

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060011.D
 Acq On : 18 Jul 2024 12:01
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:03:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:02:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141716	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	79404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51291	5.184	ug/L	0.00
7) Chloroethane-d5	1.908	69	47203	4.986	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	20071	4.923	ug/L	0.00
20) 2-Butanone-d5	4.628	46	117633	55.976	ug/L	0.00
24) Chloroform-d	5.055	84	107536	5.264	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	50668	5.159	ug/L	0.00
32) Benzene-d6	5.721	84	213265	5.255	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	65969	5.259	ug/L	0.00
41) Toluene-d8	7.891	98	196655	5.224	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	23789	5.902	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	96002	57.304	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57667	5.472	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	72843	5.093	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	54811	4.623	ug/L	100
3) Chloromethane	1.515	50	62220	4.864	ug/L	100
5) Vinyl chloride	1.599	62	71647	5.015	ug/L	100
6) Bromomethane	1.853	94	46305	4.673	ug/L	100
8) Chloroethane	1.930	64	45205	5.214	ug/L	100
9) Trichlorofluoromethane	2.133	101	92612	5.296	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60283	5.391	ug/L	100
12) 1,1-Dichloroethene	2.573	96	53306	5.216	ug/L	100
13) Acetone	2.644	43	75206	54.869	ug/L	100
14) Carbon disulfide	2.789	76	155985	4.717	ug/L	100
15) Methyl Acetate	2.956	43	19340	5.515	ug/L	100
16) Methylene chloride	3.039	84	62785	5.165	ug/L	100
17) Methyl tert-butyl Ether	3.355	73	120179	5.400	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	55609	5.267	ug/L	100
19) 1,1-Dichloroethane	3.859	63	106666	5.432	ug/L	100
21) 2-Butanone	4.705	43	120128	55.214	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	63227	5.400	ug/L	100
23) Bromochloromethane	4.969	128	30295	5.626	ug/L	100
25) Chloroform	5.078	83	114921	5.526	ug/L	100
27) 1,2-Dichloroethane	5.789	62	64521	5.229	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	92412	5.352	ug/L	100
30) Cyclohexane	5.380	56	71923	4.873	ug/L	100
31) Carbon tetrachloride	5.518	117	79144	5.447	ug/L	100
33) Benzene	5.769	78	248898	5.492	ug/L	100
34) Trichloroethene	6.538	95	63047	5.183	ug/L	100
35) Methylcyclohexane	6.756	83	86194	5.021	ug/L	100
37) 1,2-Dichloropropane	6.782	63	64480	5.503	ug/L	100
38) Bromodichloromethane	7.097	83	80107	5.467	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	85464	5.361	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	291545	53.849	ug/L	100
42) Toluene	7.962	91	271457	5.649	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70256	5.458	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

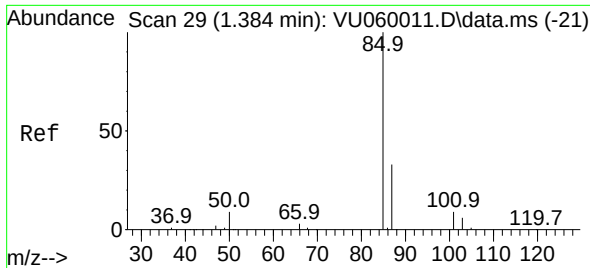
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 19 01:03:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	8.393	97	48883	5.607	ug/L	100
47) Tetrachloroethene	8.547	164	54424	5.646	ug/L	100
48) 2-Hexanone	8.679	43	212407	54.966	ug/L	100
49) Dibromochloromethane	8.804	129	55711	5.719	ug/L	100
50) 1,2-Dibromoethane	8.917	107	44843	5.571	ug/L	100
51) Chlorobenzene	9.441	112	169373	5.555	ug/L	100
52) Ethylbenzene	9.563	91	266363	5.436	ug/L	100
53) m,p-Xylene	9.689	106	103918	5.516	ug/L	100
54) o-Xylene	10.094	106	100258	5.588	ug/L	100
55) Styrene	10.110	104	174734	5.729	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	59256	5.576	ug/L	100
59) Bromoform	10.284	173	33758	5.433	ug/L	100
60) Isopropylbenzene	10.480	105	266033	5.379	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	39592	5.335	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	200454	5.161	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	196875	5.301	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	140533	5.500	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	136327	5.239	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	130631	5.452	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	8000	5.478	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	103669	5.463	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	76050	5.250	ug/L	100
71) Naphthalene	14.084	128	101678	4.942	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	69834	5.203	ug/L	100

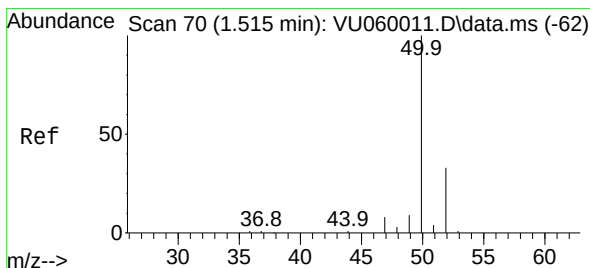
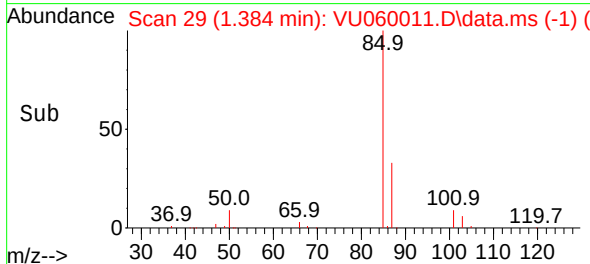
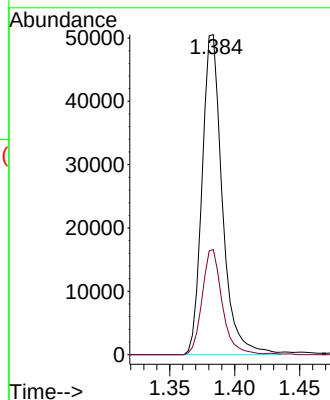
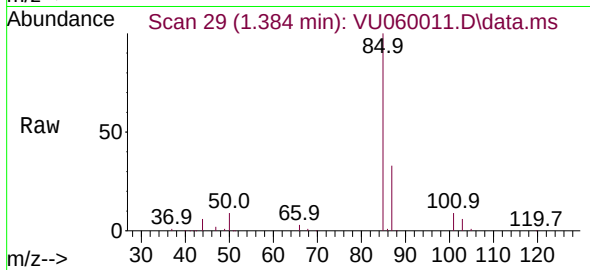
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.623 ug/L
 RT: 1.384 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060011.D
 Acq: 18 Jul 2024 12:01

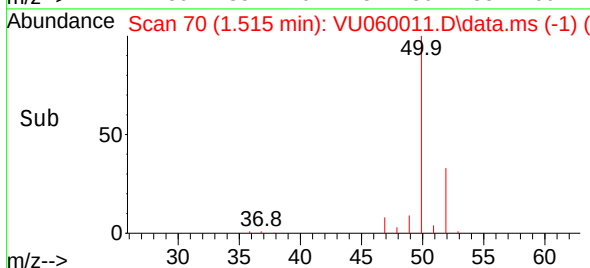
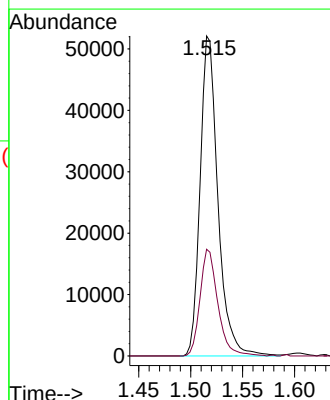
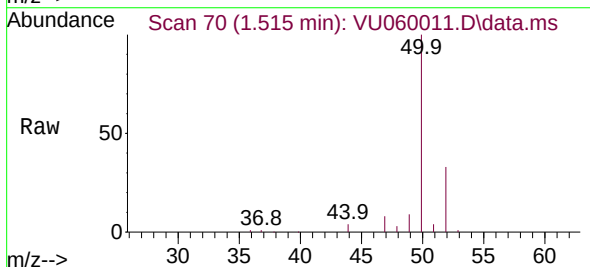
Instrument :
 MSVOA_U
 ClientSampleId :

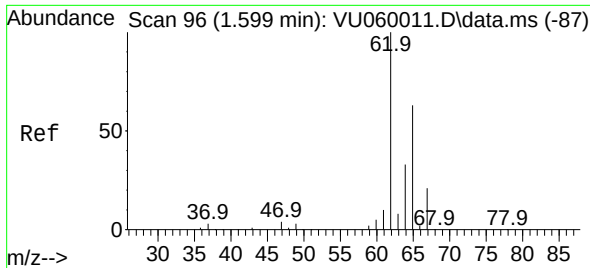
Tgt Ion: 85 Resp: 54811
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 4.864 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU060011.D
 Acq: 18 Jul 2024 12:01

Tgt Ion: 50 Resp: 62220
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4

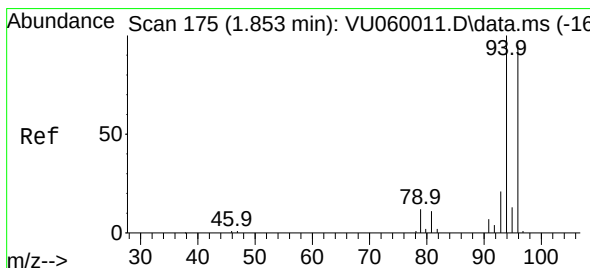
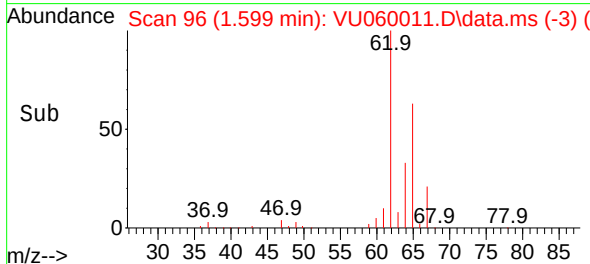
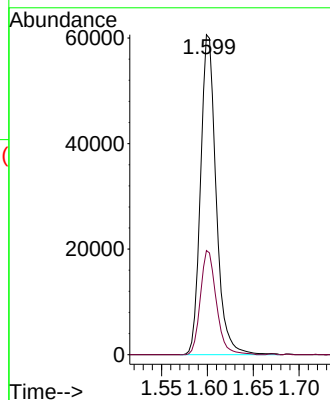
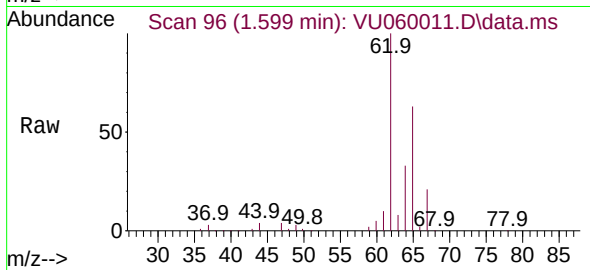




#5
 Vinyl chloride
 Concen: 5.015 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU060011.D
 Acq: 18 Jul 2024 12:01

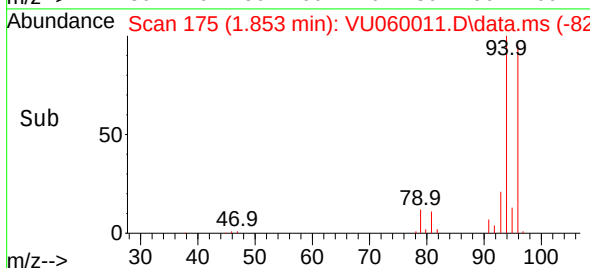
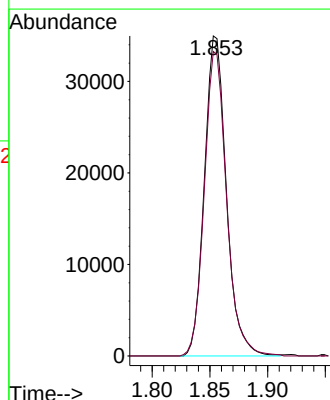
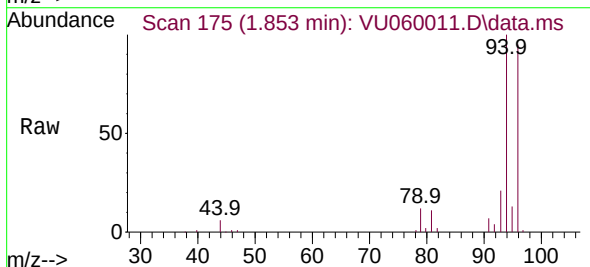
Instrument :
 MSVOA_U
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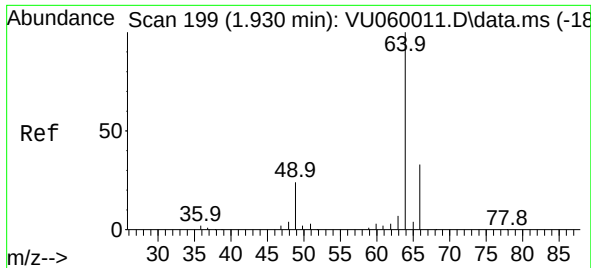
Tgt Ion: 62 Resp: 71647
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.673 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU060011.D
 Acq: 18 Jul 2024 12:01

Tgt Ion: 94 Resp: 46305
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.6 123.6

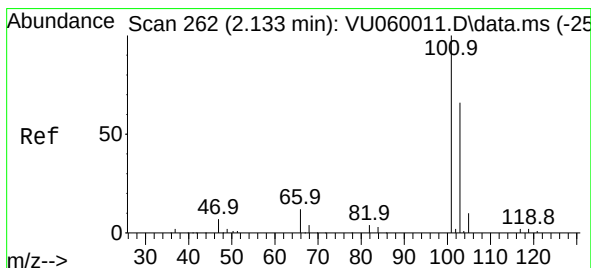
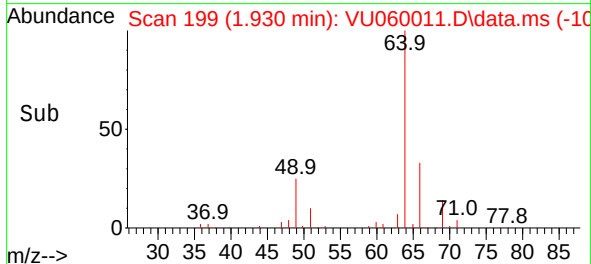
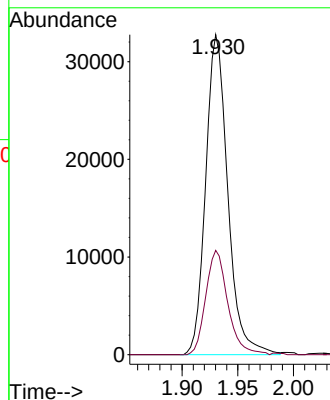
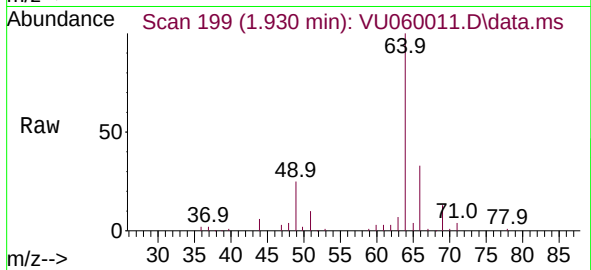




#8
Chloroethane
Concen: 5.214 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

