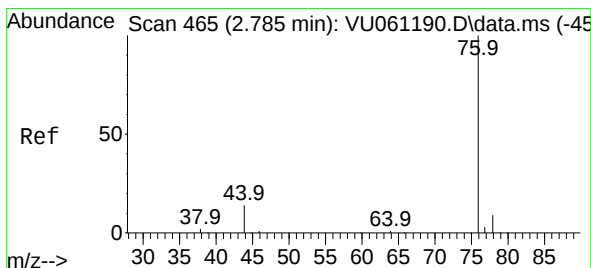
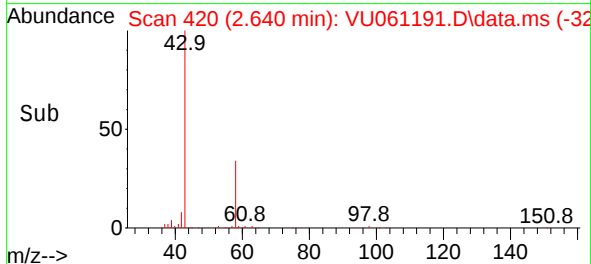
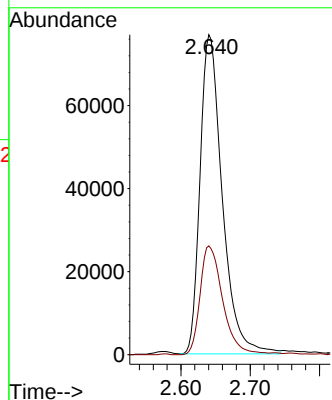
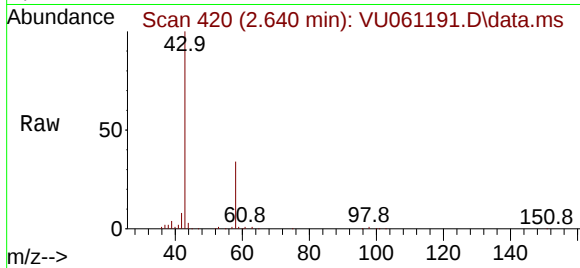
ClientSampleId :

Tgt Ion: 43 Resp: 171352

Ion Ratio Lower Upper

43 100

58 34.6 0.0 73.2



#14

Carbon disulfide

Concen: 10.206 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU061191.D

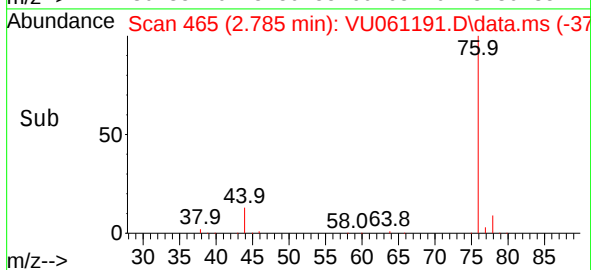
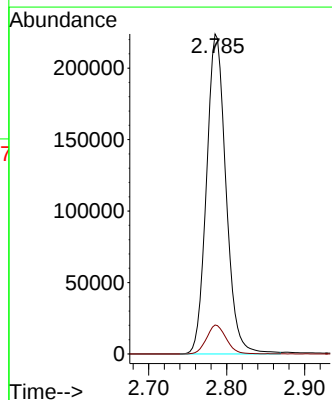
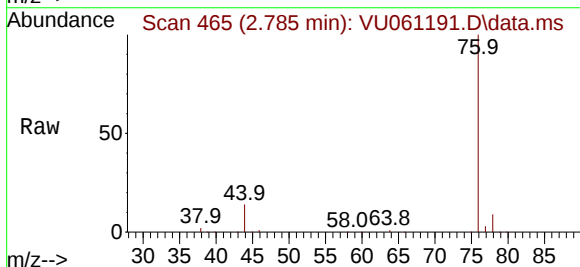
Acq: 23 Oct 2024 10:48

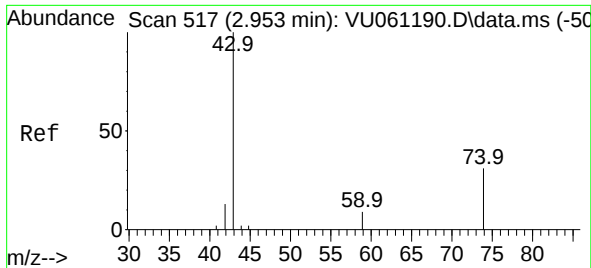
Tgt Ion: 76 Resp: 388575

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 10.079 ug/L

RT: 2.949 min Scan# 517

Delta R.T. -0.004 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

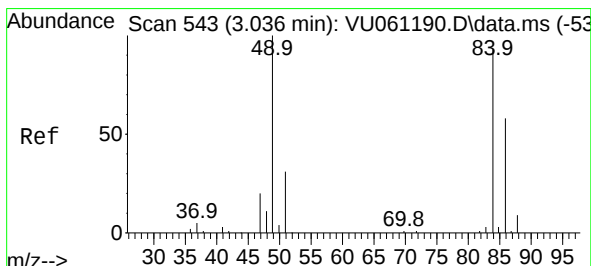
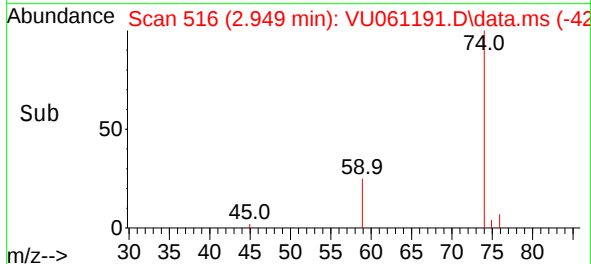
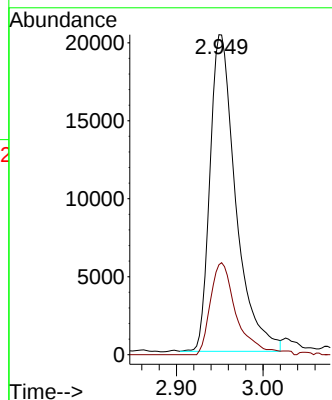
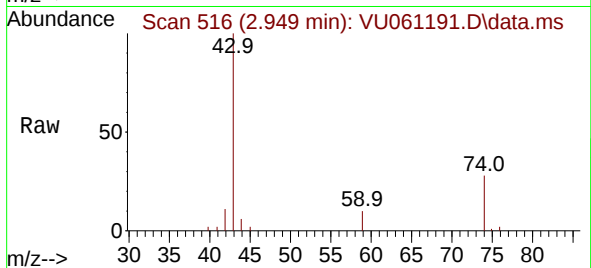
ClientSampleId :

Tgt Ion: 43 Resp: 42085

Ion Ratio Lower Upper

43 100

74 29.1 22.2 33.4



#16

Methylene chloride

Concen: 9.880 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

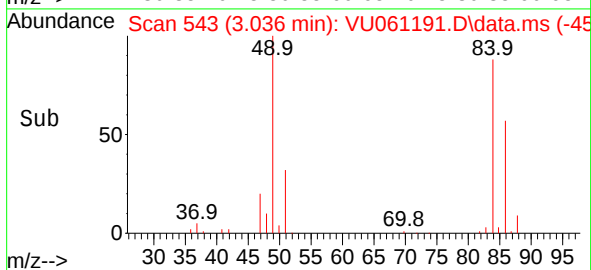
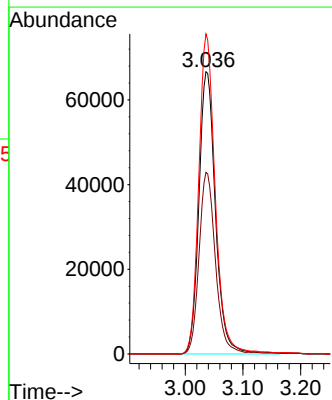
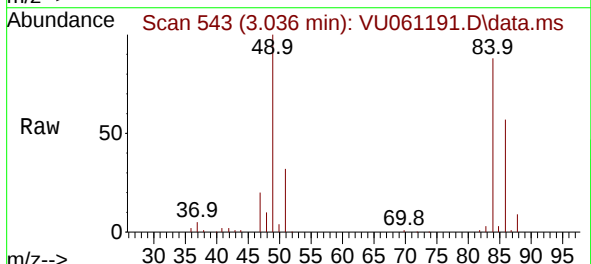
Tgt Ion: 84 Resp: 132849

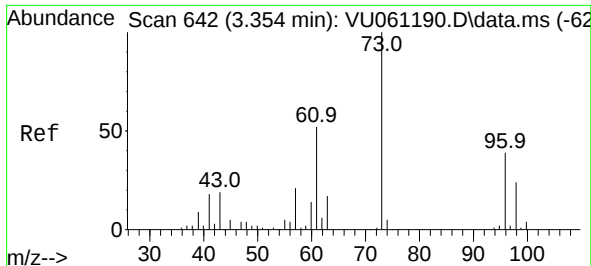
Ion Ratio Lower Upper

84 100

86 64.4 43.5 80.7

49 113.4 75.7 140.7

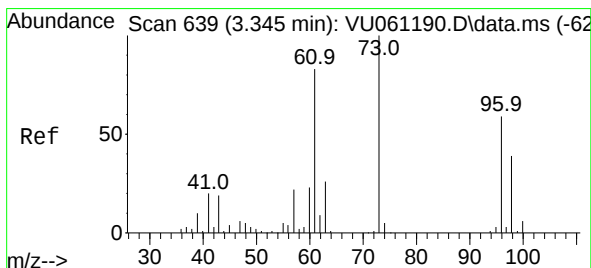
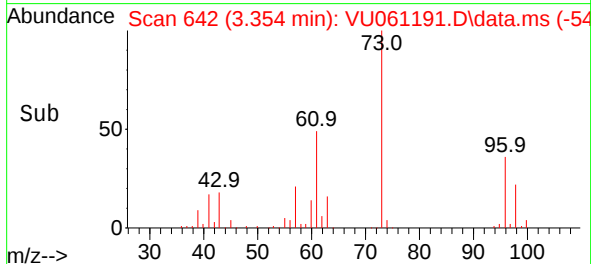
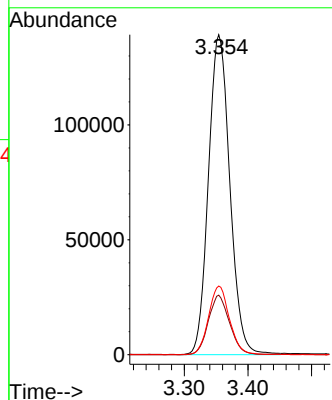
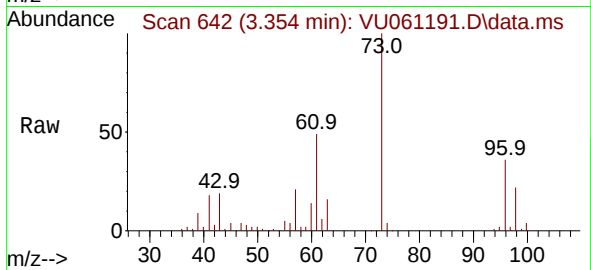




#17
Methyl tert-butyl Ether
Concen: 10.523 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

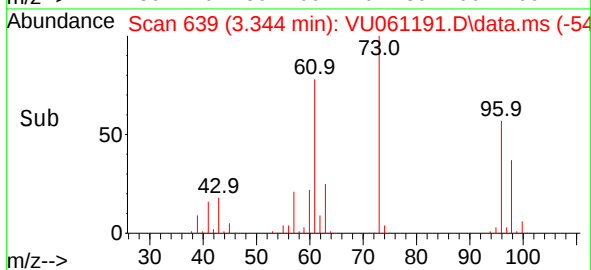
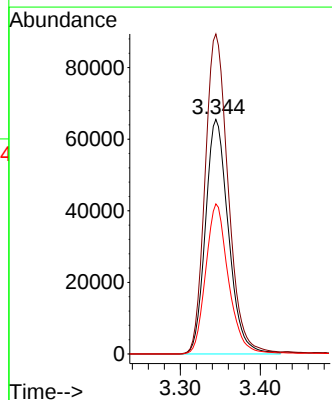
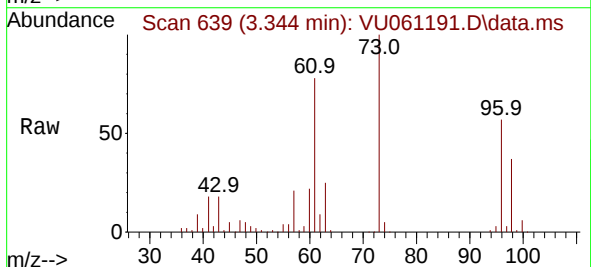
Instrument :
MSVOA_U
ClientSampleId :

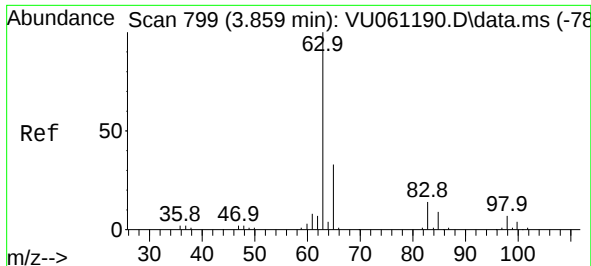
Tgt Ion: 73 Resp: 325429
Ion Ratio Lower Upper
73 100
43 18.4 15.0 22.4
57 20.9 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 10.397 ug/L
RT: 3.344 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion: 96 Resp: 131184
Ion Ratio Lower Upper
96 100
61 136.4 97.9 181.7
98 64.0 46.2 85.8