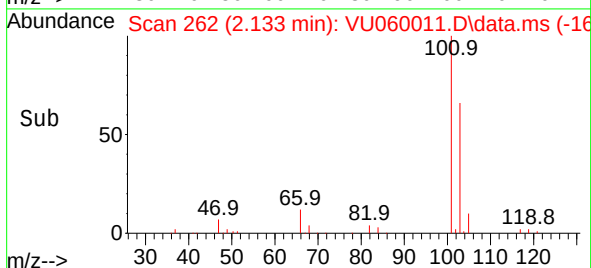
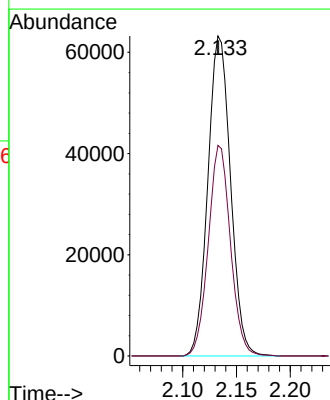
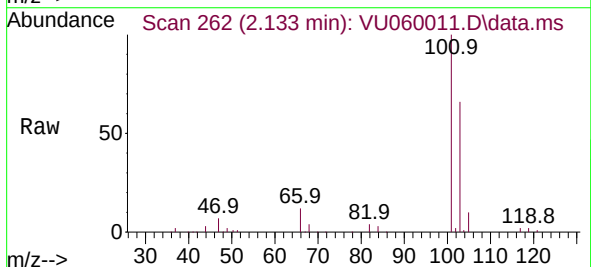
Instrument :
MSVOA_U
ClientSampleId :

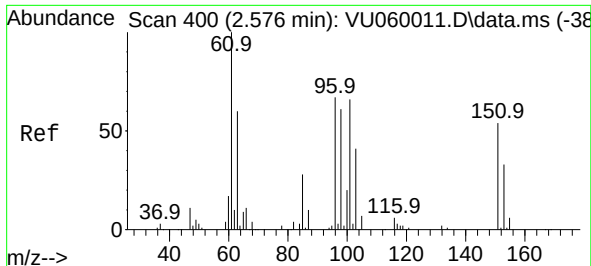
Tgt Ion: 64 Resp: 45205
Ion Ratio Lower Upper
64 100
66 32.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.296 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion:101 Resp: 92612
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

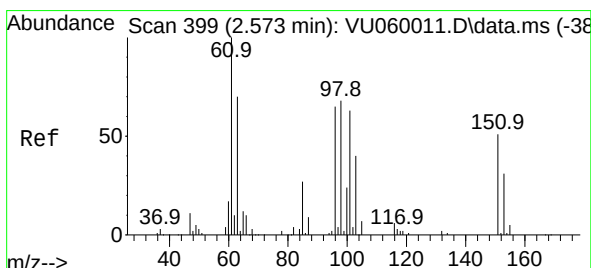
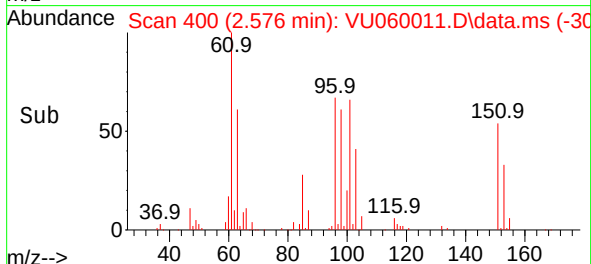
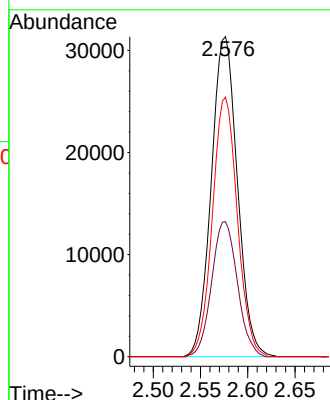
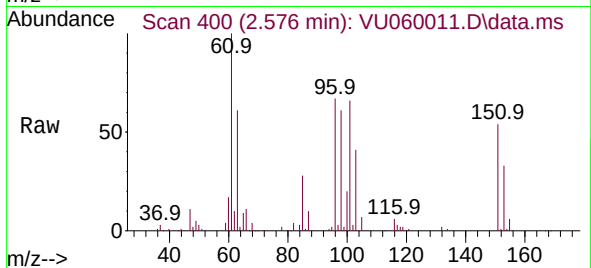




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.391 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

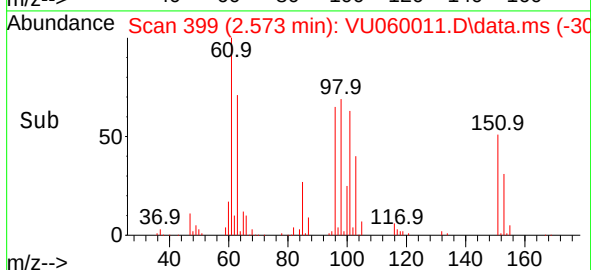
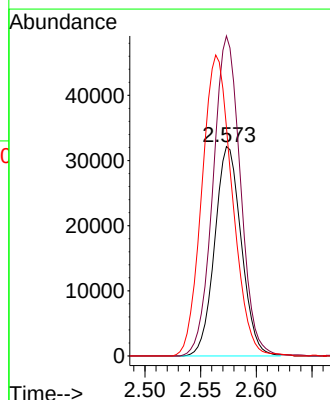
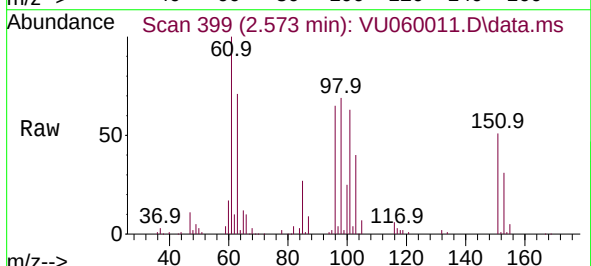
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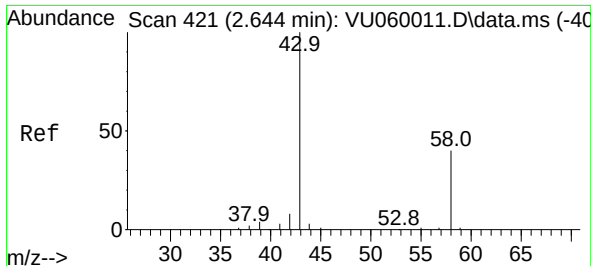
Tgt Ion:101 Resp: 60283
Ion Ratio Lower Upper
101 100
85 41.5 33.2 49.8
151 77.3 61.8 92.8



#12
1,1-Dichloroethene
Concen: 5.216 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion: 96 Resp: 53306
Ion Ratio Lower Upper
96 100
61 152.8 107.0 198.6
63 109.2 76.4 142.0





#13

Acetone

Concen: 54.869 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

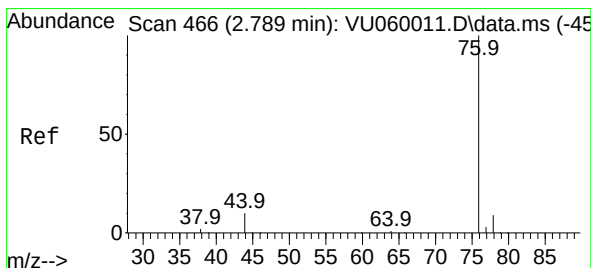
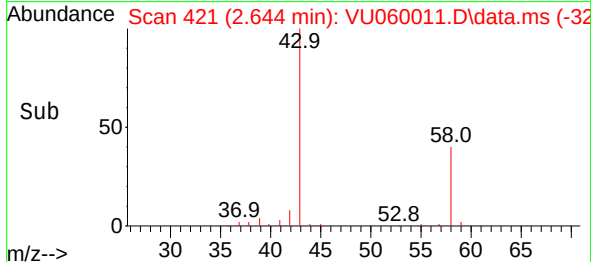
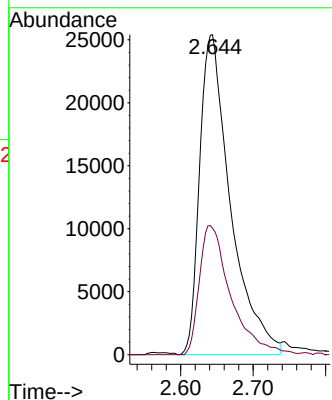
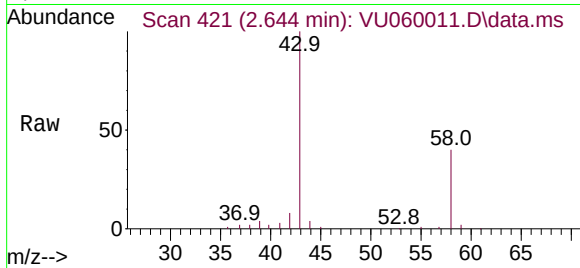
ClientSampleId :

Tgt Ion: 43 Resp: 75206

Ion Ratio Lower Upper

43 100

58 41.1 0.0 82.2



#14

Carbon disulfide

Concen: 4.717 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060011.D

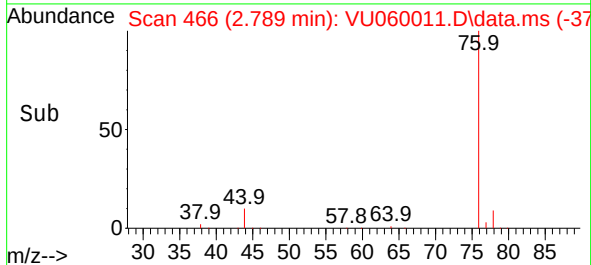
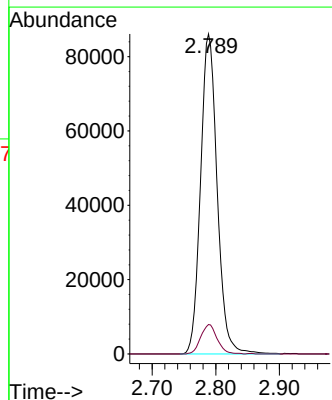
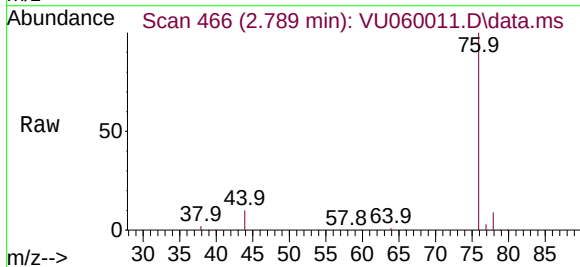
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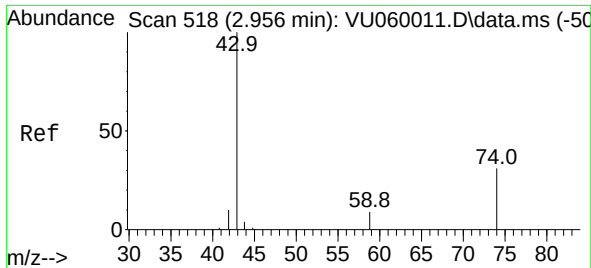
Tgt Ion: 76 Resp: 155985

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 5.515 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

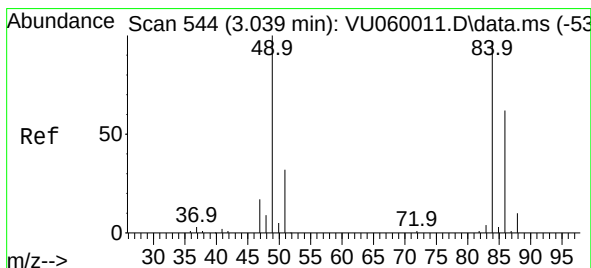
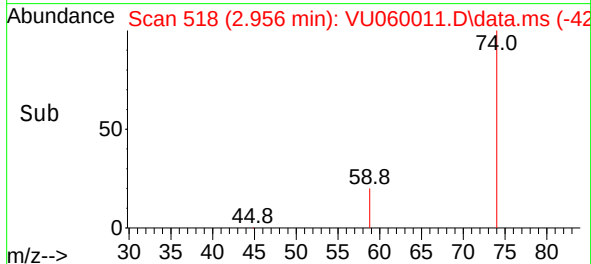
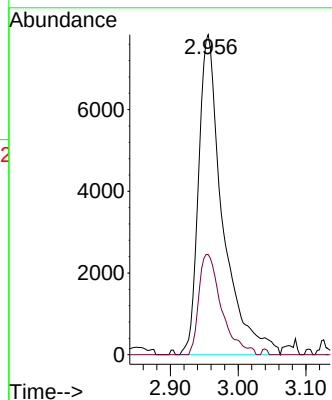
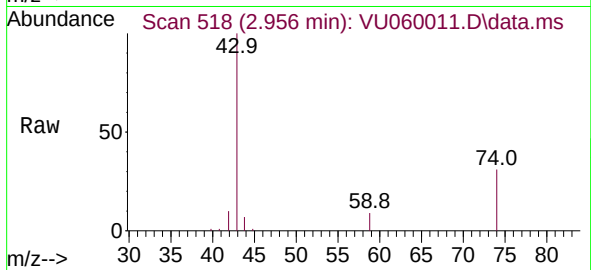
ClientSampleId :

Tgt Ion: 43 Resp: 19340

Ion Ratio Lower Upper

43 100

74 29.4 23.5 35.3



#16

Methylene chloride

Concen: 5.165 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

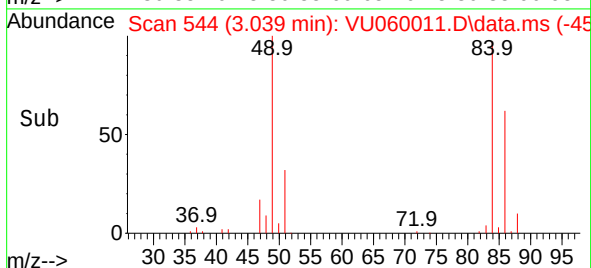
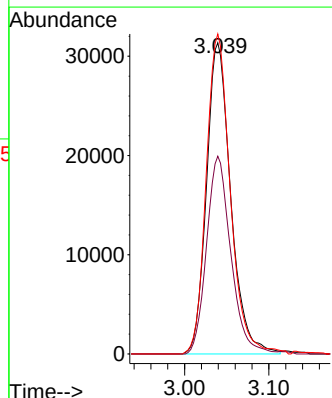
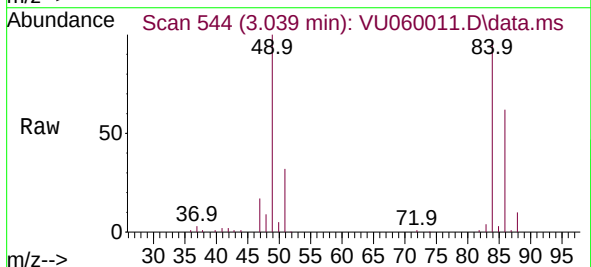
Tgt Ion: 84 Resp: 62785

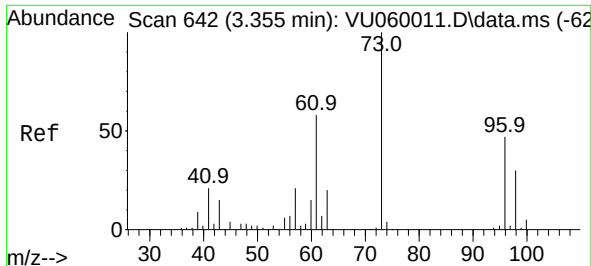
Ion Ratio Lower Upper

84 100

86 63.5 44.4 82.5

49 102.8 72.0 133.6





#17

Methyl tert-butyl Ether

Concen: 5.400 ug/L

RT: 3.355 min Scan# 642

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

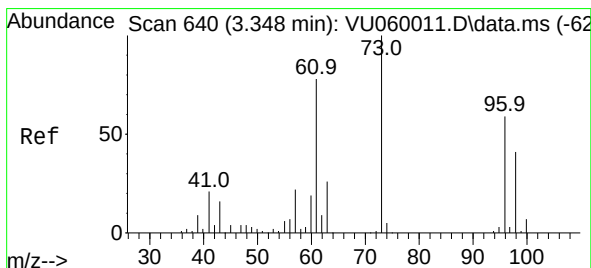
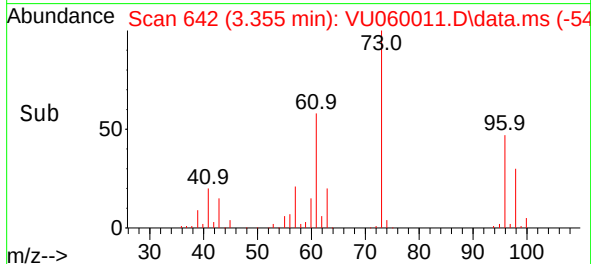
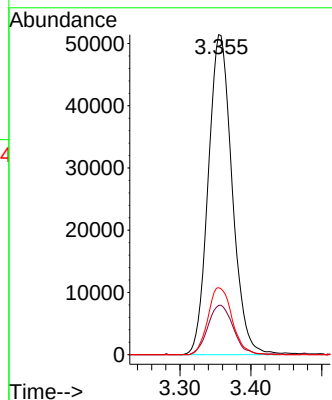
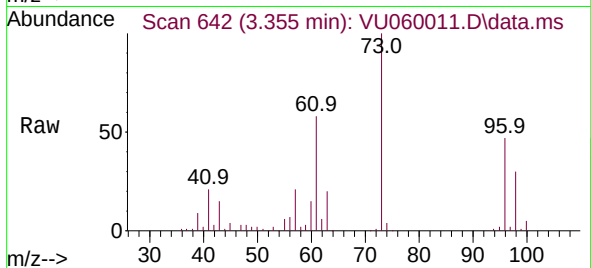
Tgt Ion: 73 Resp: 120179

Ion Ratio Lower Upper

73 100

43 16.4 13.1 19.7

57 21.2 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 5.267 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

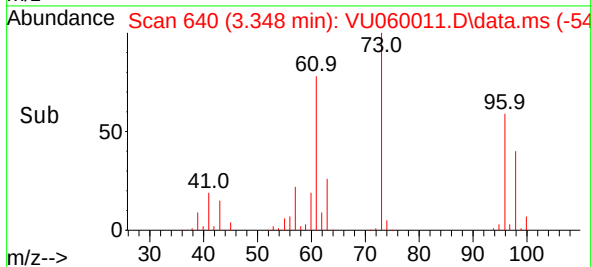
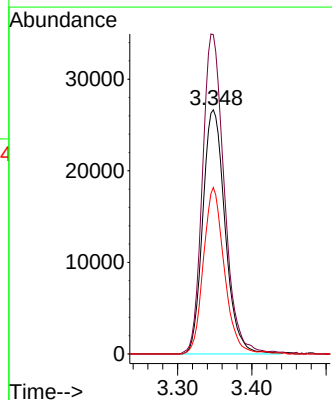
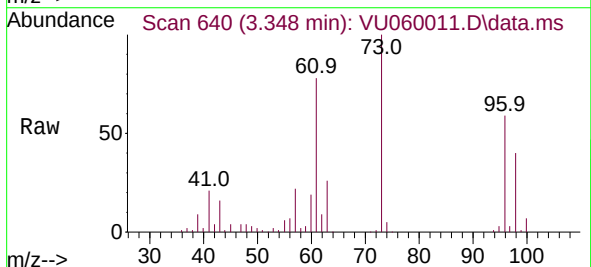
Tgt Ion: 96 Resp: 55609

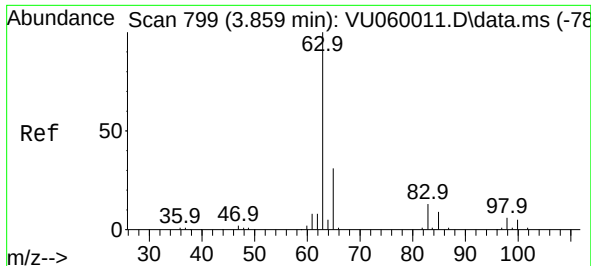
Ion Ratio Lower Upper

96 100

61 130.8 91.6 170.0

98 68.1 47.7 88.5

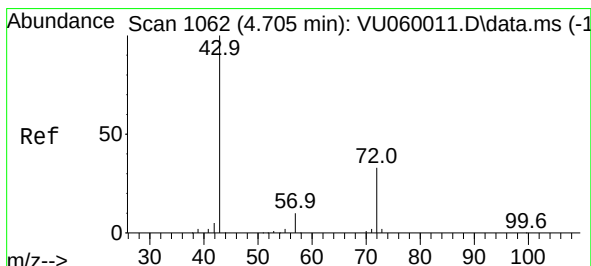
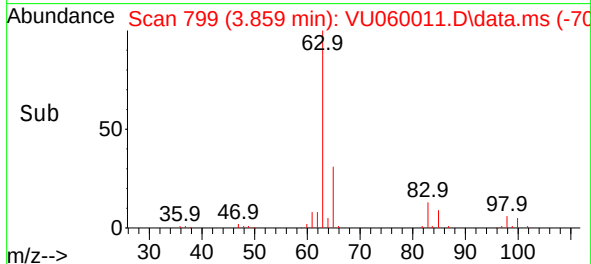
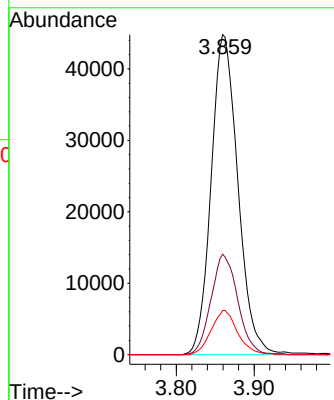
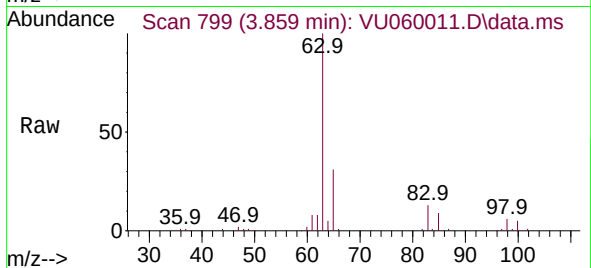




#19
1,1-Dichloroethane
Concen: 5.432 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

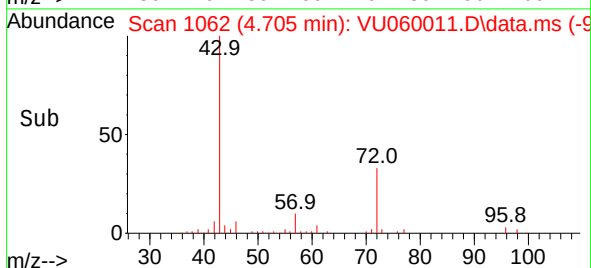
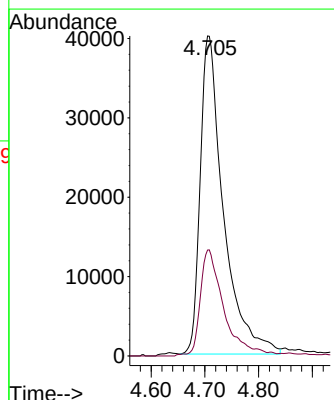
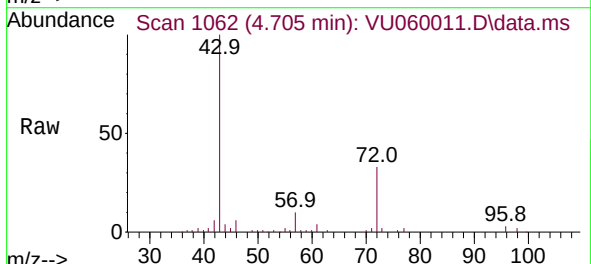
Instrument :
MSVOA_U
ClientSampleId :

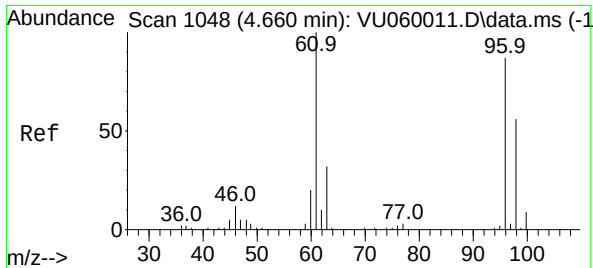
Tgt Ion: 63 Resp: 106666
Ion Ratio Lower Upper
63 100
65 31.4 22.0 40.8
83 13.8 9.7 17.9



#21
2-Butanone
Concen: 55.214 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

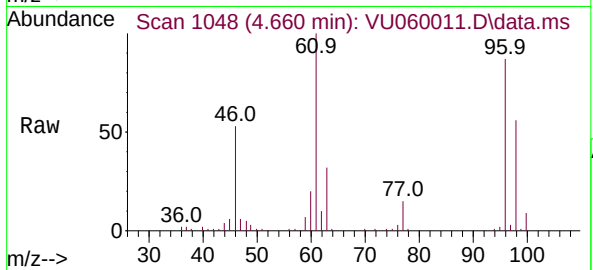
Tgt Ion: 43 Resp: 120128
Ion Ratio Lower Upper
43 100
72 32.6 16.3 48.9



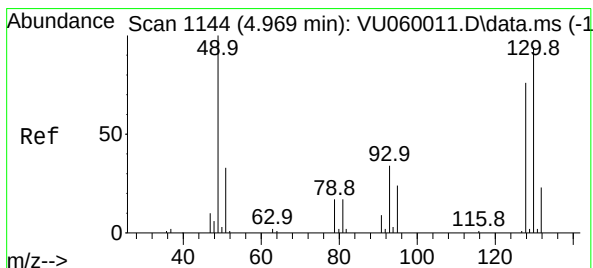
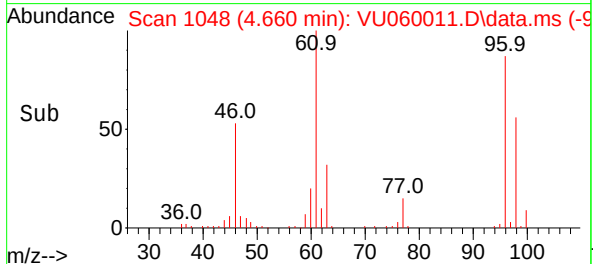
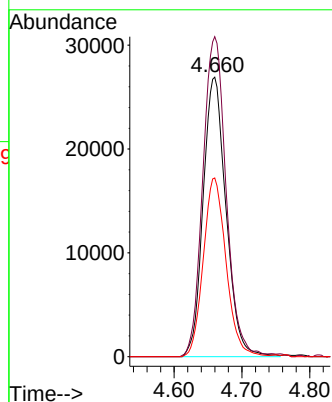


#22
cis-1,2-Dichloroethene
Concen: 5.400 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Instrument :
MSVOA_U
ClientSampleId :

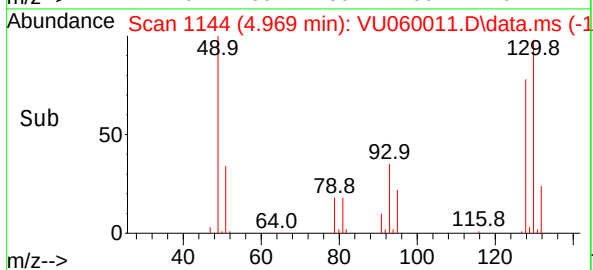
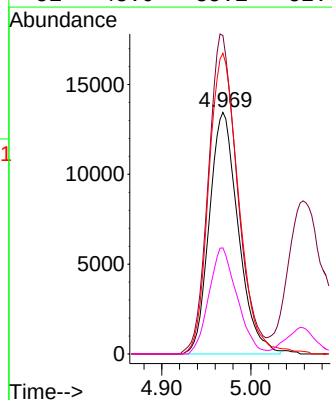
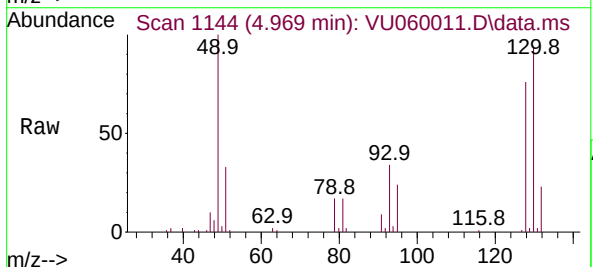


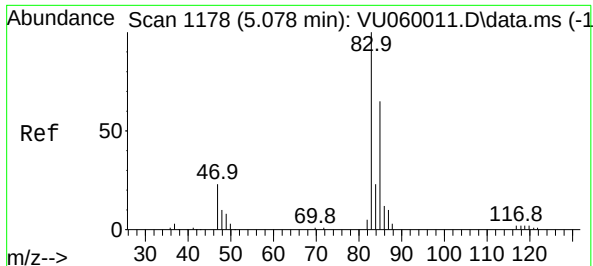
Tgt Ion: 96 Resp: 63227
Ion Ratio Lower Upper
96 100
61 114.5 80.2 148.9
98 63.9 44.7 83.1



#23
Bromochloromethane
Concen: 5.626 ug/L
RT: 4.969 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion:128 Resp: 30295
Ion Ratio Lower Upper
128 100
49 131.8 92.3 171.3
130 124.4 87.1 161.7
51 43.9 35.1 52.7





#25

Chloroform

Concen: 5.526 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

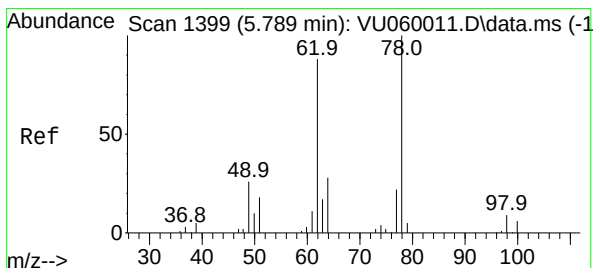
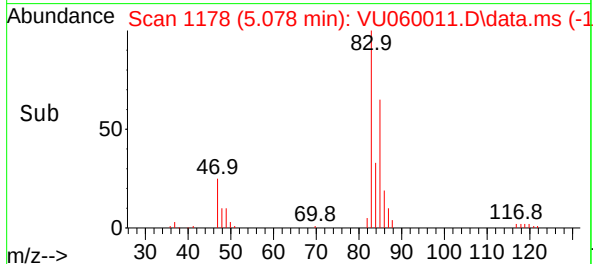
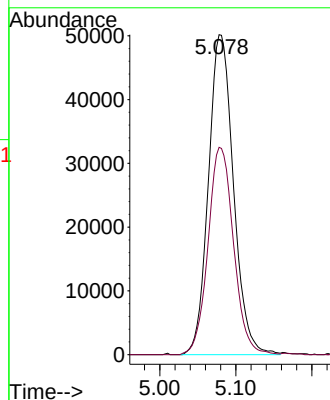
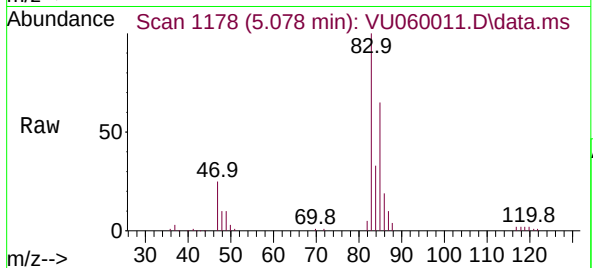
ClientSampleId :

Tgt Ion: 83 Resp: 114921

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.229 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060011.D