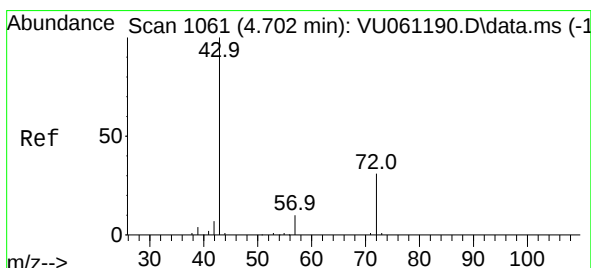
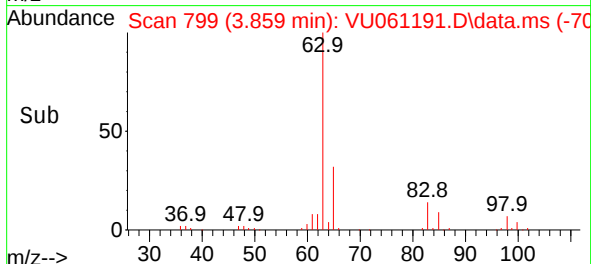
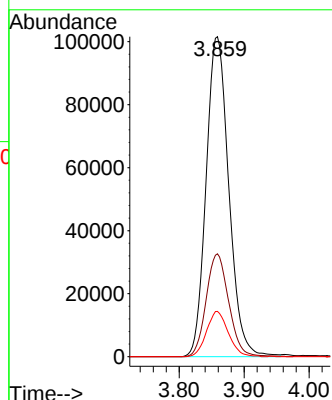
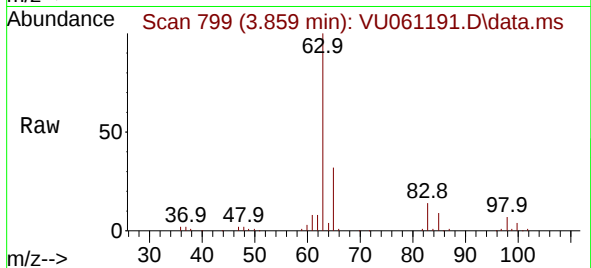




#19
1,1-Dichloroethane
Concen: 10.374 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

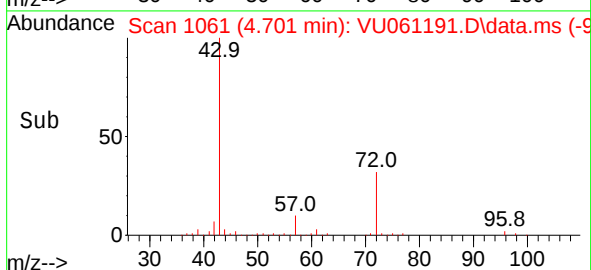
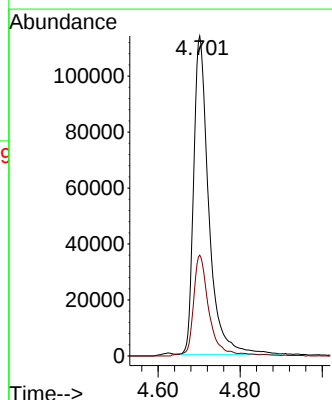
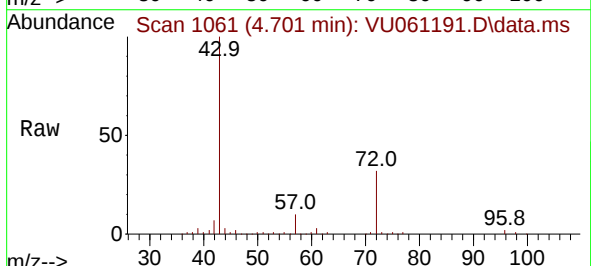
Instrument :
MSVOA_U
ClientSampleId :

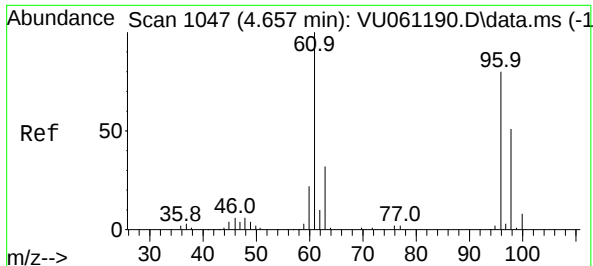
Tgt Ion: 63 Resp: 246885
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.6
83 14.2 9.7 17.9



#21
2-Butanone
Concen: 111.029 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

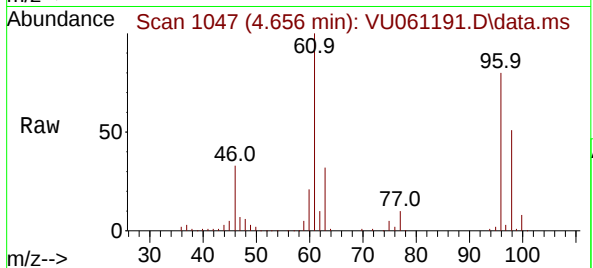
Tgt Ion: 43 Resp: 290498
Ion Ratio Lower Upper
43 100
72 31.9 15.9 47.6



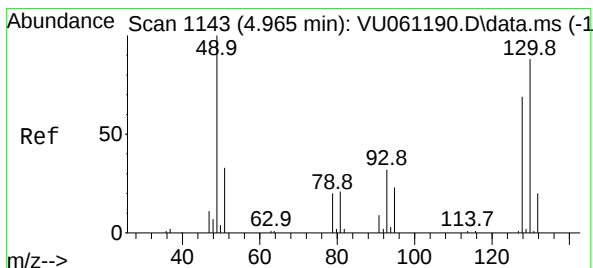
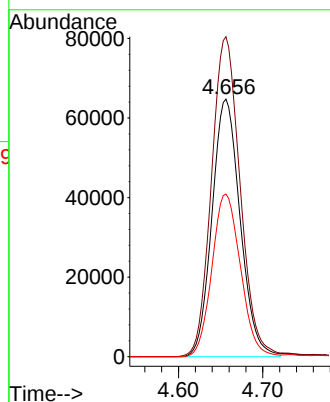
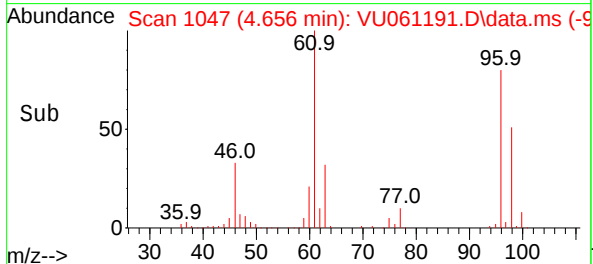


#22
cis-1,2-Dichloroethene
Concen: 10.431 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Instrument :
MSVOA_U
ClientSampleId :

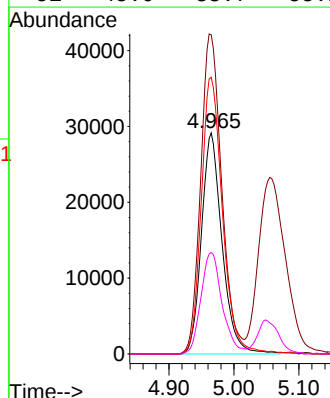
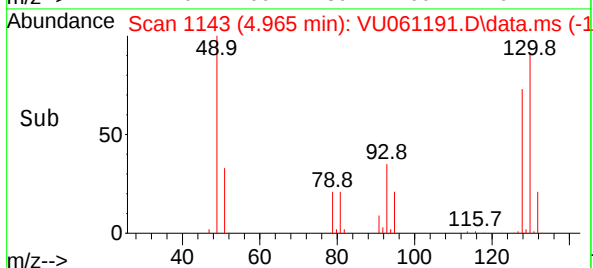
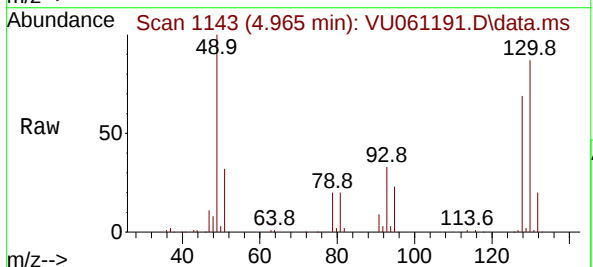


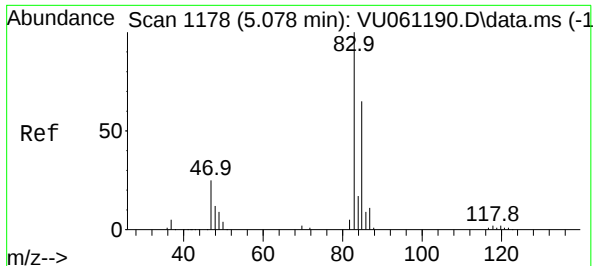
Tgt Ion: 96 Resp: 150344
Ion Ratio Lower Upper
96 100
61 124.3 88.1 163.5
98 63.2 45.0 83.6



#23
Bromochloromethane
Concen: 10.588 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion: 128 Resp: 64211
Ion Ratio Lower Upper
128 100
49 144.3 105.1 195.1
130 125.1 89.6 166.4
51 45.9 38.7 58.1





#25

Chloroform

Concen: 10.265 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

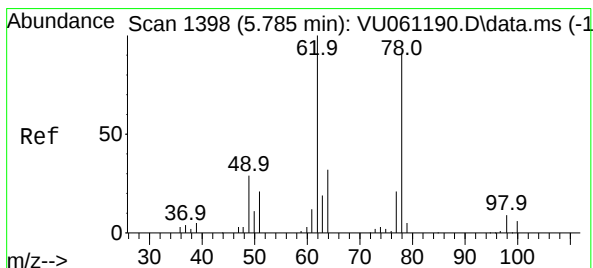
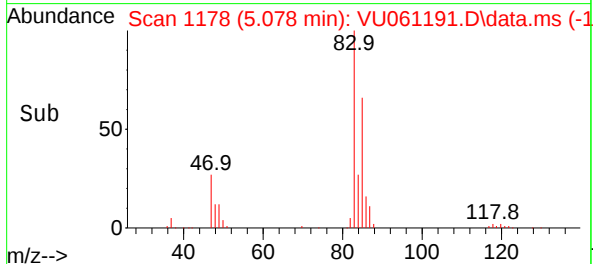
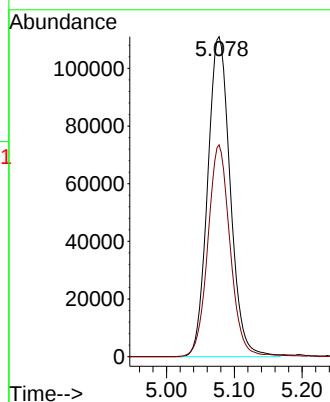
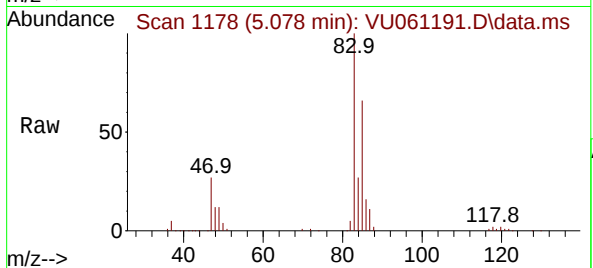
ClientSampleId :

Tgt Ion: 83 Resp: 256859

Ion Ratio Lower Upper

83 100

85 66.2 45.6 84.6



#27

1,2-Dichloroethane

Concen: 10.265 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU061191.D

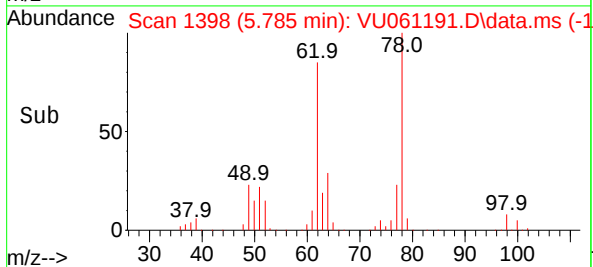
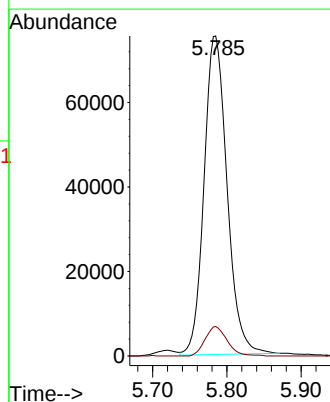
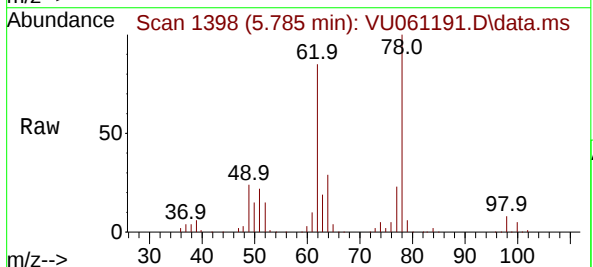
Acq: 23 Oct 2024 10:48

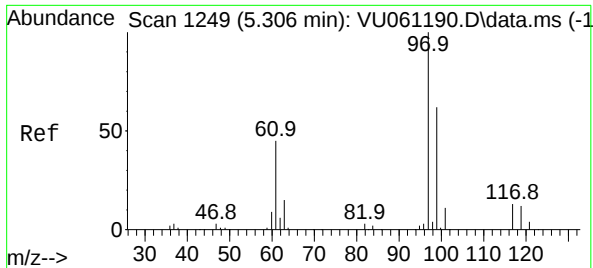
Tgt Ion: 62 Resp: 162315

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

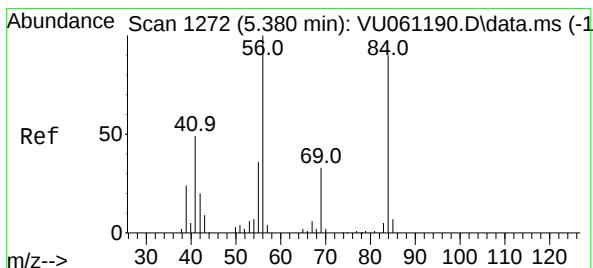
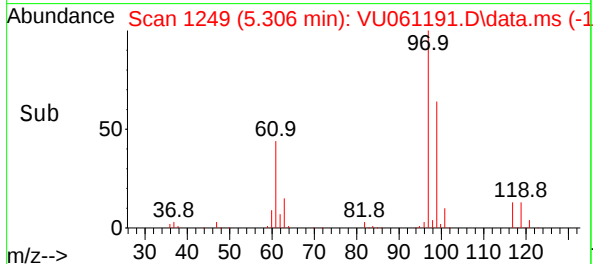
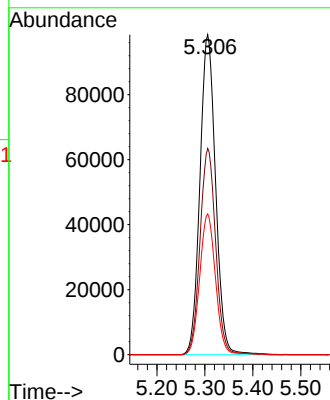
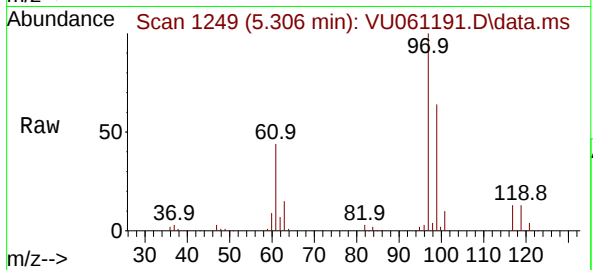




#29
1,1,1-Trichloroethane
Concen: 10.200 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

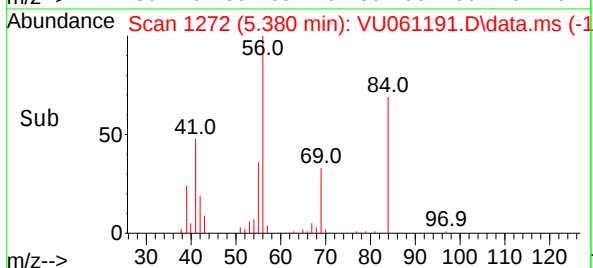
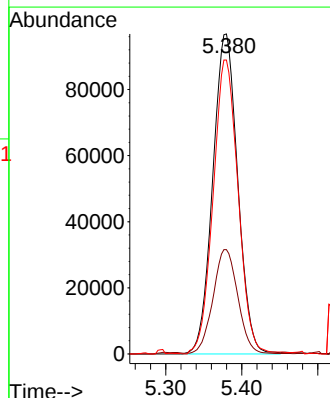
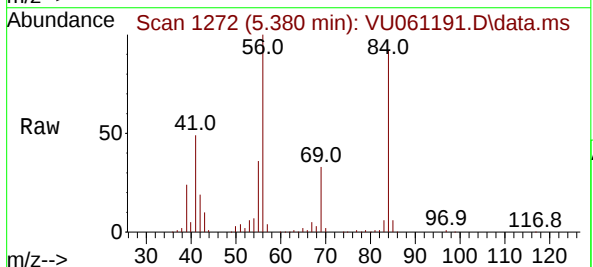
Instrument :
MSVOA_U
ClientSampleId :

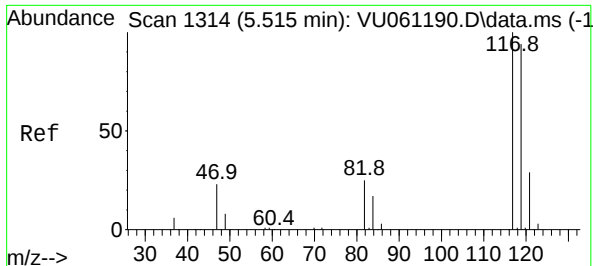
Tgt Ion: 97 Resp: 223507
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 44.6 36.1 54.1



#30
Cyclohexane
Concen: 10.034 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion: 56 Resp: 220526
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.6
84 91.8 73.9 110.9

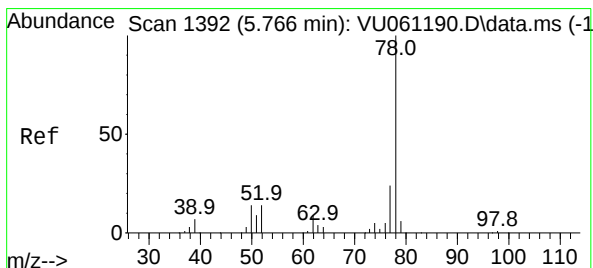
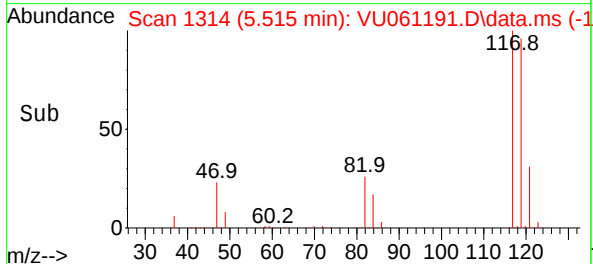
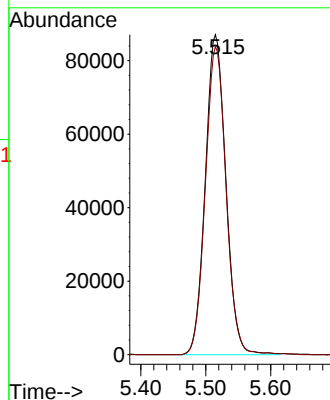
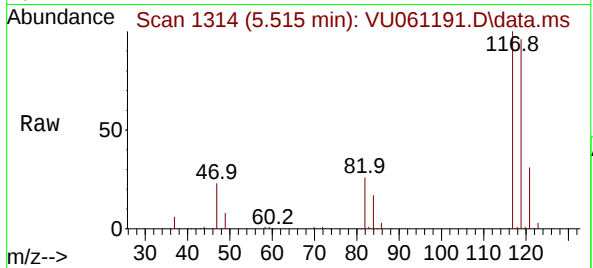




#31
Carbon tetrachloride
Concen: 10.245 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

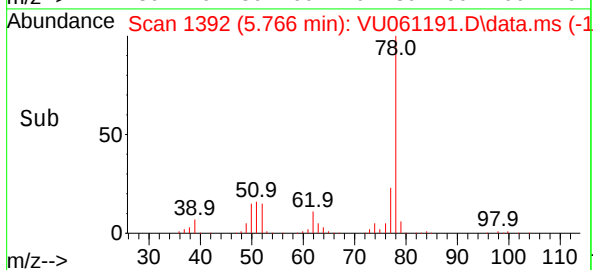
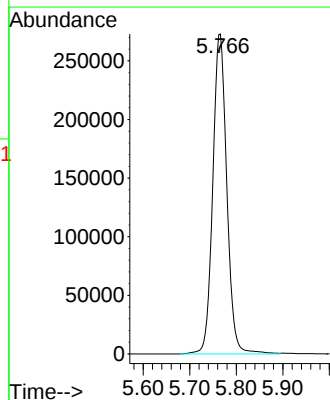
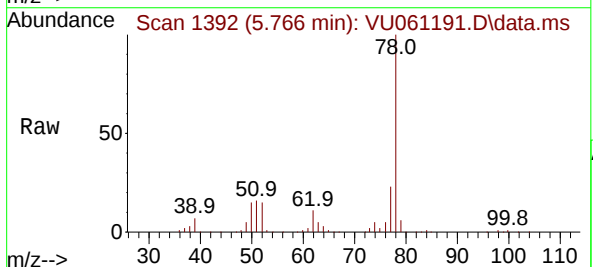
Instrument :
MSVOA_U
ClientSampleId :

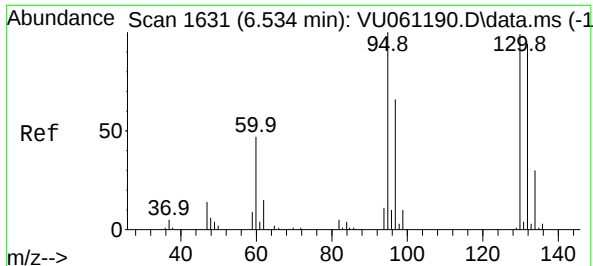
Tgt Ion:117 Resp: 192081
Ion Ratio Lower Upper
117 100
119 96.4 75.5 113.3



#33
Benzene
Concen: 10.348 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion: 78 Resp: 572651





#34

Trichloroethene

Concen: 10.277 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 154702

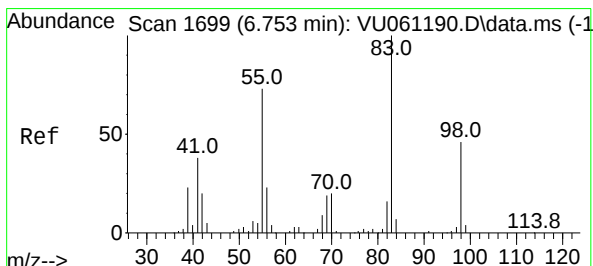
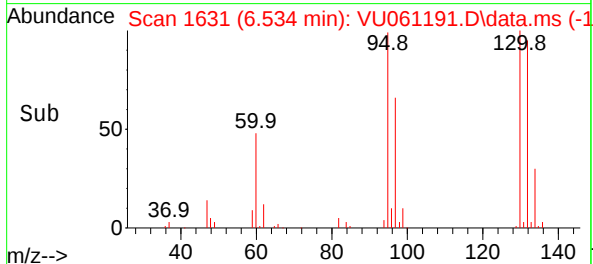
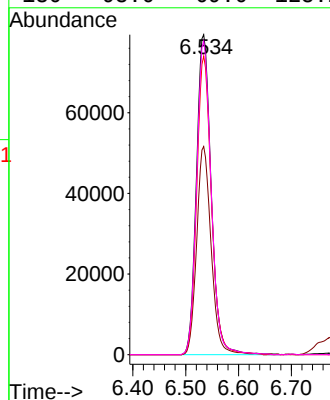
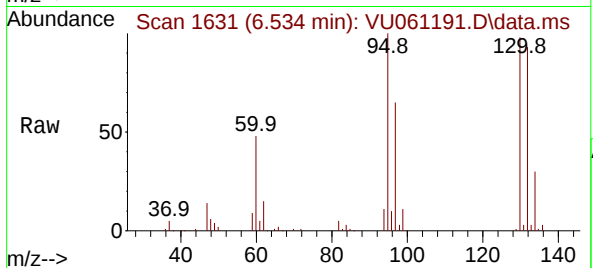
Ion Ratio Lower Upper

95 100

97 65.0 46.1 85.7

132 93.3 66.1 122.7

130 98.0 69.0 128.2



#35

Methylcyclohexane

Concen: 10.078 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

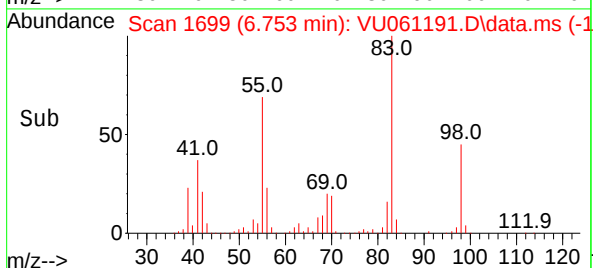
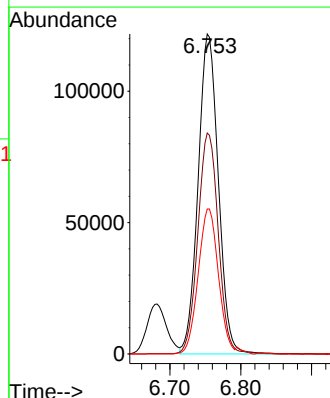
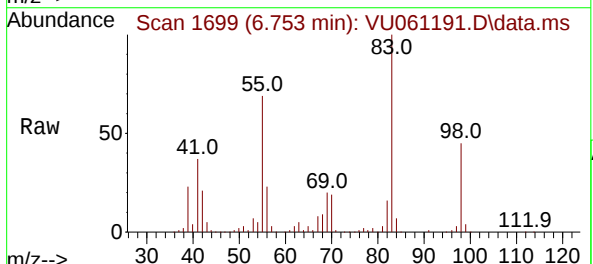
Tgt Ion: 83 Resp: 241470