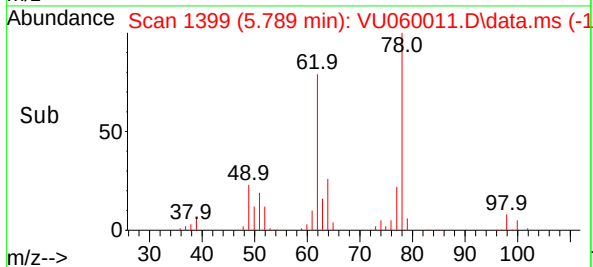
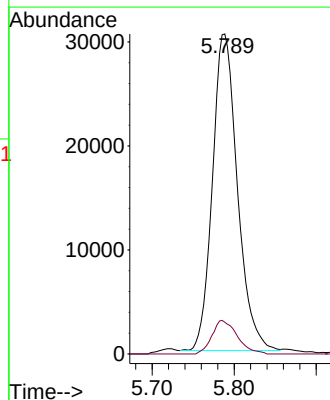
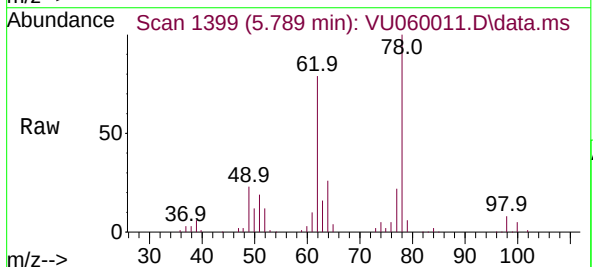
Acq: 18 Jul 2024 12:01

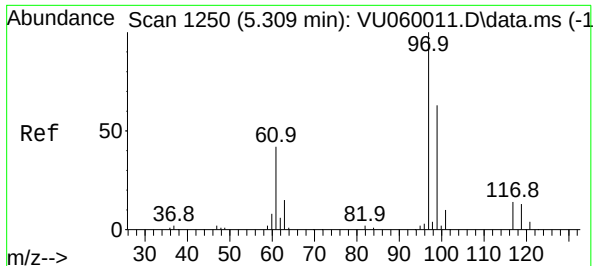
Tgt Ion: 62 Resp: 64521

Ion Ratio Lower Upper

62 100

98 9.9 7.9 11.9



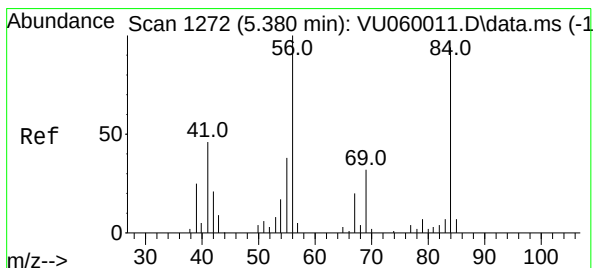
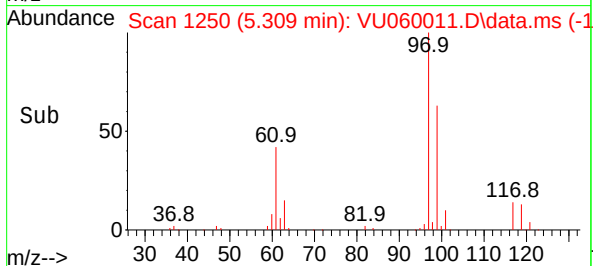
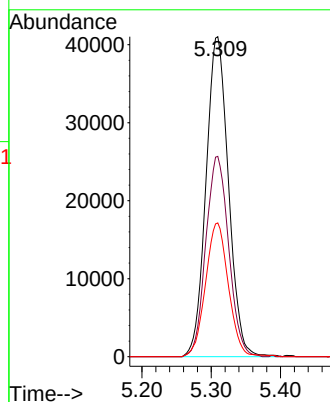
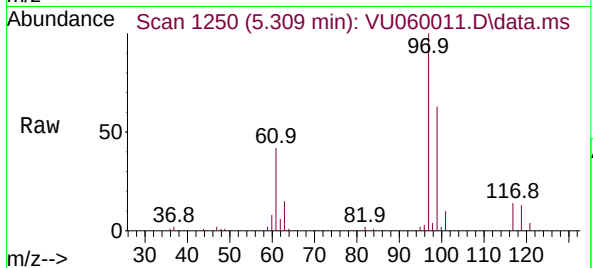


#29
1,1,1-Trichloroethane
Concen: 5.352 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 92412

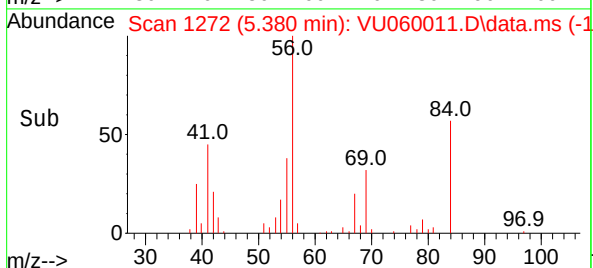
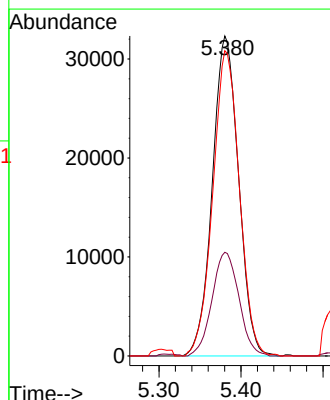
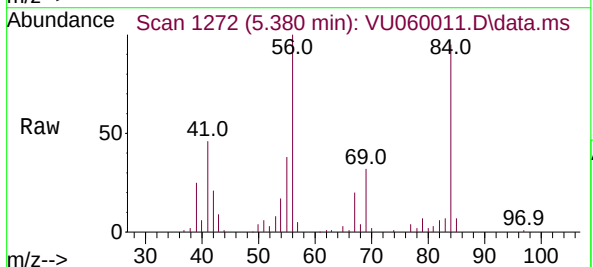
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	42.6	34.1	51.1

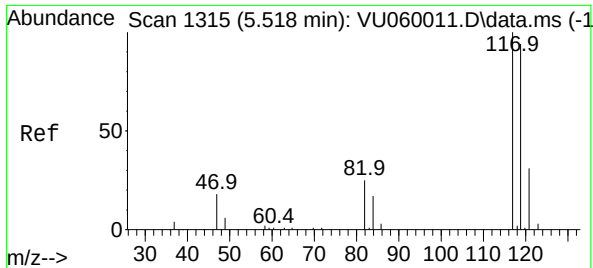


#30
Cyclohexane
Concen: 4.873 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion: 56 Resp: 71923

Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.6	39.8
84	96.5	77.2	115.8

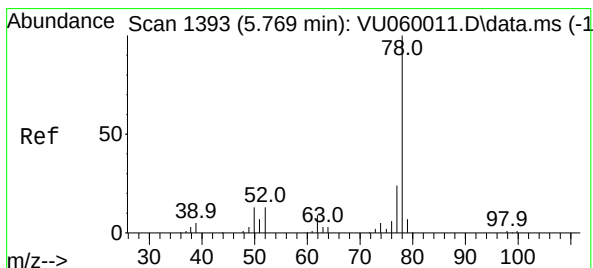
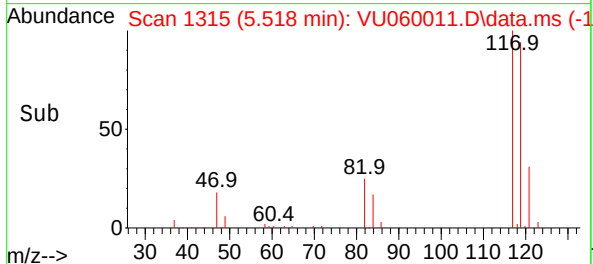
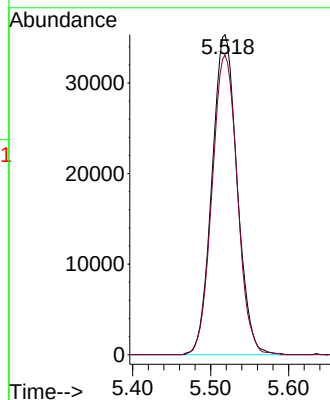
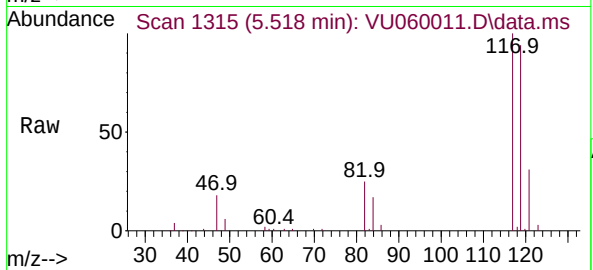




#31
Carbon tetrachloride
Concen: 5.447 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

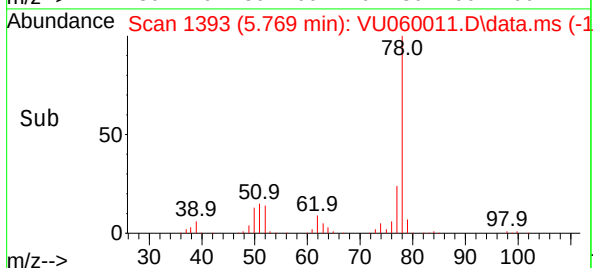
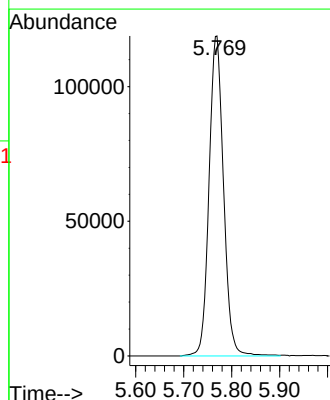
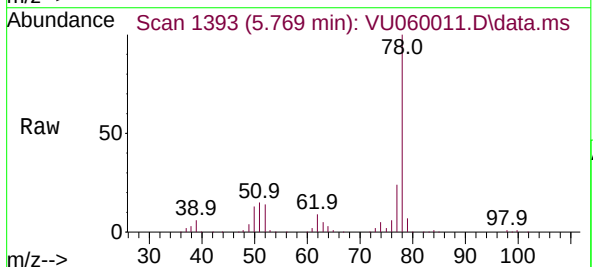
Instrument :
MSVOA_U
ClientSampleId :

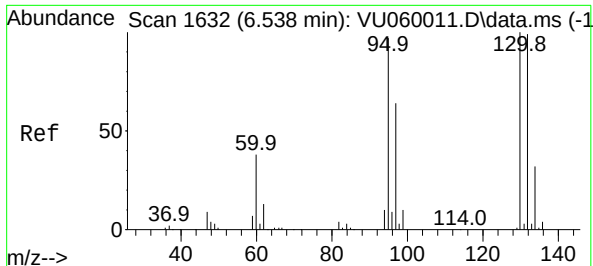
Tgt Ion:117 Resp: 79144
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4



#33
Benzene
Concen: 5.492 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

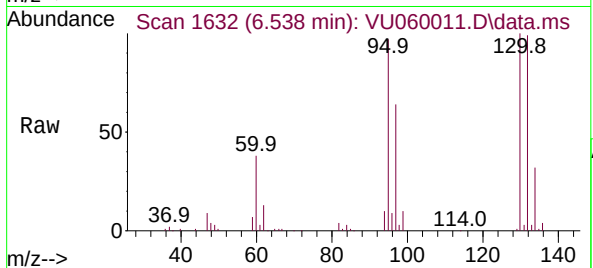
Tgt Ion: 78 Resp: 248898



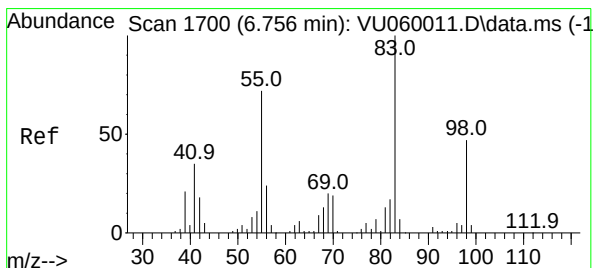
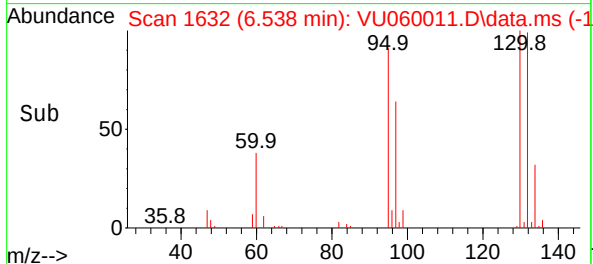
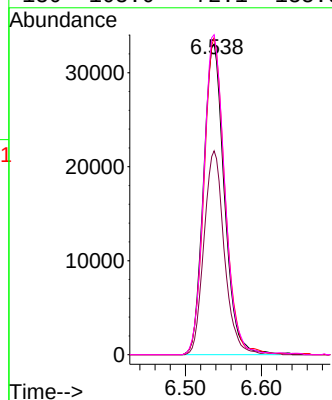


#34
Trichloroethene
Concen: 5.183 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Instrument :
MSVOA_U
ClientSampleId :

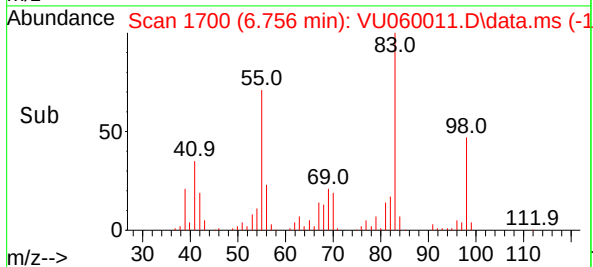
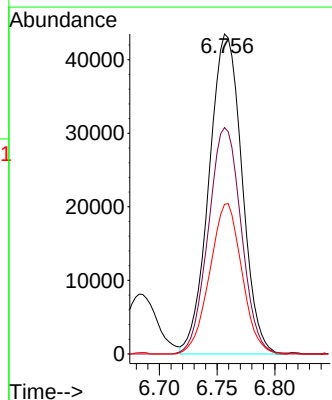
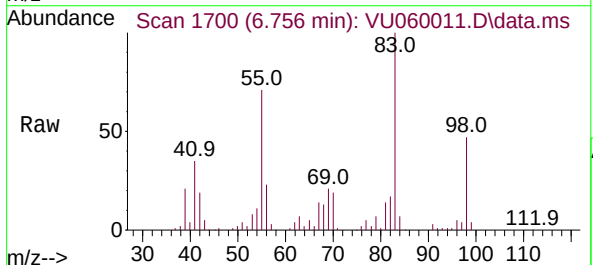


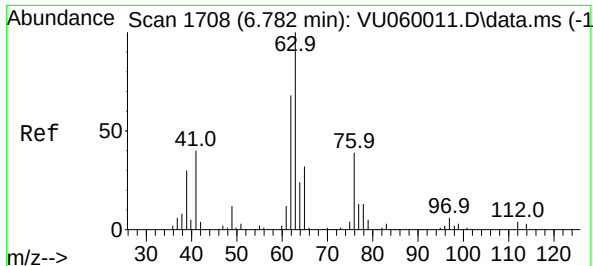
Tgt Ion: 95 Resp: 63047
Ion Ratio Lower Upper
95 100
97 65.6 45.9 85.3
132 102.0 71.4 132.6
130 103.0 72.1 133.9



#35
Methylcyclohexane
Concen: 5.021 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion: 83 Resp: 86194
Ion Ratio Lower Upper
83 100
55 70.9 56.7 85.1
98 45.8 36.6 55.0