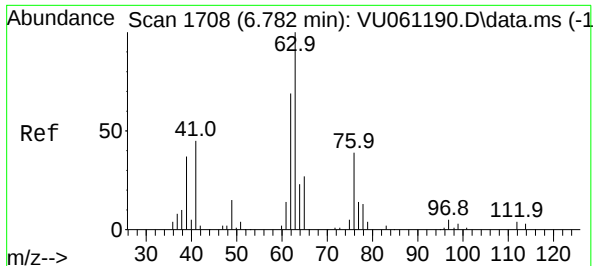
Ion Ratio Lower Upper

83 100

55 69.3 55.9 83.9

98 45.2 35.9 53.9

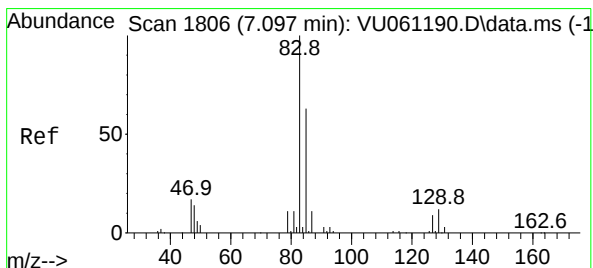
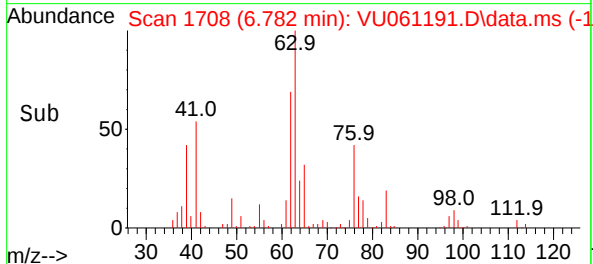
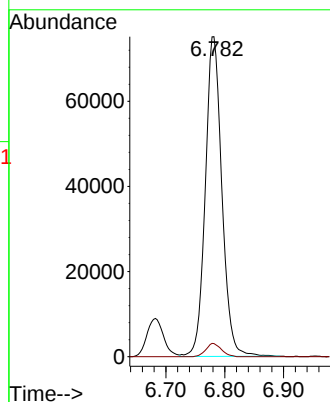
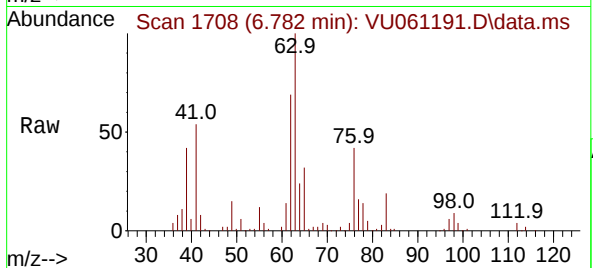




#37
1,2-Dichloropropane
Concen: 10.495 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

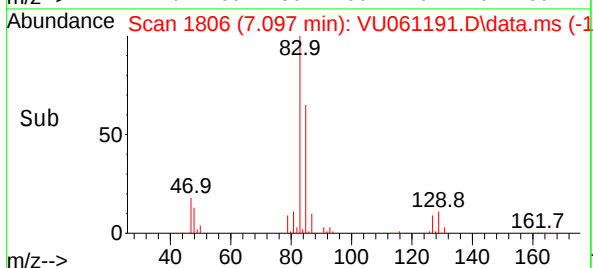
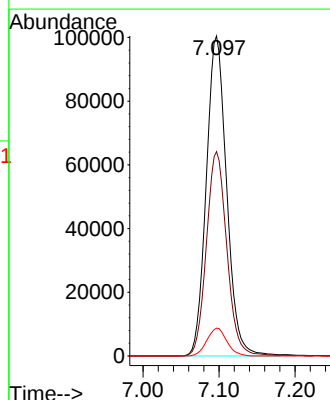
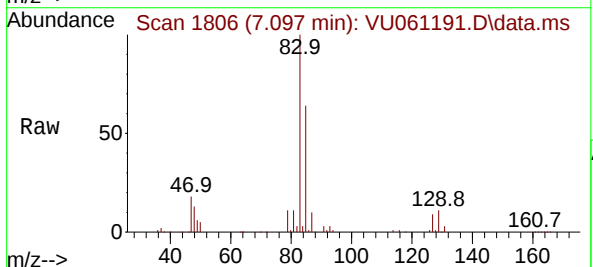
Instrument :
MSVOA_U
ClientSampleId :

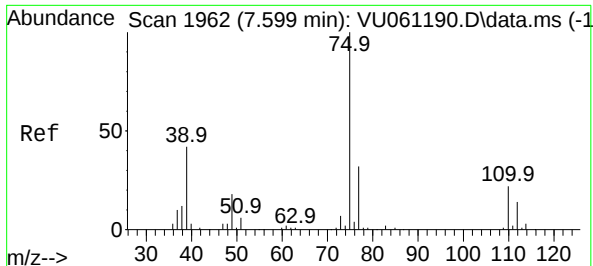
Tgt Ion: 63 Resp: 147208
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.4



#38
Bromodichloromethane
Concen: 10.526 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion: 83 Resp: 186860
Ion Ratio Lower Upper
83 100
85 63.9 43.8 81.4
127 8.7 7.4 11.0

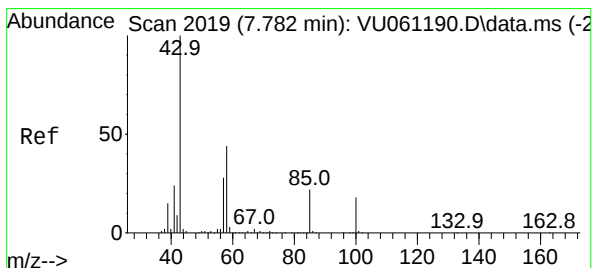
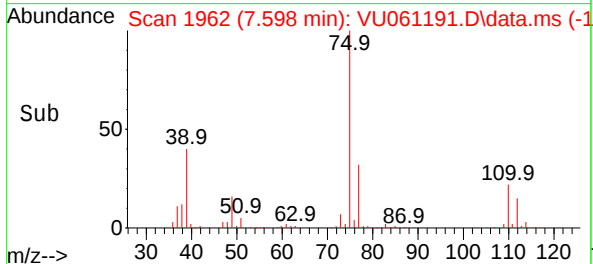
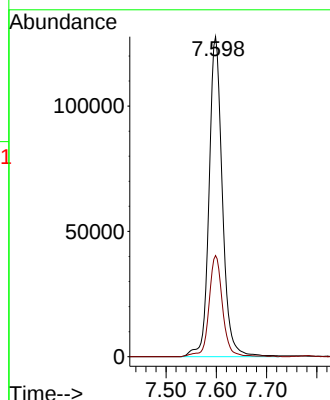
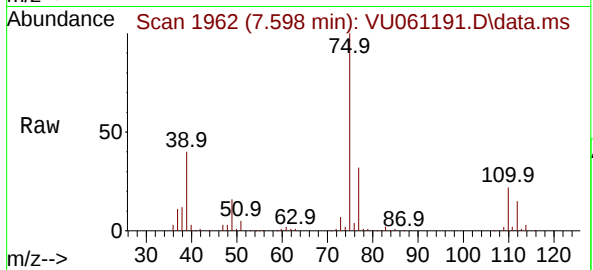




#39
 cis-1,3-Dichloropropene
 Concen: 10.836 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

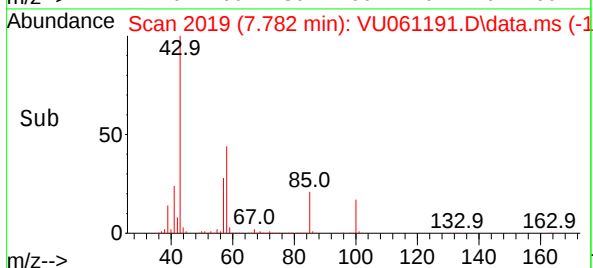
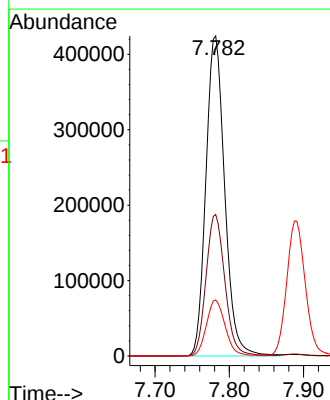
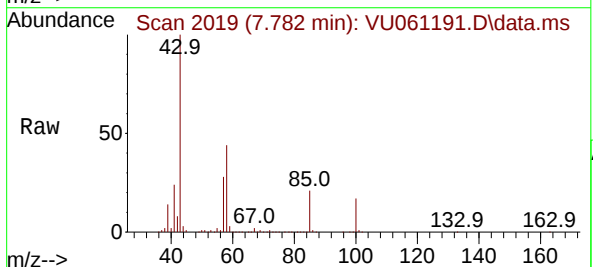
Instrument :
 MSVOA_U
 ClientSampleId :

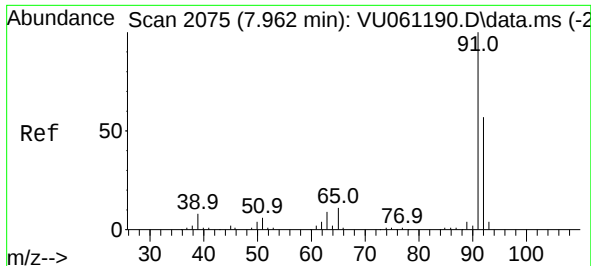
Tgt Ion: 75 Resp: 234765
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 106.841 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

Tgt Ion: 43 Resp: 745869
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.1 52.7
 100 17.4 14.0 21.0





#42

Toluene

Concen: 10.353 ug/L

RT: 7.958 min Scan# 2075

Delta R.T. -0.004 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

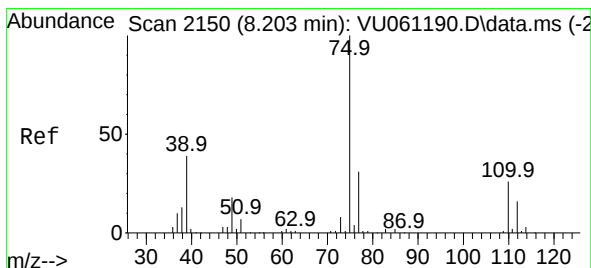
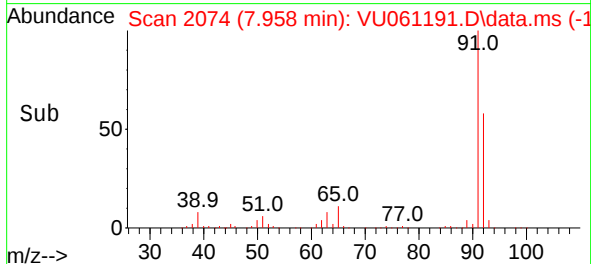
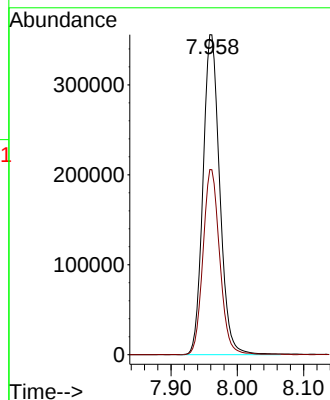
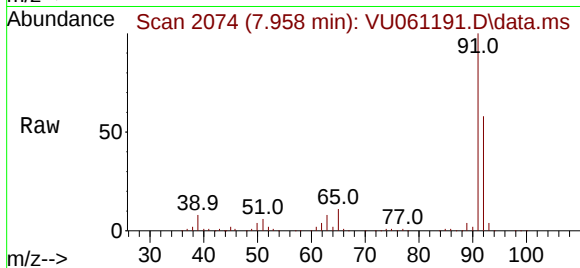
ClientSampleId :

Tgt Ion: 91 Resp: 622157

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 10.764 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU061191.D

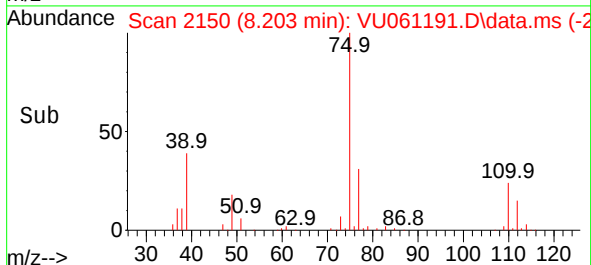
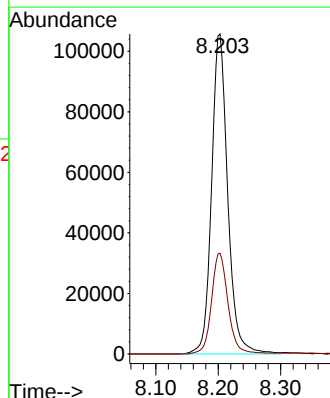
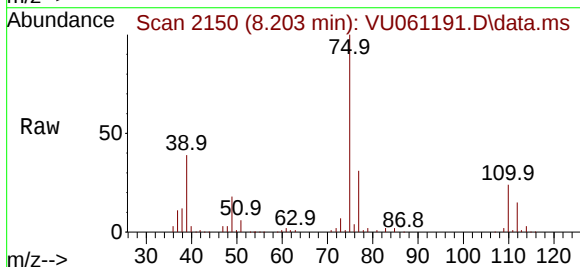
Acq: 23 Oct 2024 10:48