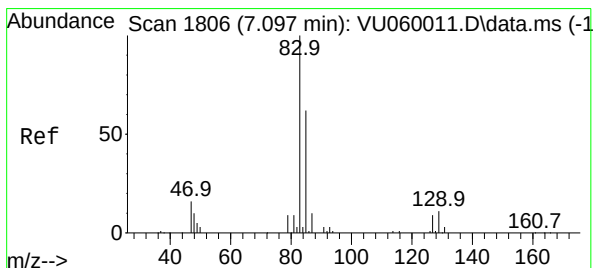
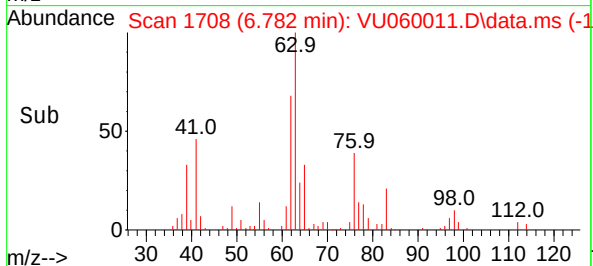
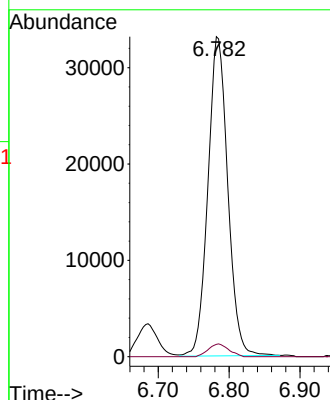
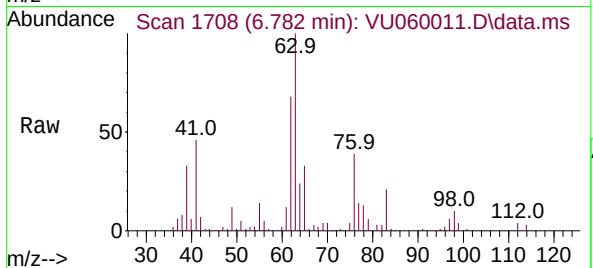




#37
1,2-Dichloropropane
Concen: 5.503 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

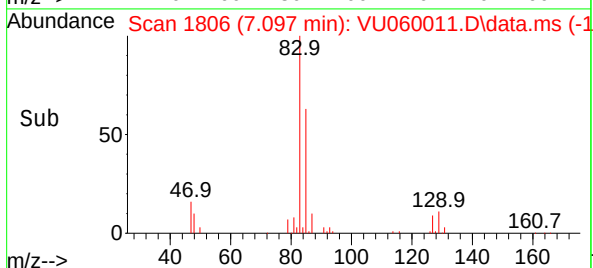
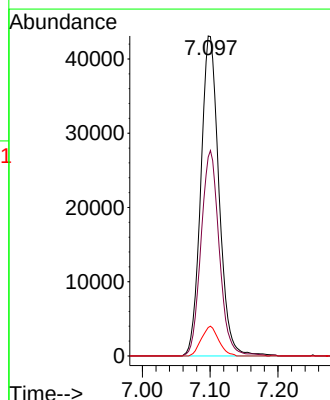
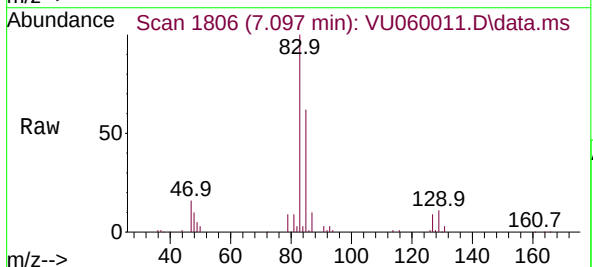
Instrument :
MSVOA_U
ClientSampleId :

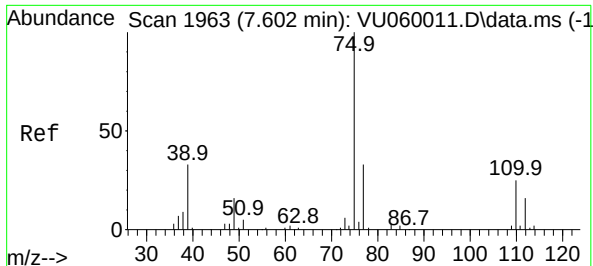
Tgt Ion: 63 Resp: 64480
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.467 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion: 83 Resp: 80107
Ion Ratio Lower Upper
83 100
85 62.1 43.5 80.7
127 8.9 7.1 10.7

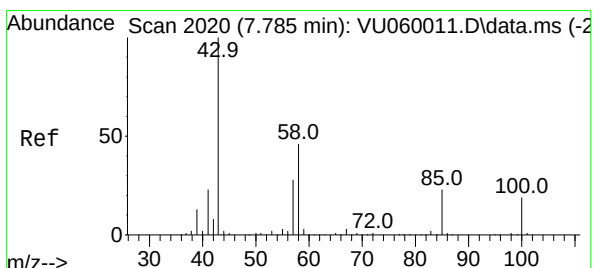
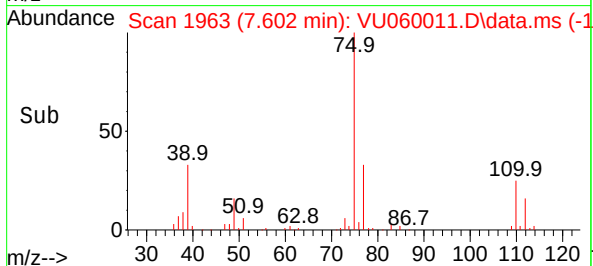
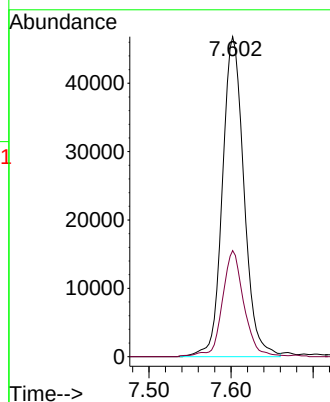
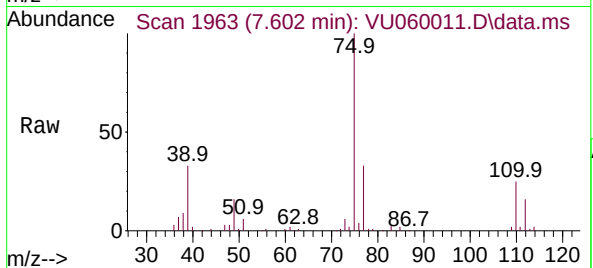




#39
 cis-1,3-Dichloropropene
 Concen: 5.361 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060011.D
 Acq: 18 Jul 2024 12:01

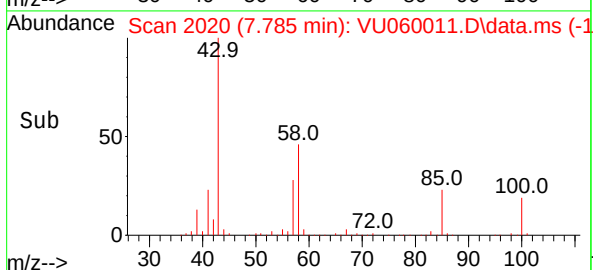
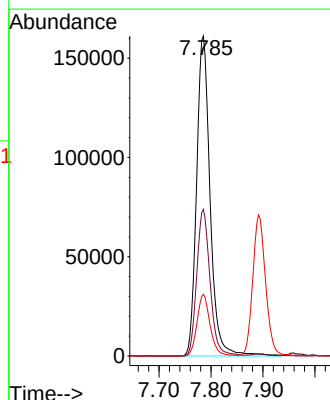
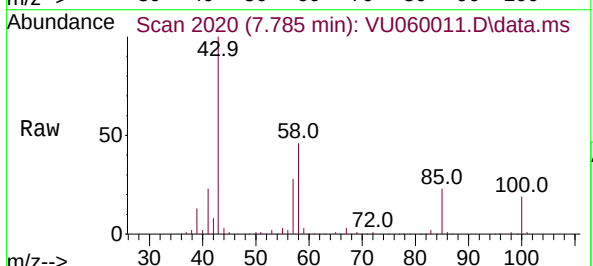
Instrument :
 MSVOA_U
 ClientSampleId :

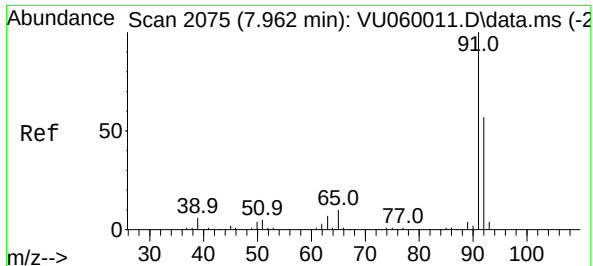
Tgt Ion: 75 Resp: 85464
 Ion Ratio Lower Upper
 75 100
 77 33.2 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 53.849 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060011.D
 Acq: 18 Jul 2024 12:01

Tgt Ion: 43 Resp: 291545
 Ion Ratio Lower Upper
 43 100
 58 45.0 36.0 54.0
 100 18.6 14.9 22.3

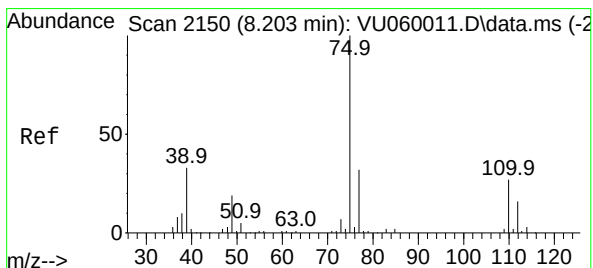
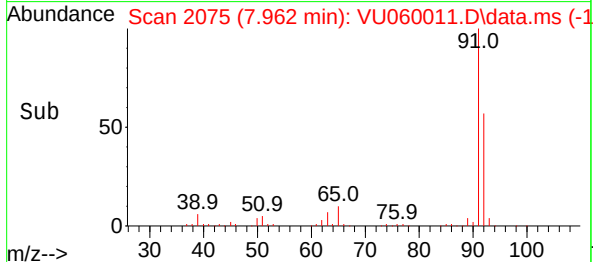
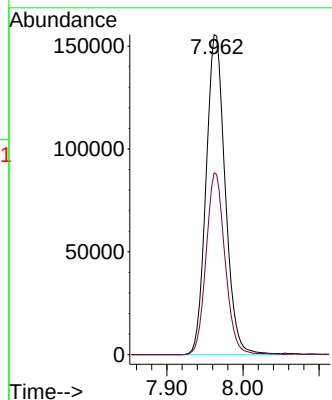
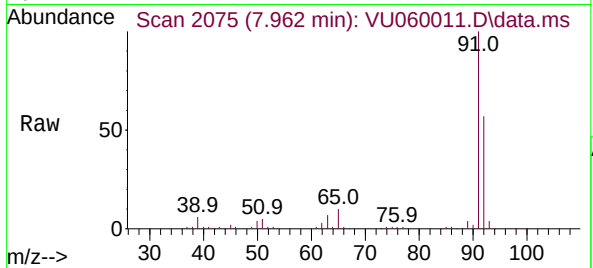




#42
Toluene
Concen: 5.649 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

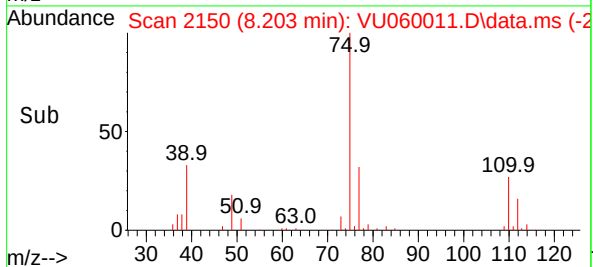
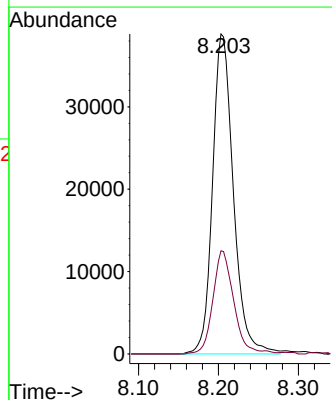
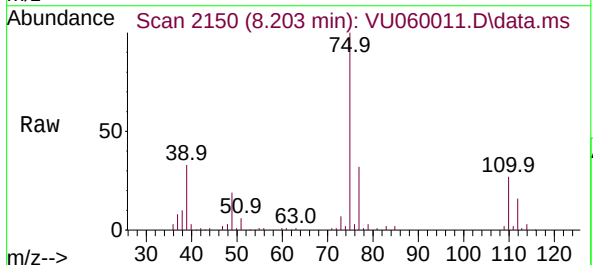
Instrument :
MSVOA_U
ClientSampleId :

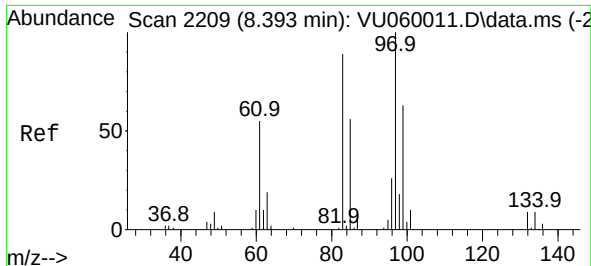
Tgt Ion: 91 Resp: 271457
Ion Ratio Lower Upper
91 100
92 56.8 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 5.458 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion: 75 Resp: 70256
Ion Ratio Lower Upper
75 100
77 32.3 22.6 42.0

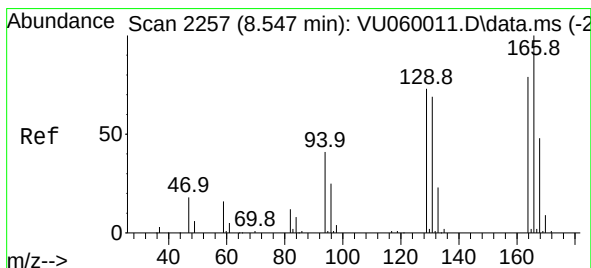
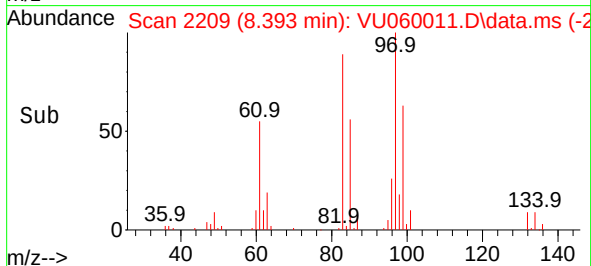
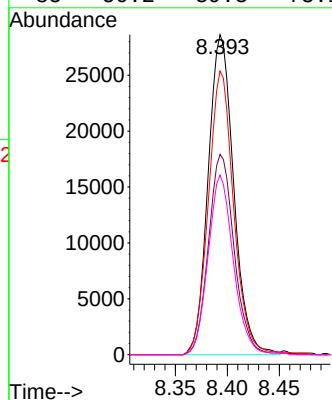
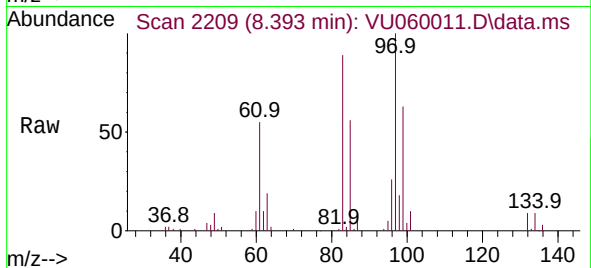




#45
1,1,2-Trichloroethane
Concen: 5.607 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

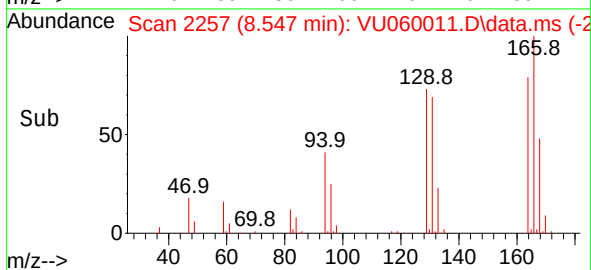
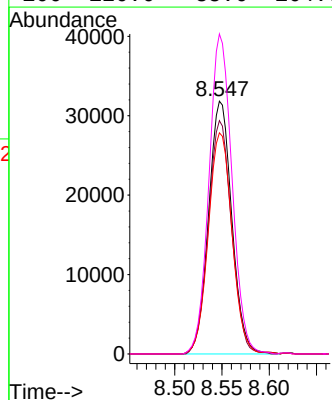
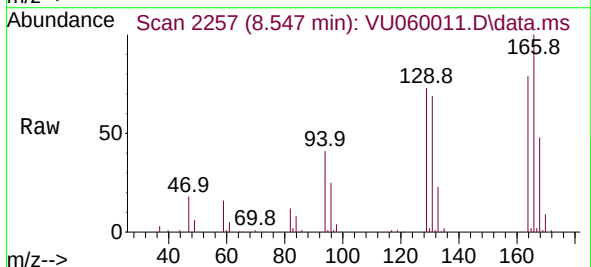
Instrument :
MSVOA_U
ClientSampleId :

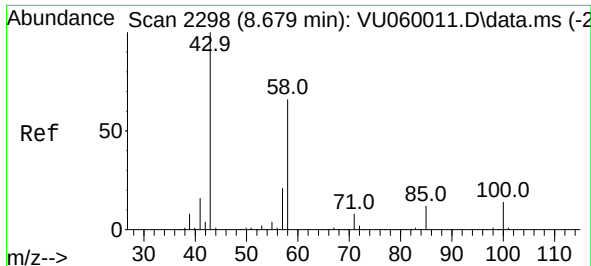
Tgt Ion: 97	Resp: 48883
Ion Ratio	Lower Upper
97 100	
99 62.6	43.8 81.4
83 88.7	62.1 115.3
85 56.2	39.3 73.1



#47
Tetrachloroethene
Concen: 5.646 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt	Ion:164	Resp:	54424
Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.6	120.0
131	87.5	61.2	113.8
166	126.6	88.6	164.6





#48

2-Hexanone

Concen: 54.966 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

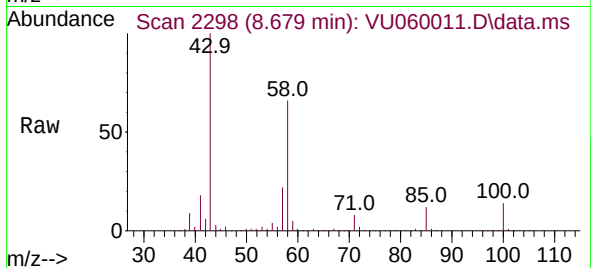
Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 212407

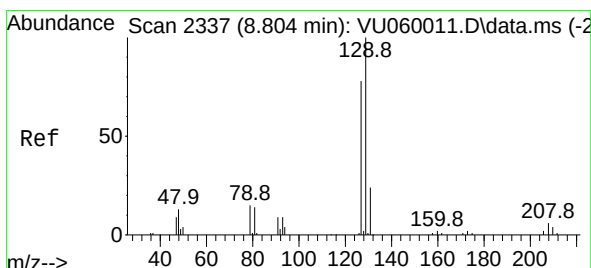
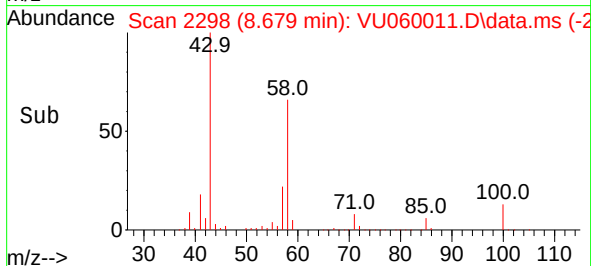
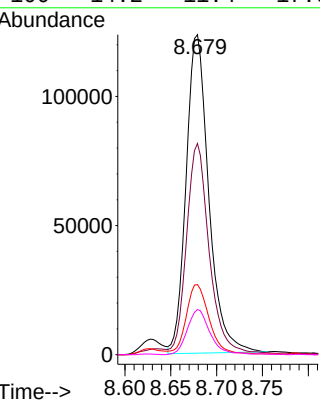
Ion Ratio Lower Upper

43 100

58 65.7 52.6 78.8

57 22.3 17.8 26.8

100 14.2 11.4 17.0



#49

Dibromochloromethane

Concen: 5.719 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU060011.D

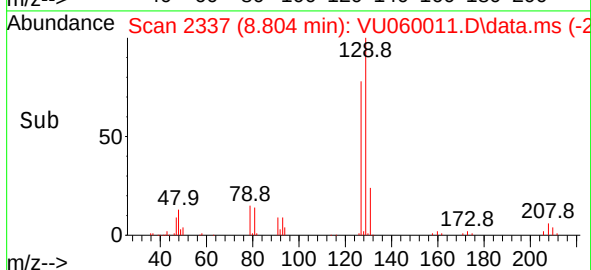
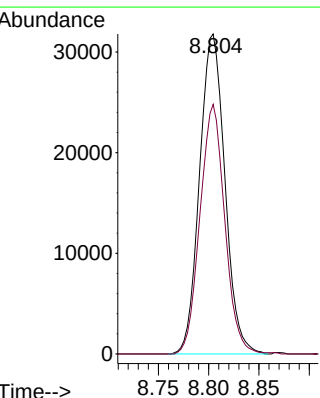
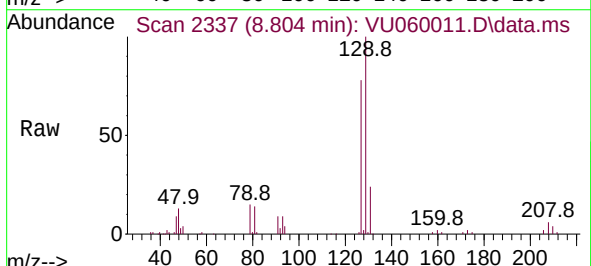
Acq: 18 Jul 2024 12:01

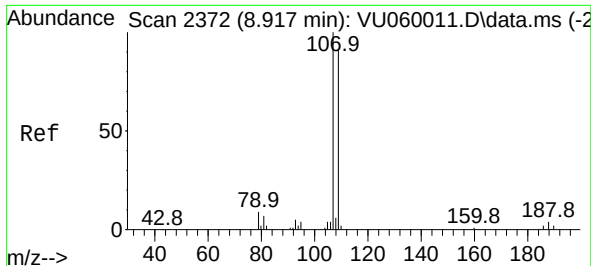
Tgt Ion: 129 Resp: 55711

Ion Ratio Lower Upper

129 100

127 78.0 54.6 101.4





#50

1,2-Dibromoethane

Concen: 5.571 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

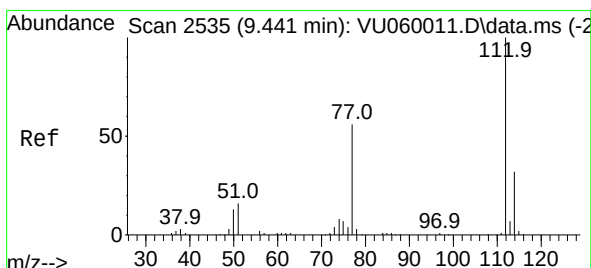
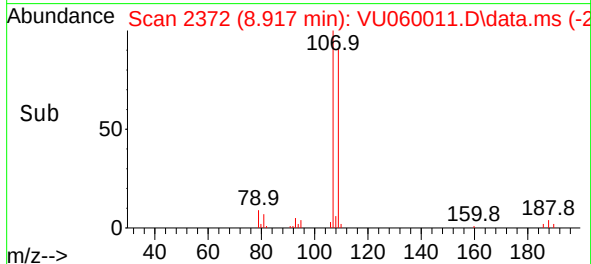
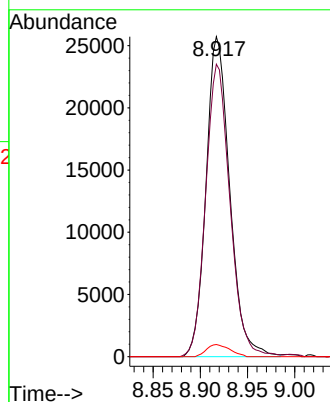
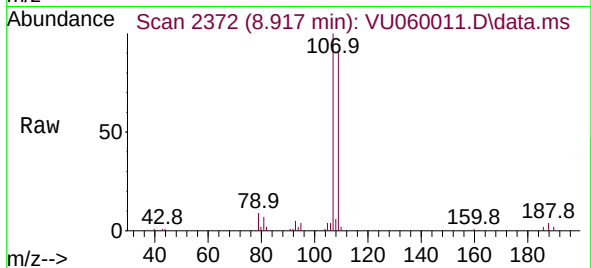
Tgt Ion:107 Resp: 44843

Ion Ratio Lower Upper

107 100

109 91.4 64.0 118.8

188 3.8 3.0 4.6



#51

Chlorobenzene

Concen: 5.555 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

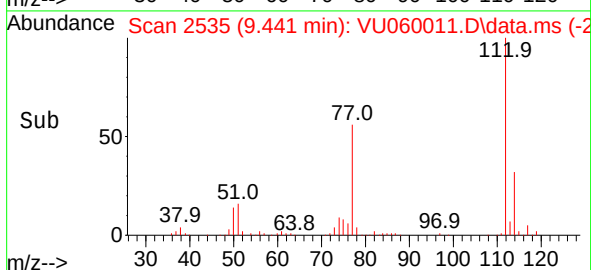
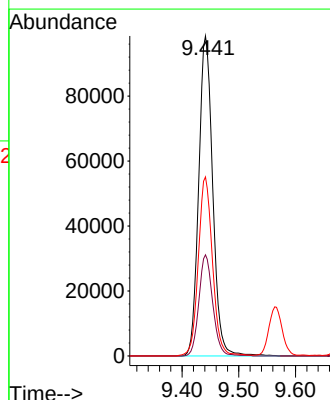
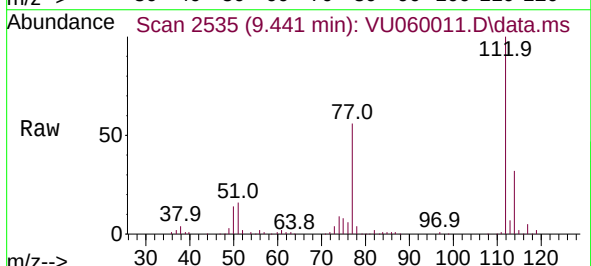
Tgt Ion:112 Resp: 169373

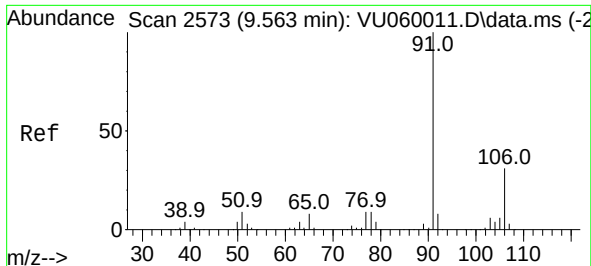
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 55.9 44.7 67.1

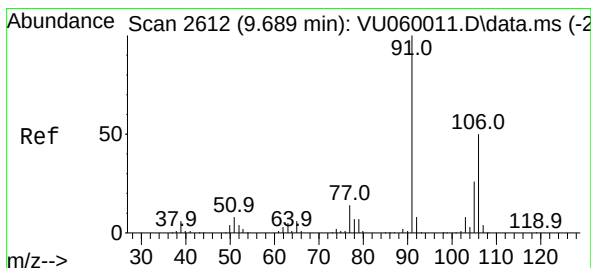
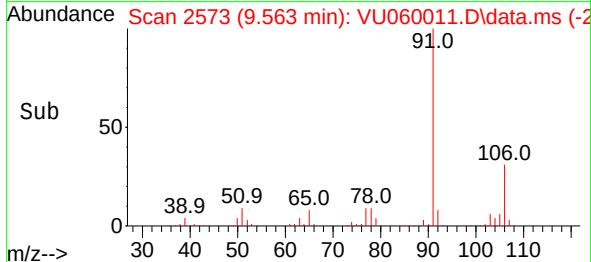
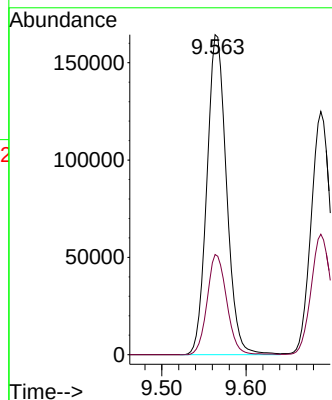
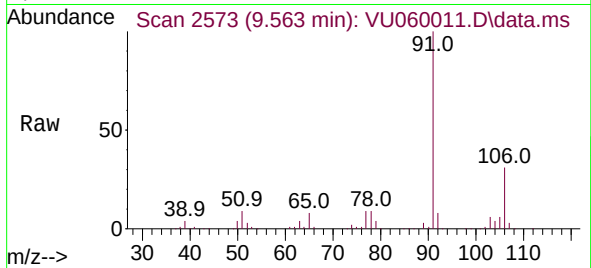




#52
Ethylbenzene
Concen: 5.436 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

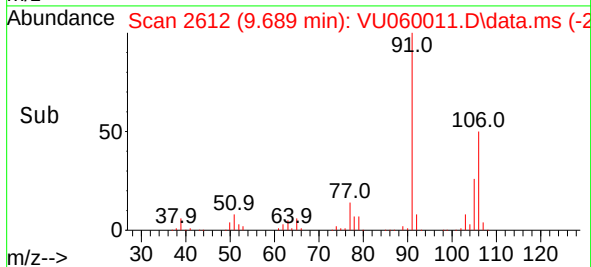
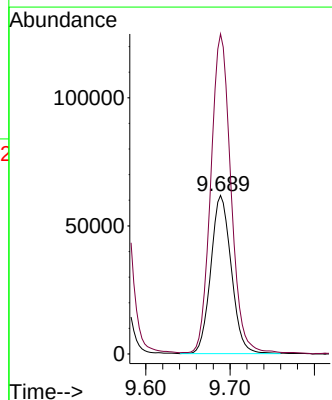
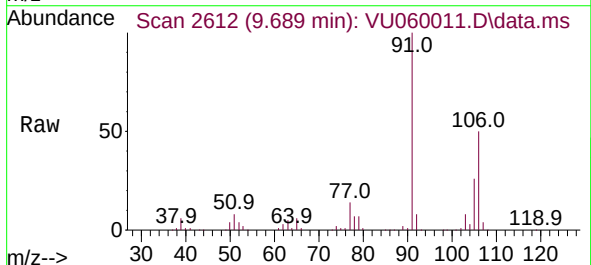
Instrument :
MSVOA_U
ClientSampleId :

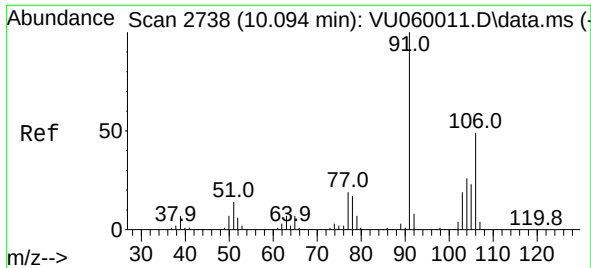
Tgt Ion: 91 Resp: 266363
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 5.516 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion:106 Resp: 103918
Ion Ratio Lower Upper
106 100
91 201.9 141.3 262.5