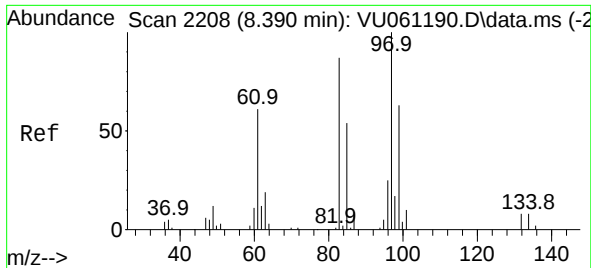
Tgt Ion: 75 Resp: 190006

Ion Ratio Lower Upper

75 100

77 31.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 10.449 ug/L

RT: 8.389 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 105479

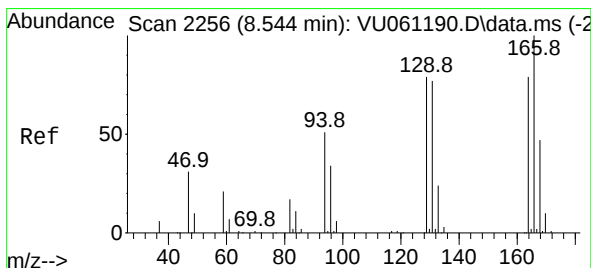
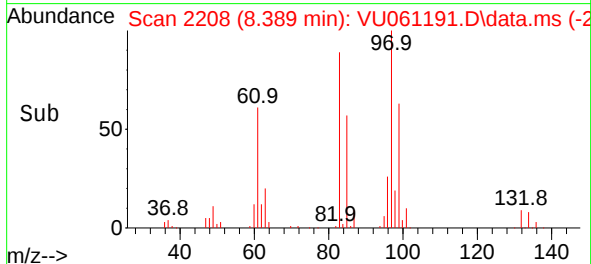
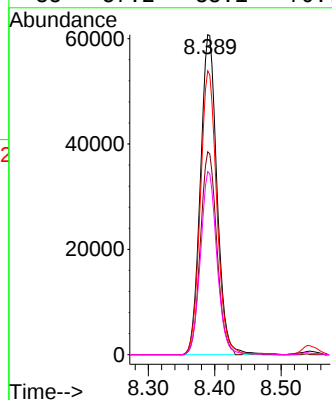
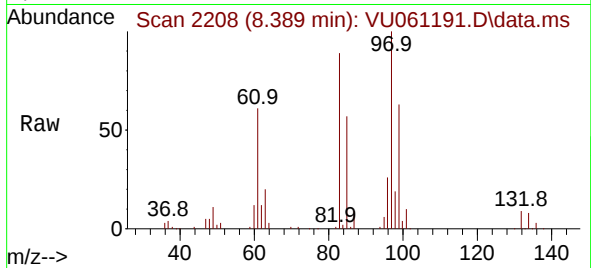
Ion Ratio Lower Upper

97 100

99 63.4 44.1 81.9

83 88.7 61.2 113.6

85 57.2 38.1 70.7



#47

Tetrachloroethene

Concen: 10.482 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Tgt Ion:164 Resp: 110203

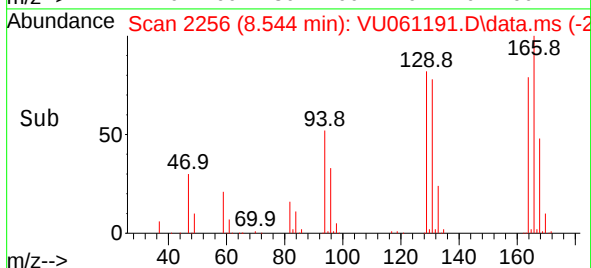
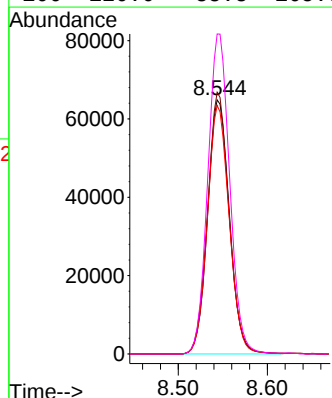
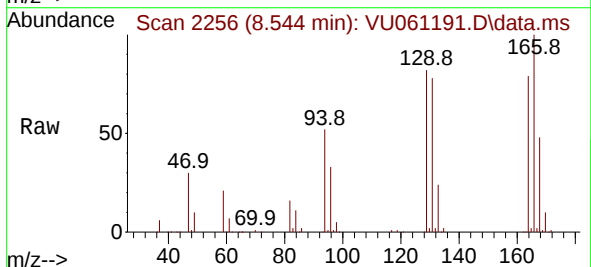
Ion Ratio Lower Upper

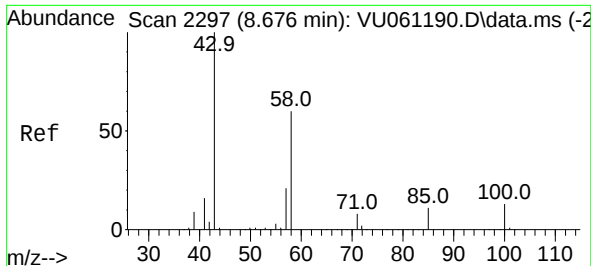
164 100

129 103.1 69.9 129.7

131 97.8 68.3 126.8

166 126.0 88.8 165.0





#48

2-Hexanone

Concen: 109.133 ug/L

RT: 8.675 min Scan# 2297

Delta R.T. -0.000 min

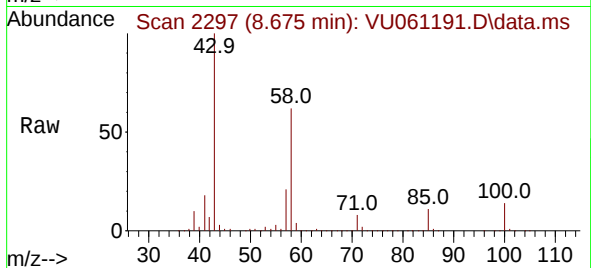
Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 538751

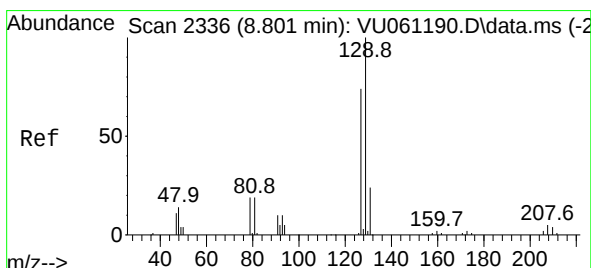
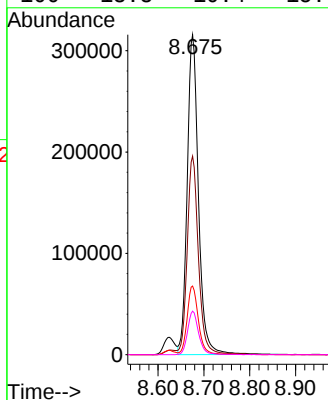
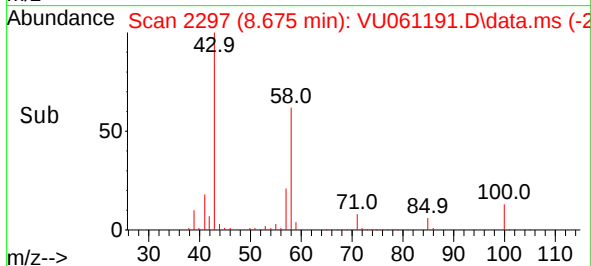
Ion Ratio Lower Upper

43 100

58 61.1 48.6 72.8

57 21.4 17.0 25.6

100 13.3 10.4 15.6



#49

Dibromochloromethane

Concen: 10.661 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU061191.D

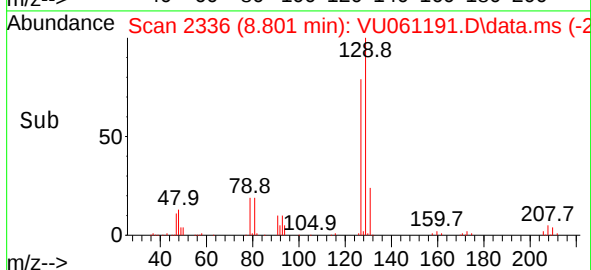
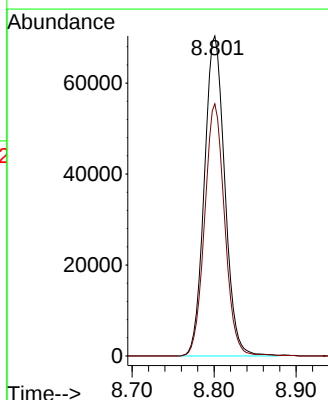
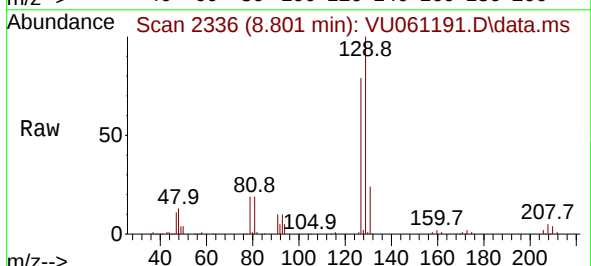
Acq: 23 Oct 2024 10:48

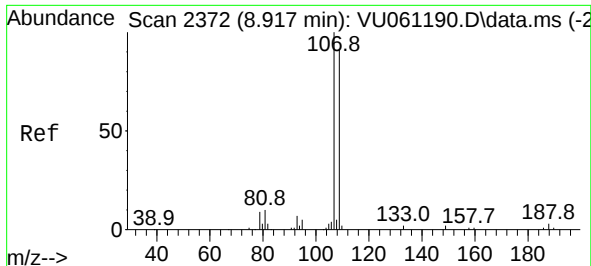
Tgt Ion: 129 Resp: 122062

Ion Ratio Lower Upper

129 100

127 78.8 51.8 96.2





#50

1,2-Dibromoethane

Concen: 10.319 ug/L

RT: 8.913 min Scan# 2372

Delta R.T. -0.004 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

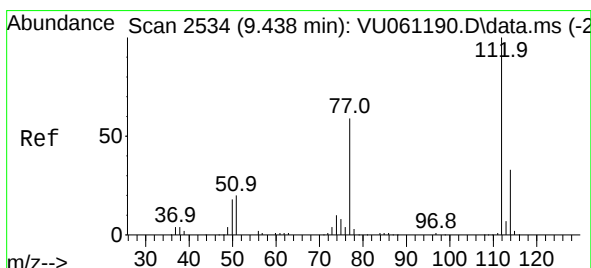
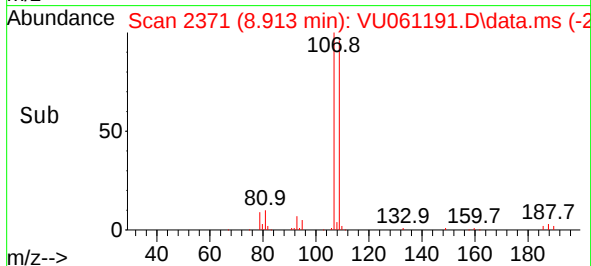
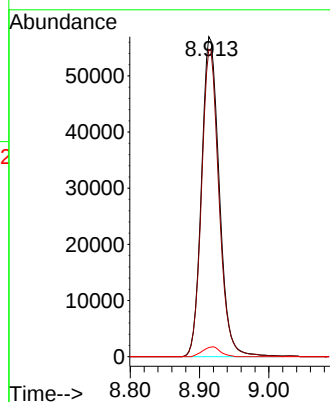
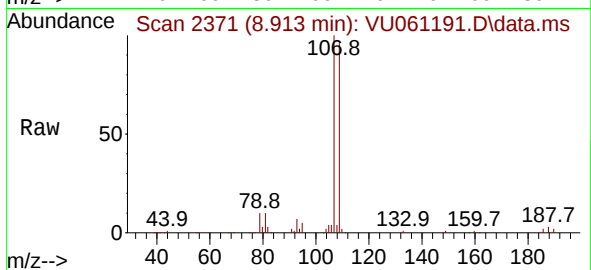
Tgt Ion:107 Resp: 101189

Ion Ratio Lower Upper

107 100

109 96.0 63.4 117.8

188 2.8 2.6 3.8



#51

Chlorobenzene

Concen: 10.460 ug/L

RT: 9.437 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

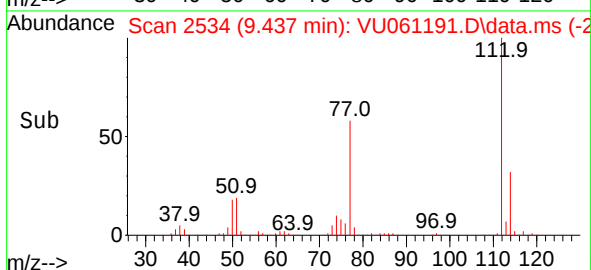
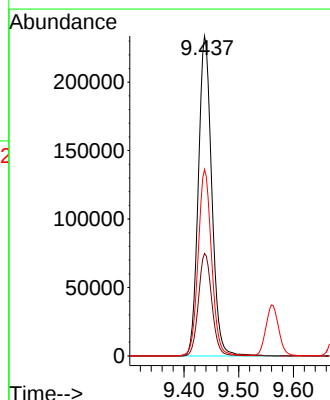
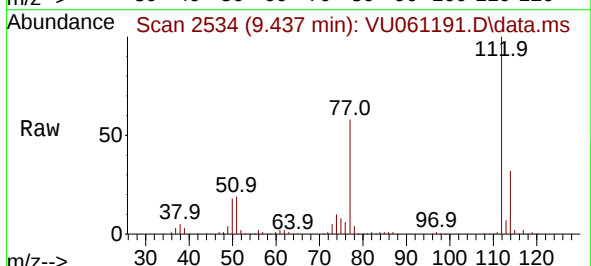
Tgt Ion:112 Resp: 397305