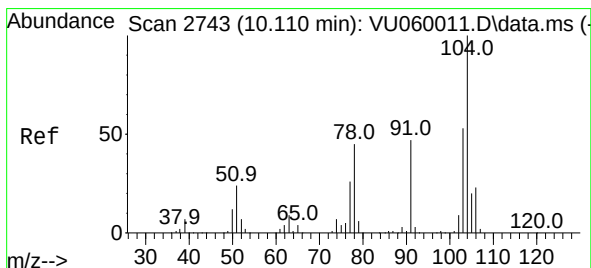
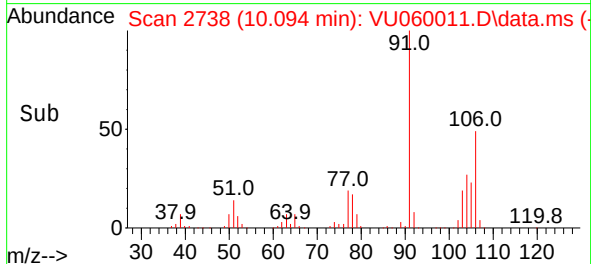
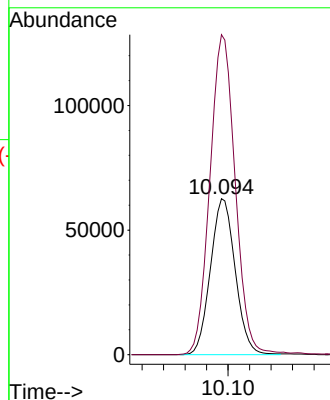
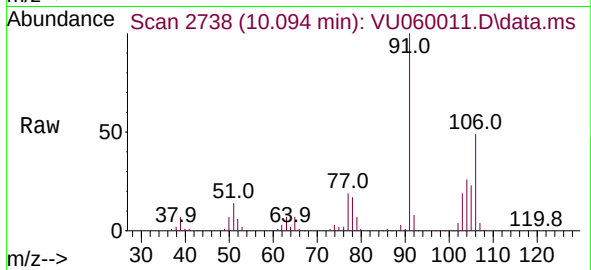




#54
o-Xylene
Concen: 5.588 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

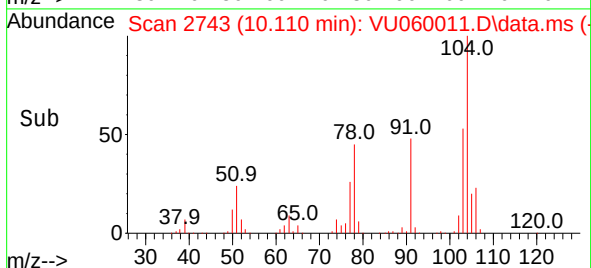
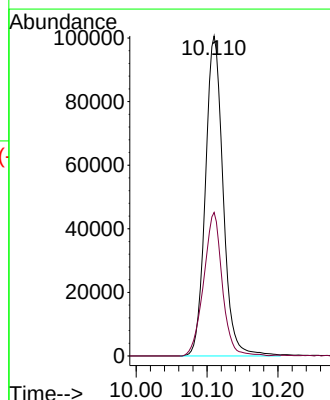
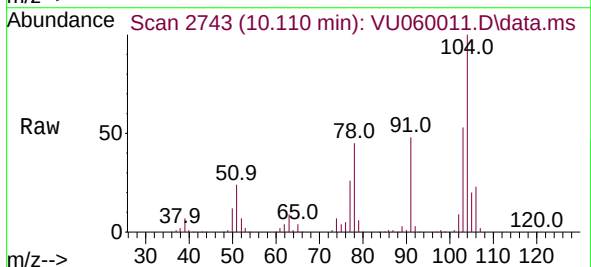
Instrument :
MSVOA_U
ClientSampleId :

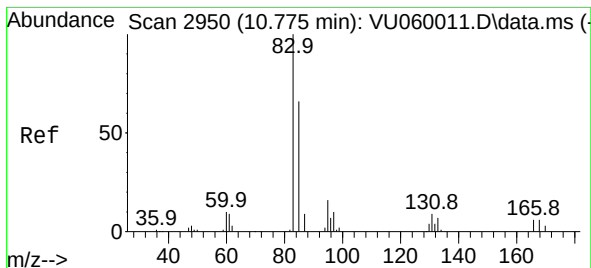
Tgt Ion:106 Resp: 100258
Ion Ratio Lower Upper
106 100
91 205.1 143.6 266.6



#55
Styrene
Concen: 5.729 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion:104 Resp: 174734
Ion Ratio Lower Upper
104 100
78 44.9 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.576 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

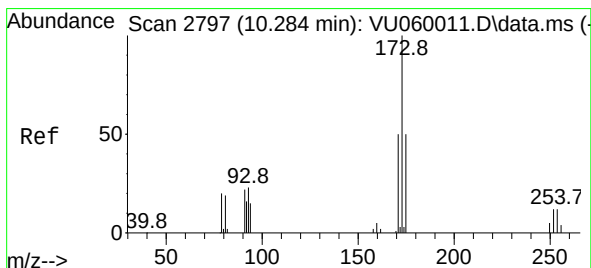
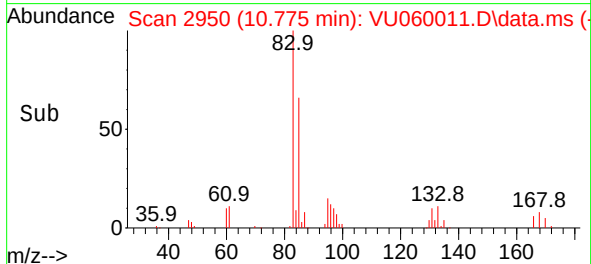
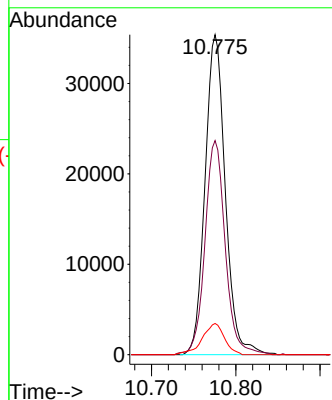
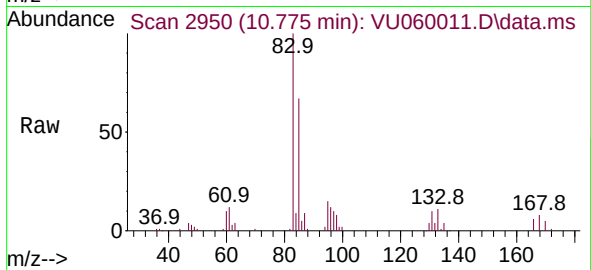
Tgt Ion: 83 Resp: 59256

Ion Ratio Lower Upper

83 100

85 66.9 46.8 87.0

131 9.7 7.8 11.6



#59

Bromoform

Concen: 5.433 ug/L

RT: 10.284 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

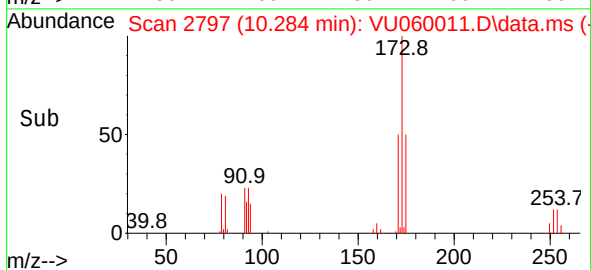
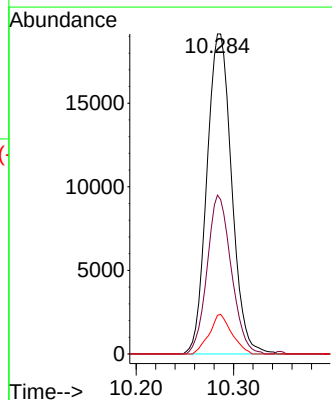
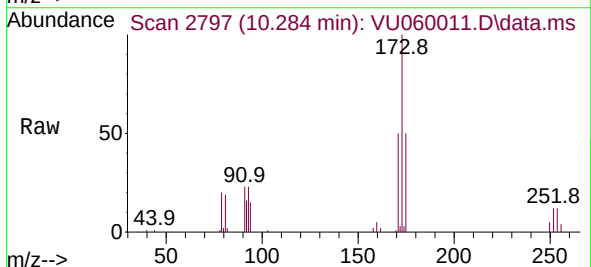
Tgt Ion:173 Resp: 33758

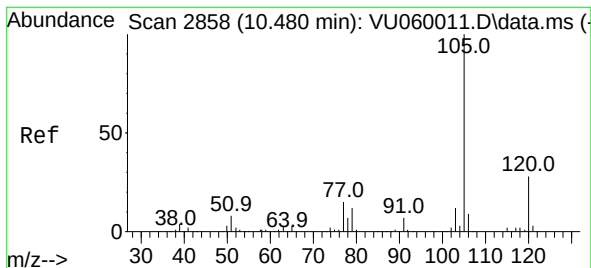
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 11.2 9.0 13.4





#60

Isopropylbenzene

Concen: 5.379 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

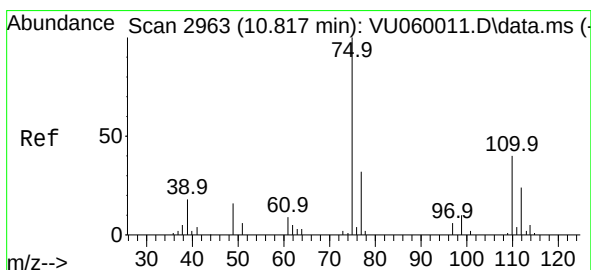
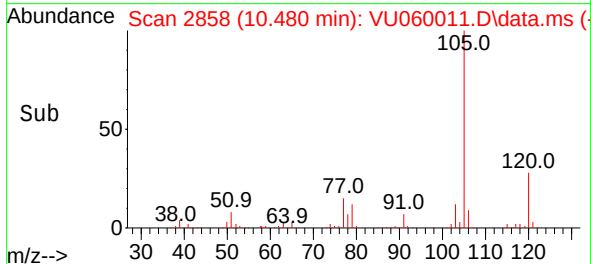
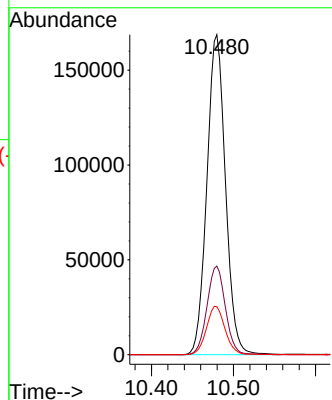
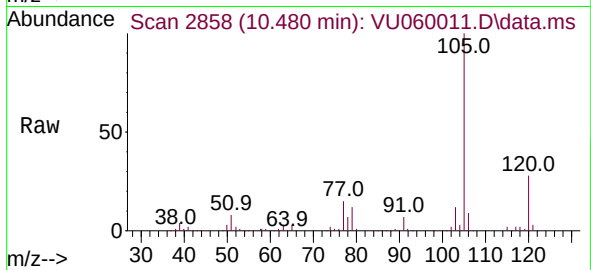
Tgt Ion:105 Resp: 266033

Ion Ratio Lower Upper

105 100

120 27.4 21.9 32.9

77 15.1 12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 5.335 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

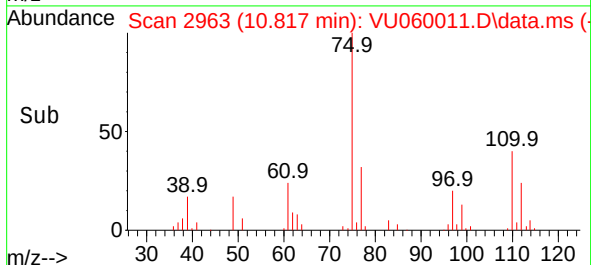
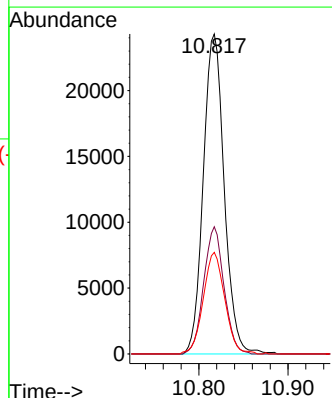
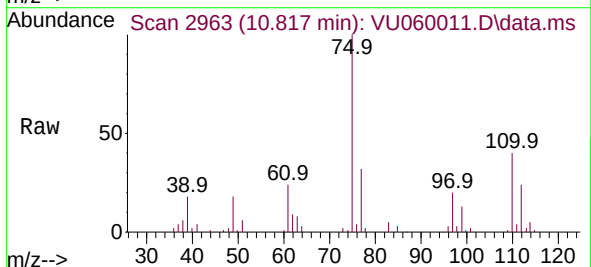
Tgt Ion: 75 Resp: 39592

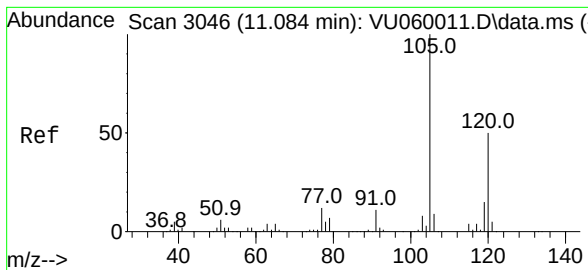
Ion Ratio Lower Upper

75 100

110 38.5 30.8 46.2

77 32.7 26.2 39.2

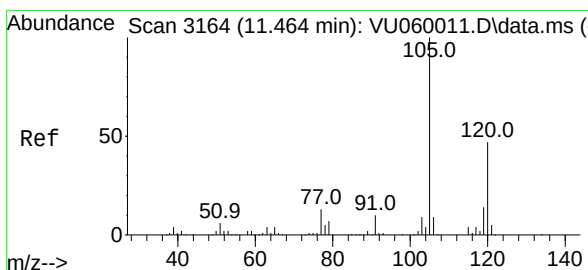
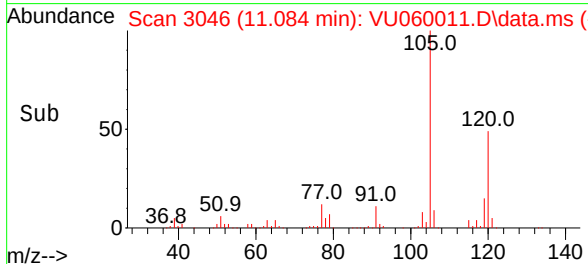
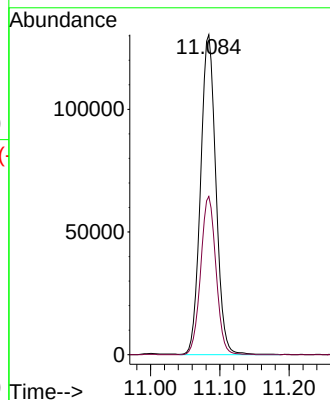
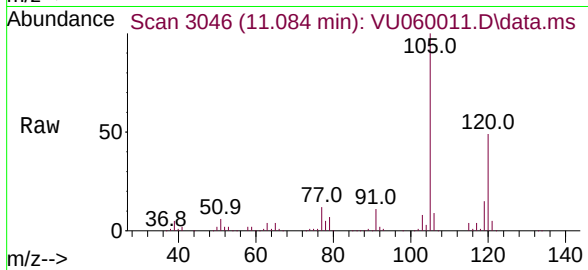




#62
1,3,5-Trimethylbenzene
Concen: 5.161 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