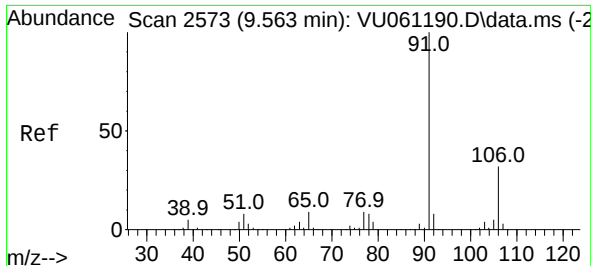
Ion Ratio Lower Upper

112 100

114 32.0 22.9 42.5

77 58.3 47.1 70.7

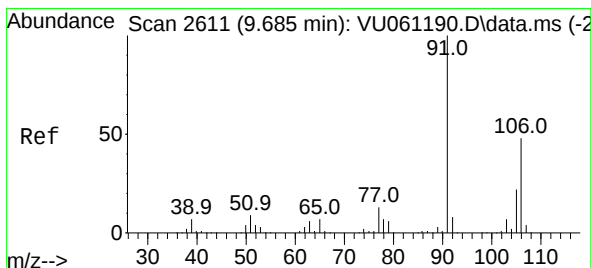
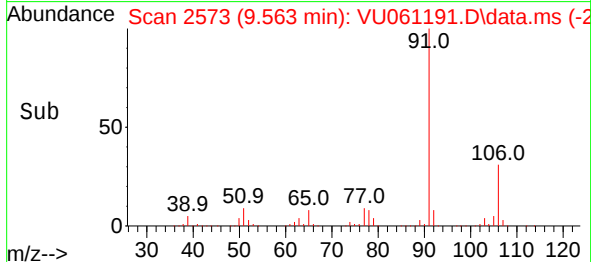
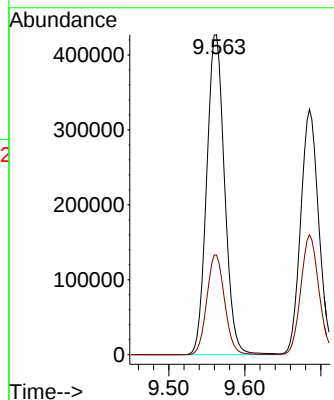
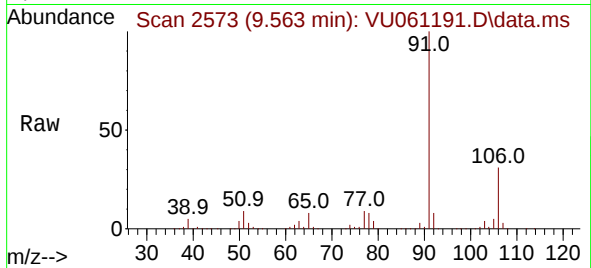




#52
Ethylbenzene
Concen: 10.556 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

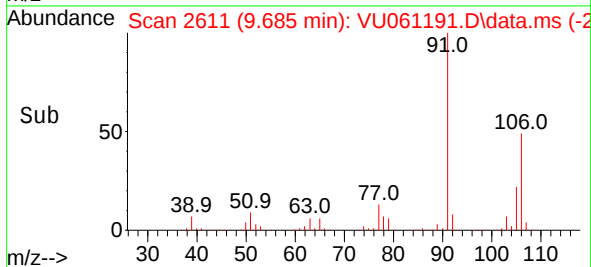
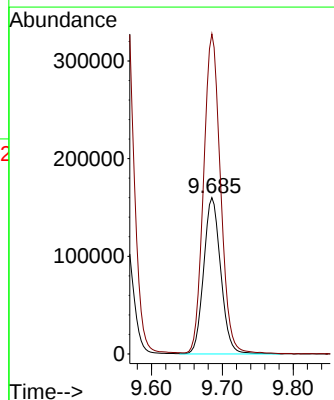
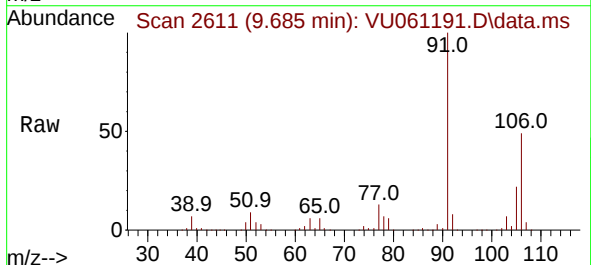
Instrument :
MSVOA_U
ClientSampleId :

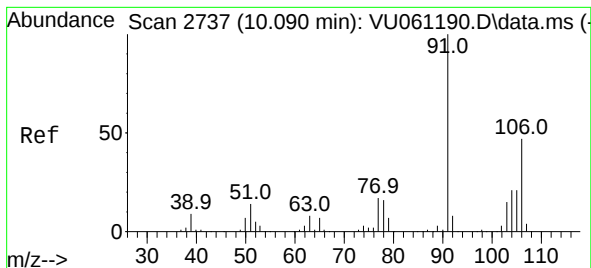
Tgt Ion: 91 Resp: 697783
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-Xylene
Concen: 10.615 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion:106 Resp: 267311
Ion Ratio Lower Upper
106 100
91 204.8 145.7 270.7





#54

o-Xylene

Concen: 10.499 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

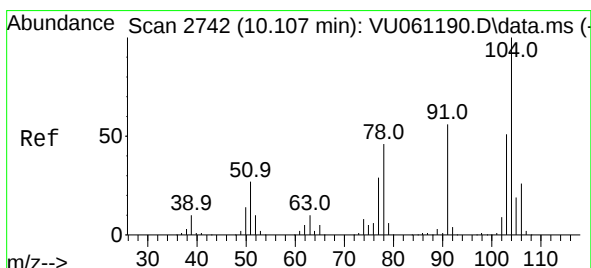
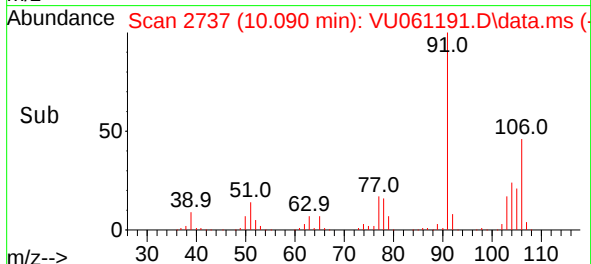
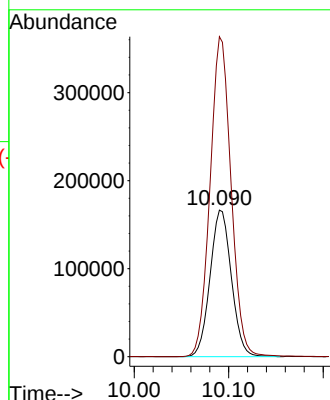
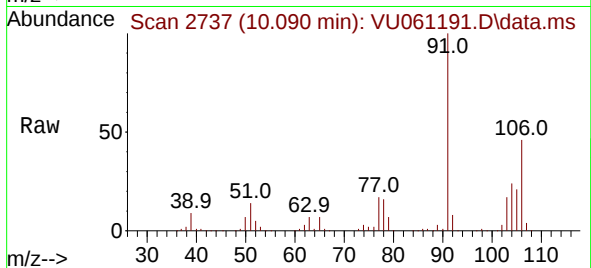
ClientSampleId :

Tgt Ion:106 Resp: 260941

Ion Ratio Lower Upper

106 100

91 218.3 148.8 276.4



#55

Styrene

Concen: 10.799 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU061191.D

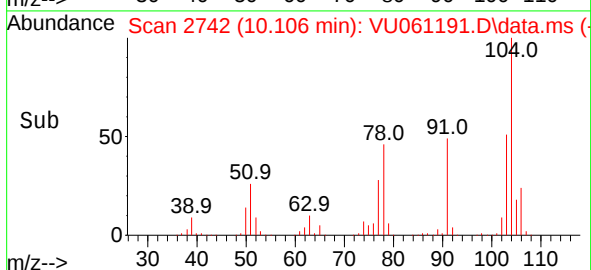
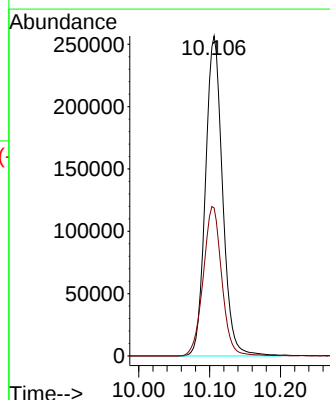
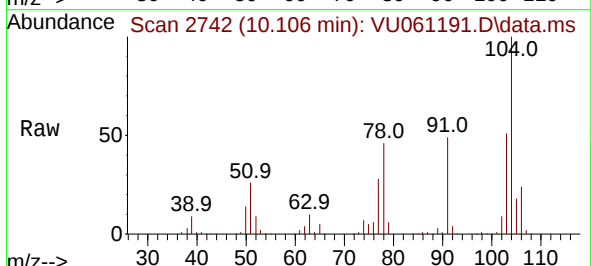
Acq: 23 Oct 2024 10:48

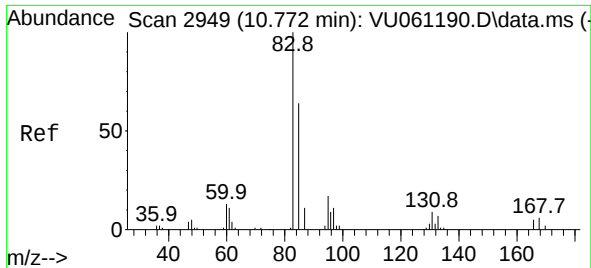
Tgt Ion:104 Resp: 430266

Ion Ratio Lower Upper

104 100

78 46.3 32.3 59.9

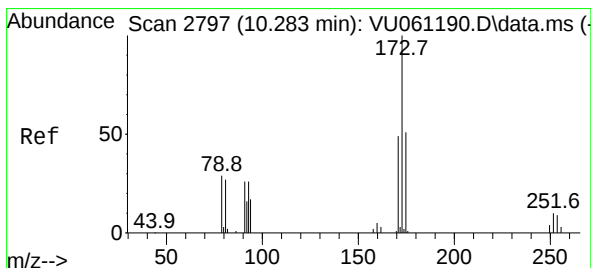
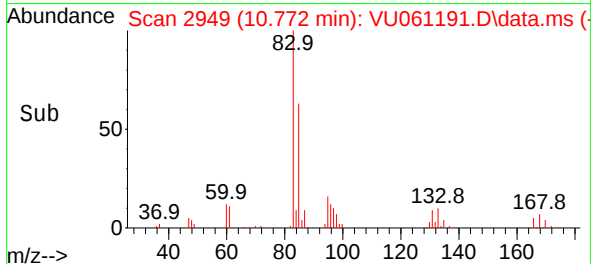
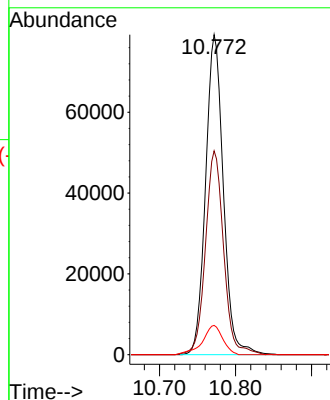
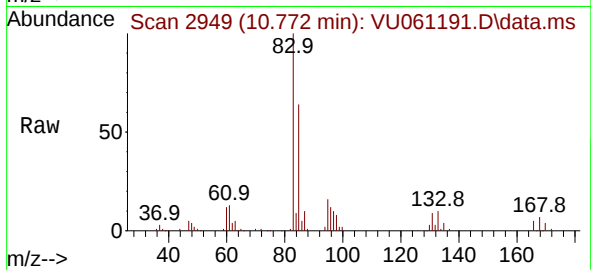




#57
1,1,2,2-Tetrachloroethane
Concen: 10.544 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

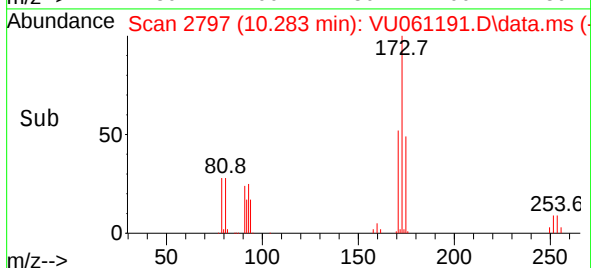
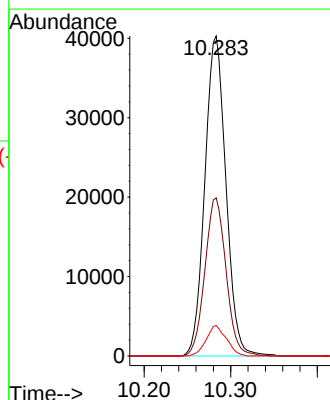
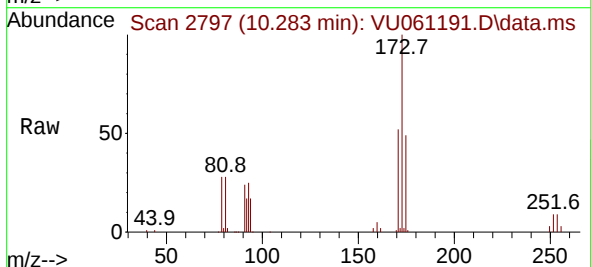
Instrument :
MSVOA_U
ClientSampleId :

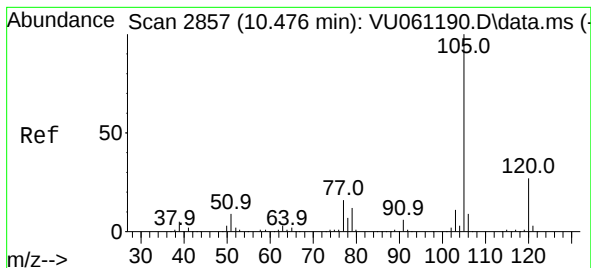
Tgt Ion: 83 Resp: 128246
Ion Ratio Lower Upper
83 100
85 63.7 45.3 84.1
131 9.2 7.6 11.4



#59
Bromoform
Concen: 10.764 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion:173 Resp: 68039
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 9.1 6.8 10.2





#60

Isopropylbenzene

Concen: 10.512 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

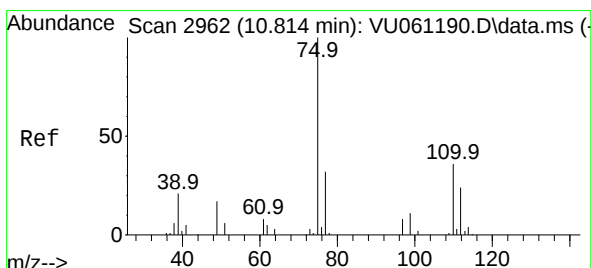
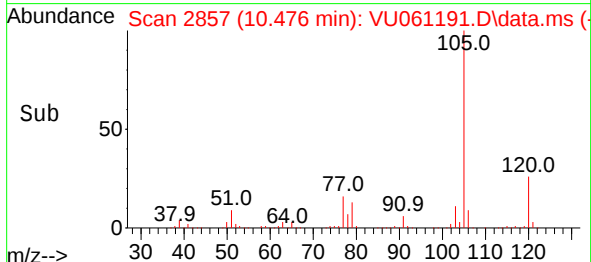
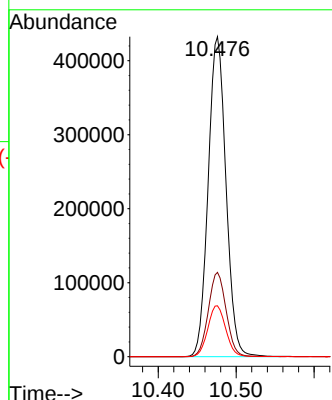
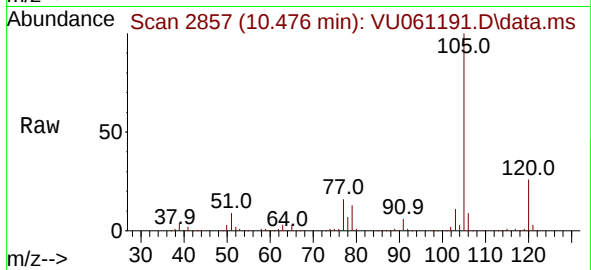
Tgt Ion:105 Resp: 685739

Ion Ratio Lower Upper

105 100

120 26.4 21.2 31.8

77 16.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 10.478 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

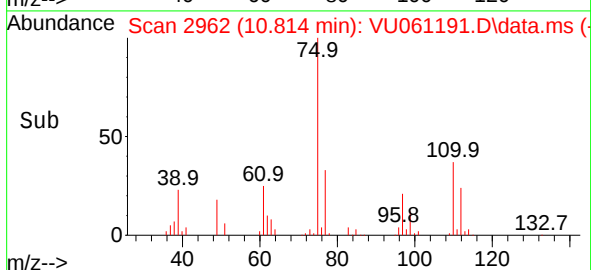
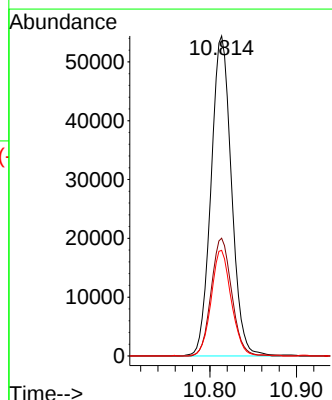
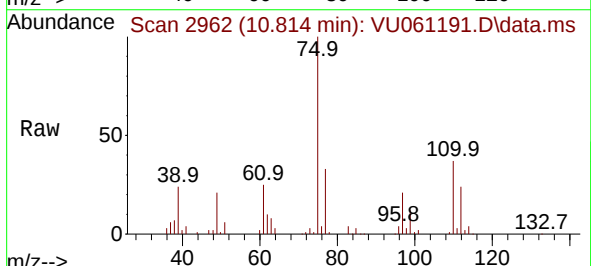
Tgt Ion: 75 Resp: 89132

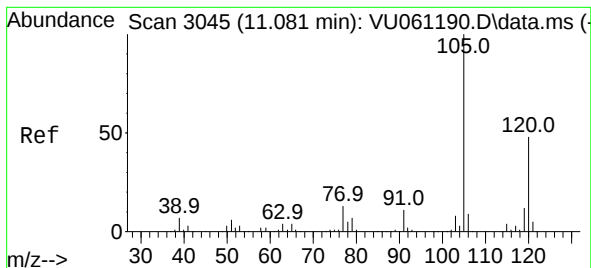
Ion Ratio Lower Upper

75 100

110 37.0 28.8 43.2

77 32.7 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 10.775 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

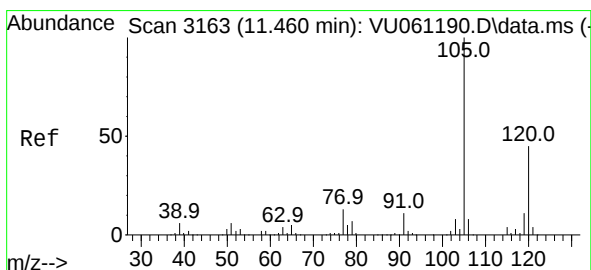
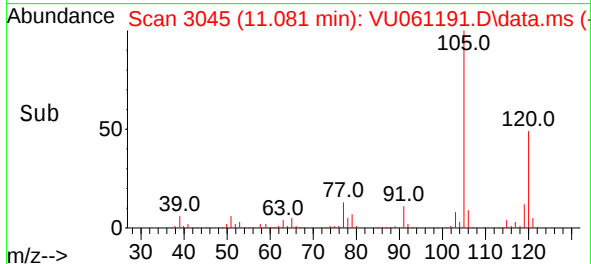
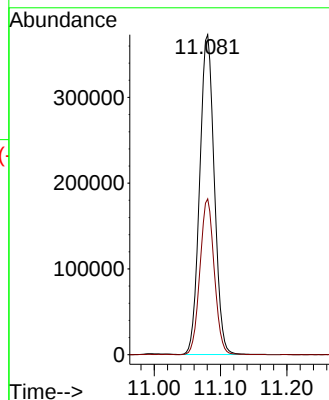
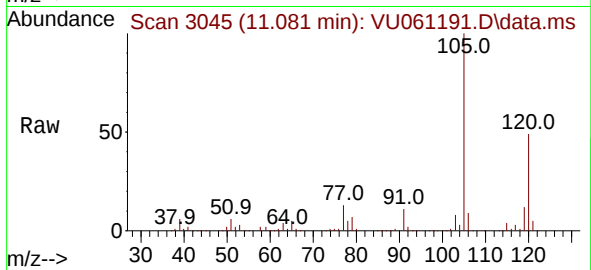
ClientSampleId :

Tgt Ion:105 Resp: 572236

Ion Ratio Lower Upper

105 100

120 47.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 10.745 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU061191.D

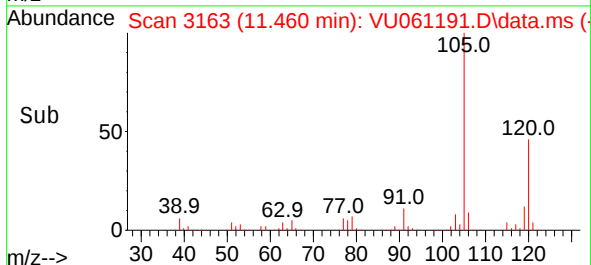
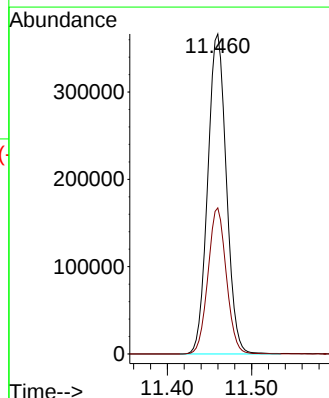
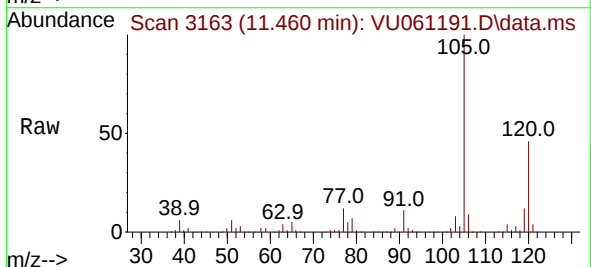
Acq: 23 Oct 2024 10:48

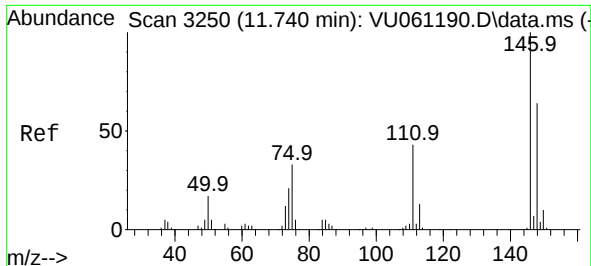
Tgt Ion:105 Resp: 564078

Ion Ratio Lower Upper

105 100

120 45.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 10.745 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. -0.004 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

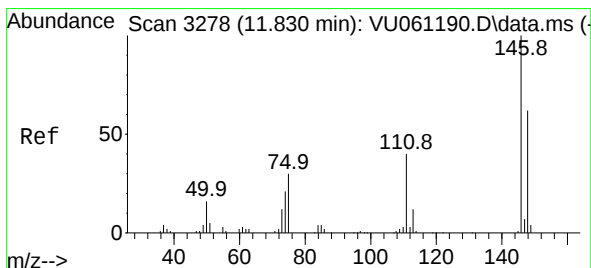
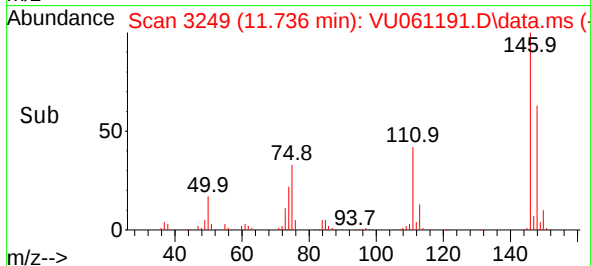
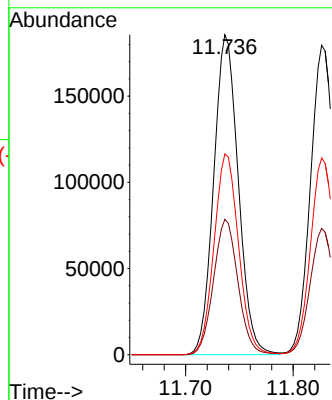
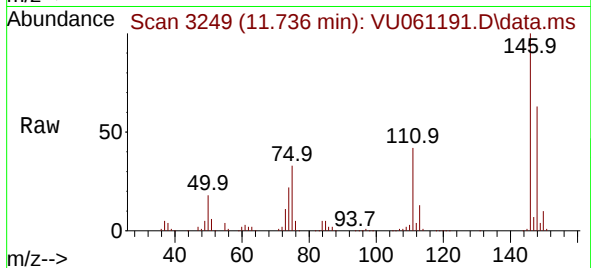
Tgt Ion:146 Resp: 295019

Ion Ratio Lower Upper

146 100

111 42.3 30.0 55.8

148 62.8 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 10.443 ug/L

RT: 11.826 min Scan# 3277

Delta R.T. -0.004 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

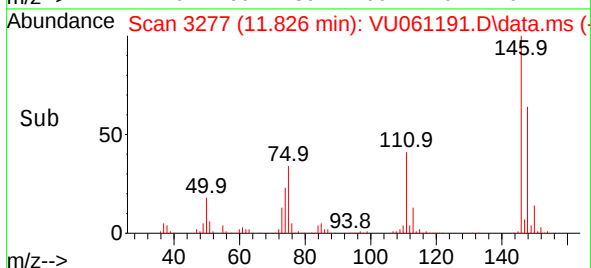
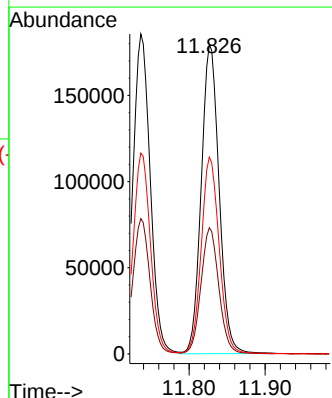
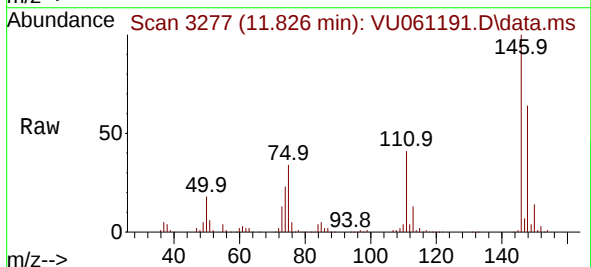
Tgt Ion:146 Resp: 292285

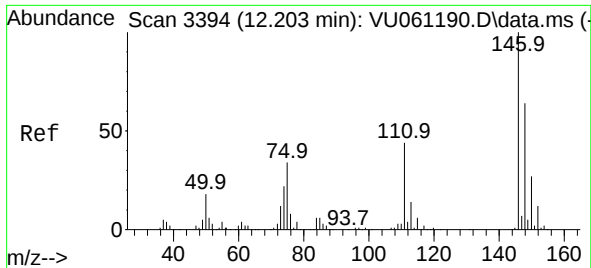
Ion Ratio Lower Upper

146 100

111 40.8 28.2 52.4

148 63.6 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 10.474 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

Instrument :

MSVOA_U

ClientSampleId :

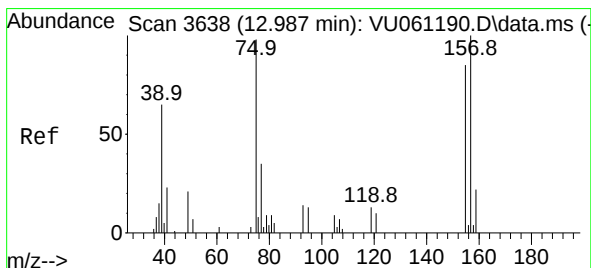
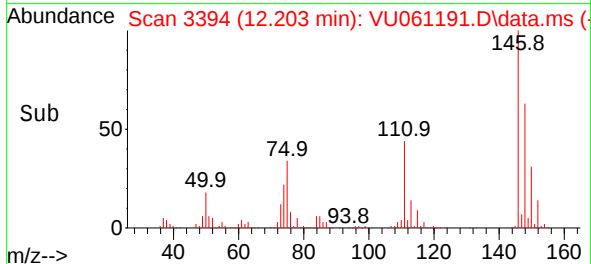
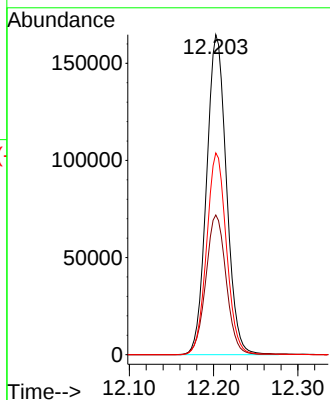
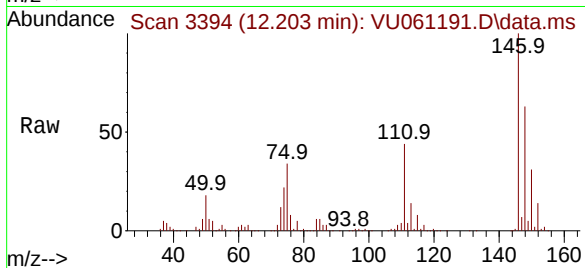
Tgt Ion:146 Resp: 270656

Ion Ratio Lower Upper

146 100

111 43.6 35.2 52.8

148 63.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 11.049 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU061191.D

Acq: 23 Oct 2024 10:48

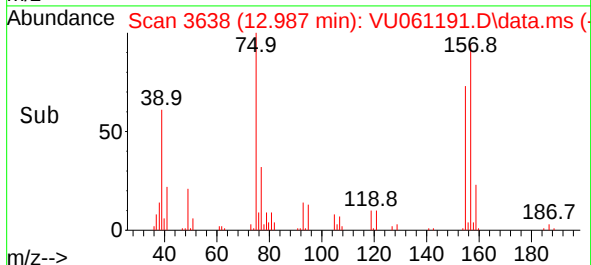
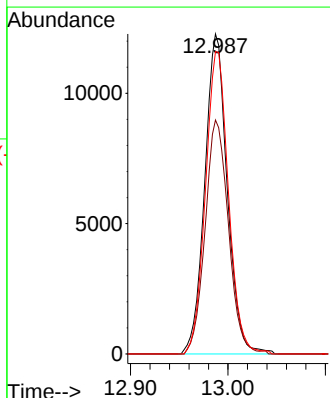
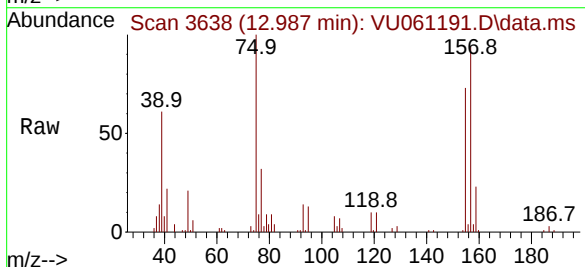
Tgt Ion: 75 Resp: 19736

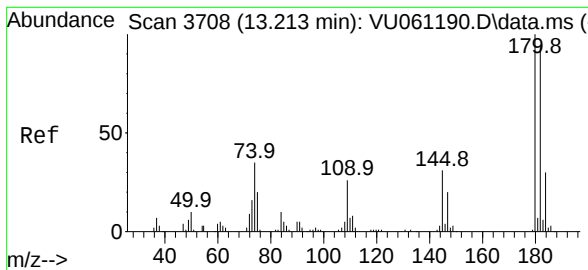
Ion Ratio Lower Upper

75 100

155 73.1 69.3 103.9

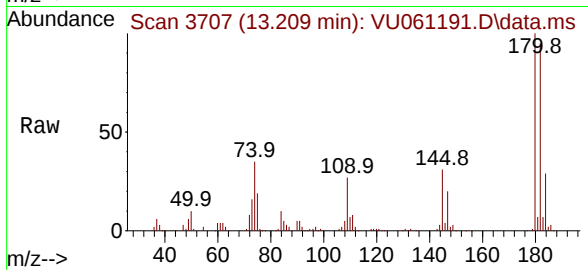
157 94.5 81.4 122.2



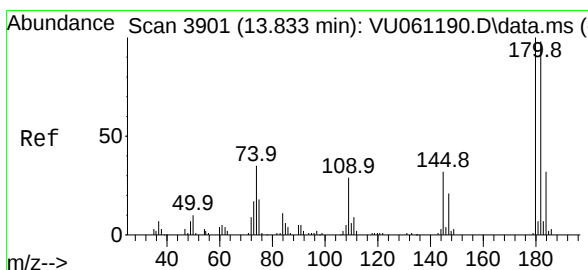
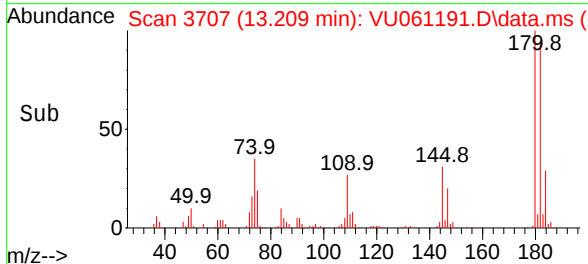
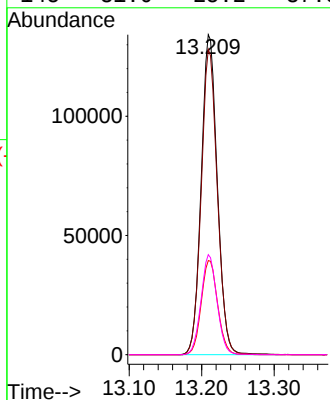


#69
 1,3,5-Trichlorobenzene
 Concen: 10.988 ug/L
 RT: 13.209 min Scan# 3707
 Delta R.T. -0.003 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

Instrument :
 MSVOA_U
 ClientSampleId :

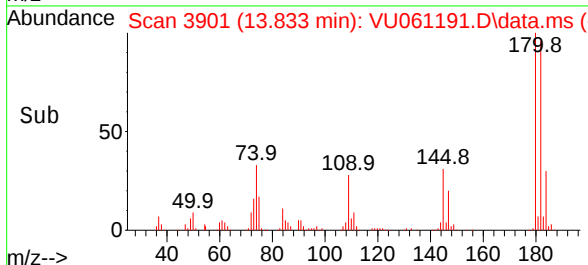
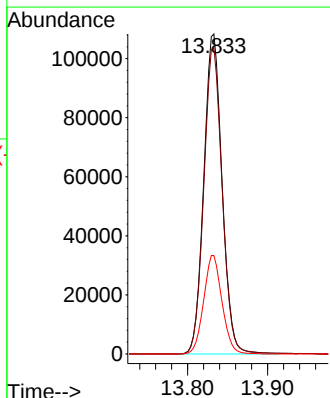
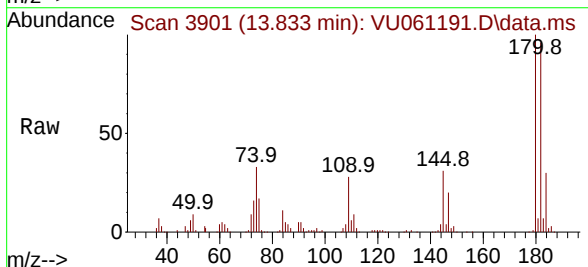


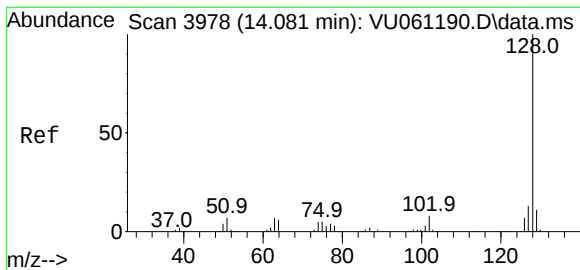
Tgt Ion:180 Resp: 206801
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.4 116.2
 184 30.0 24.4 36.6
 145 31.0 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 11.385 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.000 min
 Lab File: VU061191.D
 Acq: 23 Oct 2024 10:48

Tgt Ion:180 Resp: 172915
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.2 115.8
 145 30.7 25.6 38.4

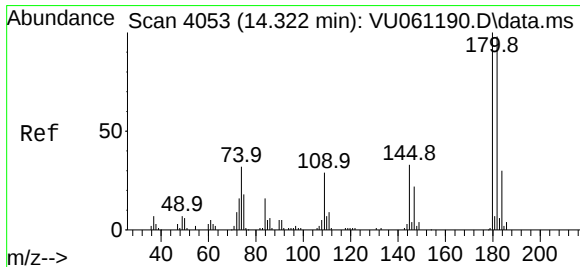
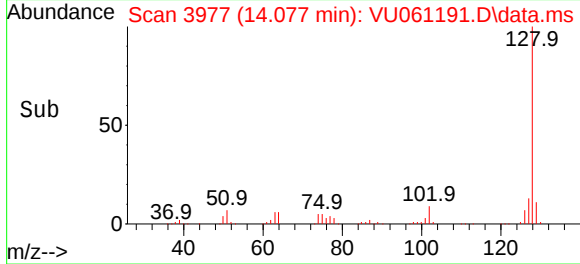
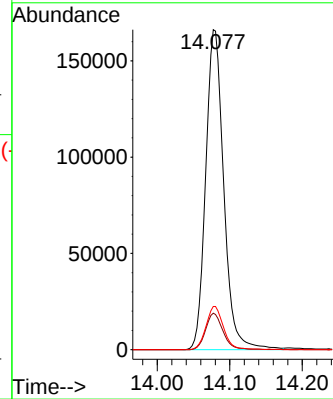
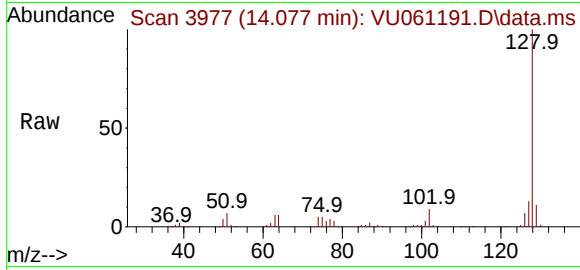




#71
Naphthalene
Concen: 12.158 ug/L
RT: 14.077 min Scan# 3978
Delta R.T. -0.004 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt	Ion:128	Resp:	287660
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.0	15.0



#72
1,2,3-Trichlorobenzene
Concen: 11.575 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU061191.D
Acq: 23 Oct 2024 10:48

Tgt Ion:180	Resp: 147074
Ion Ratio	Lower Upper
180 100	
182 95.0	76.0 114.0
145 32.7	26.5 39.7