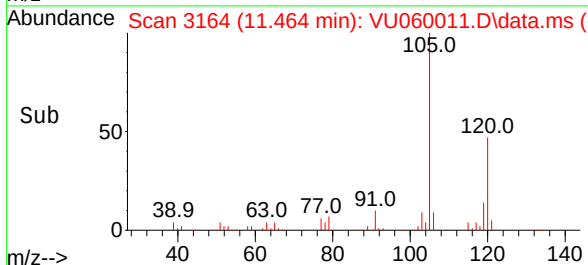
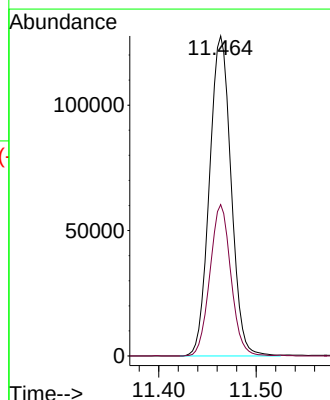
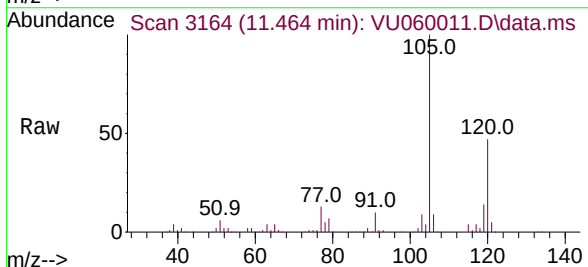
Instrument :
MSVOA_U
ClientSampleId :

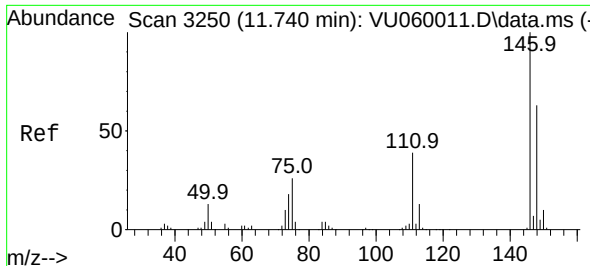
Tgt Ion:105 Resp: 200454
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.301 ug/L
RT: 11.464 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

Tgt Ion:105 Resp: 196875
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.500 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

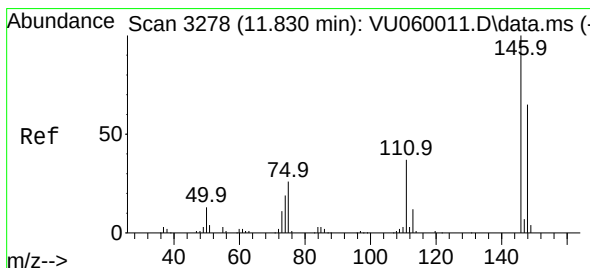
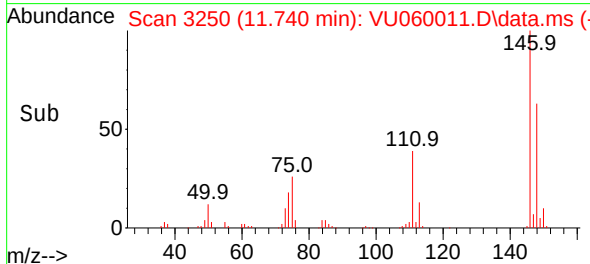
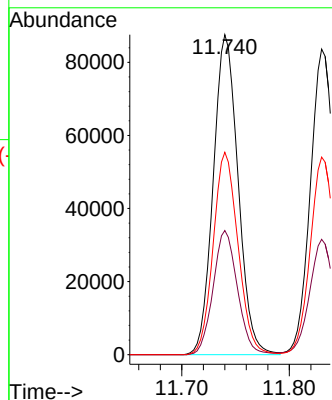
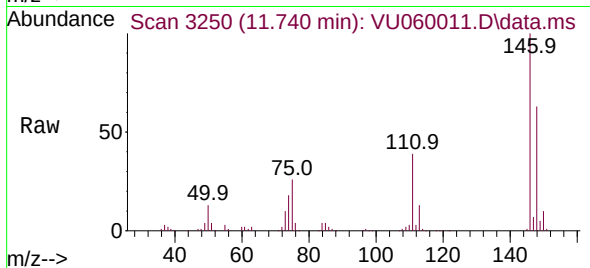
Tgt Ion:146 Resp: 140533

Ion Ratio Lower Upper

146 100

111 38.8 27.2 50.4

148 63.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 5.239 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

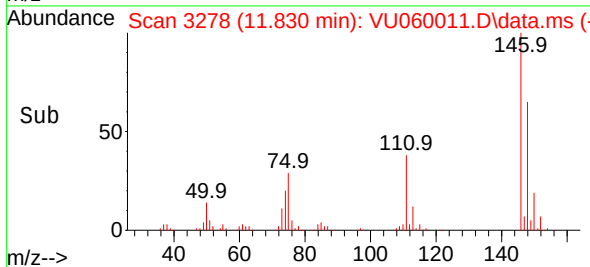
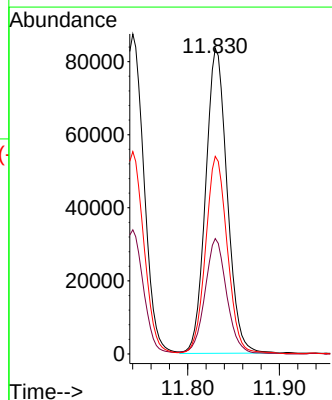
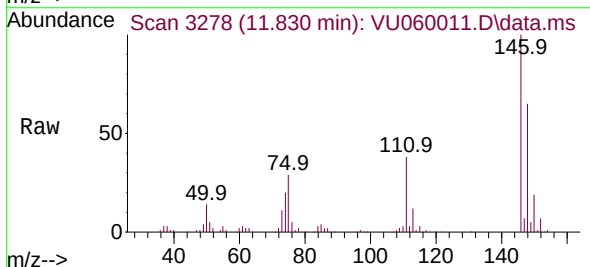
Tgt Ion:146 Resp: 136327

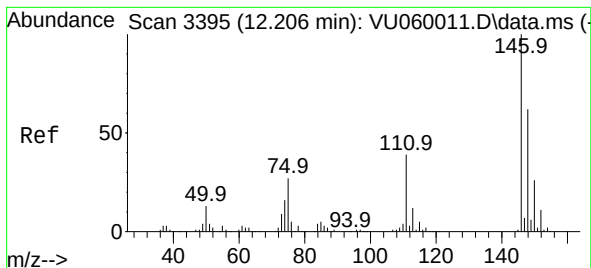
Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.1

148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.452 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

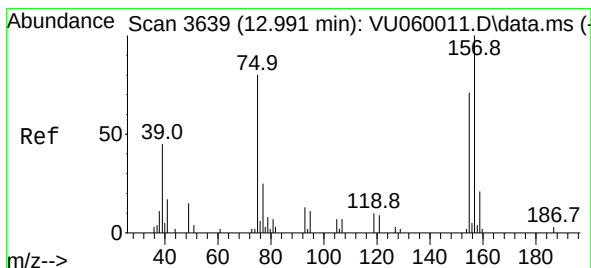
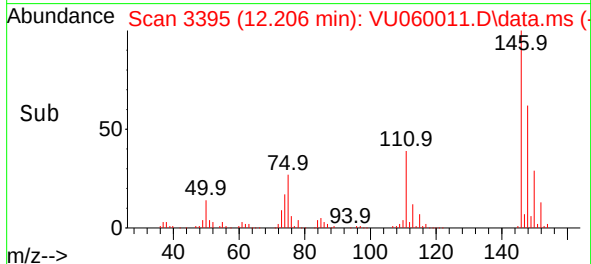
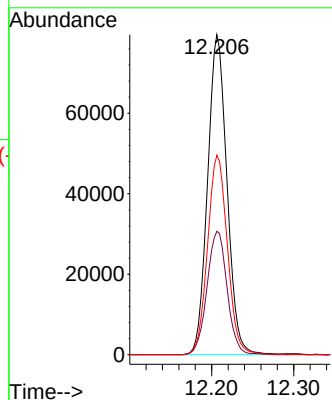
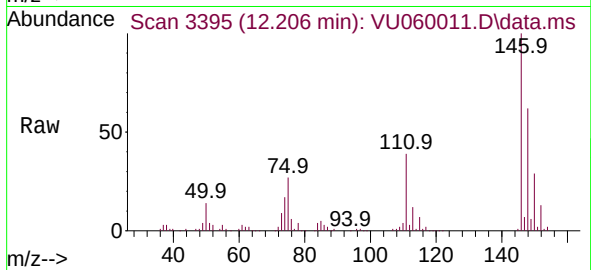
Tgt Ion:146 Resp: 130631

Ion Ratio Lower Upper

146 100

111 38.6 30.9 46.3

148 62.3 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.478 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

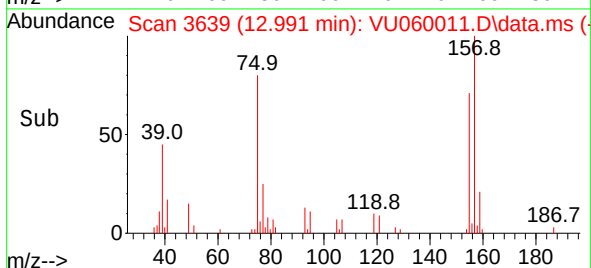
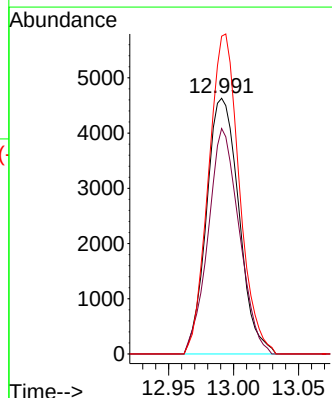
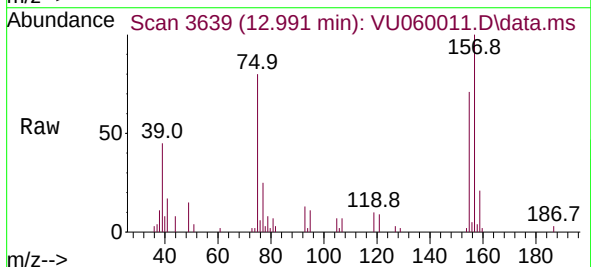
Tgt Ion: 75 Resp: 8000

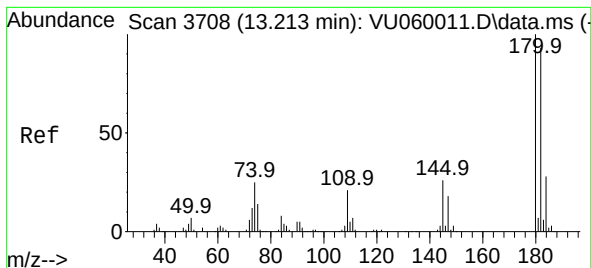
Ion Ratio Lower Upper

75 100

155 88.2 70.6 105.8

157 124.3 99.4 149.2





#69

1,3,5-Trichlorobenzene

Concen: 5.463 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 103669

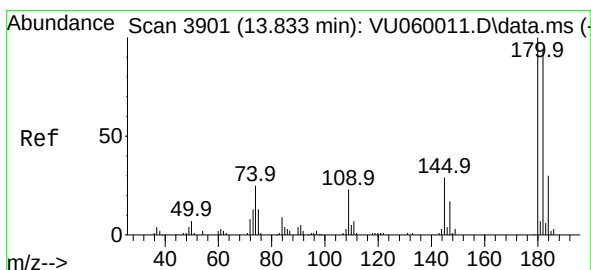
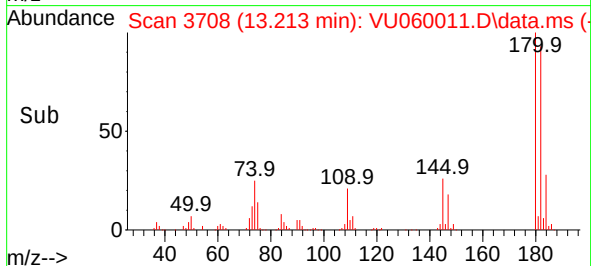
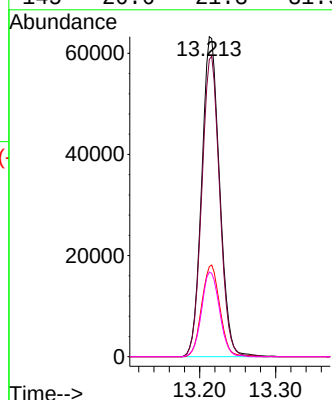
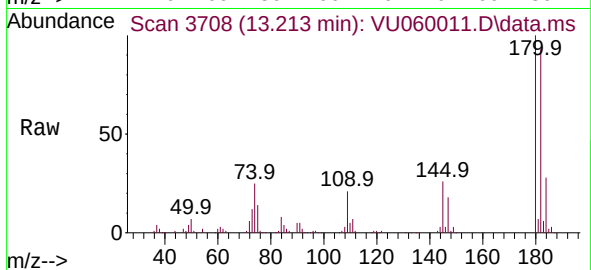
Ion Ratio Lower Upper

180 100

182 93.2 74.6 111.8

184 28.9 23.1 34.7

145 26.6 21.3 31.9



#70

1,2,4-trichlorobenzene

Concen: 5.250 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060011.D

Acq: 18 Jul 2024 12:01

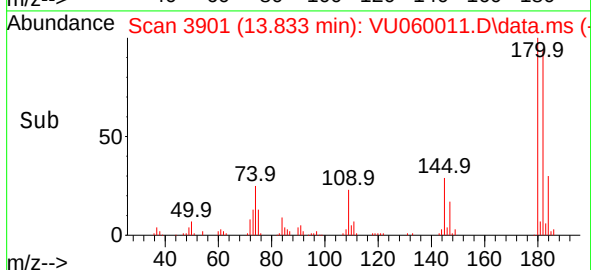
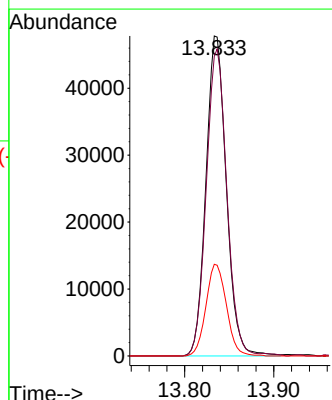
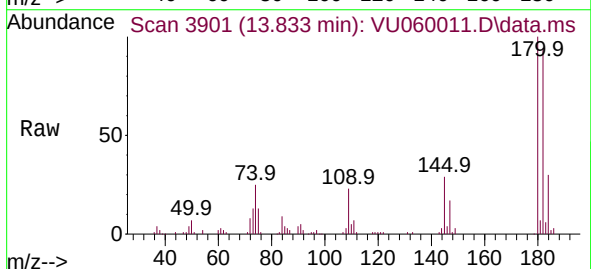
Tgt Ion:180 Resp: 76050

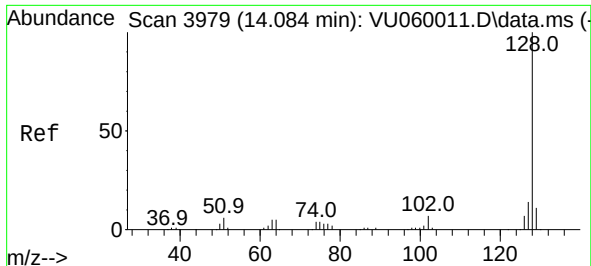
Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

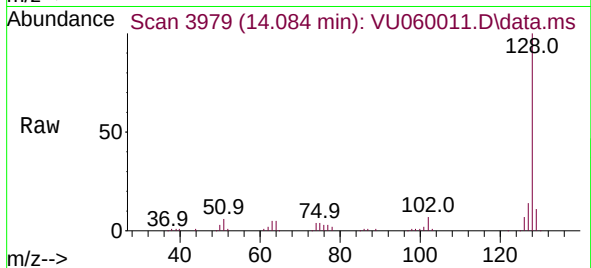
145 28.7 23.0 34.4



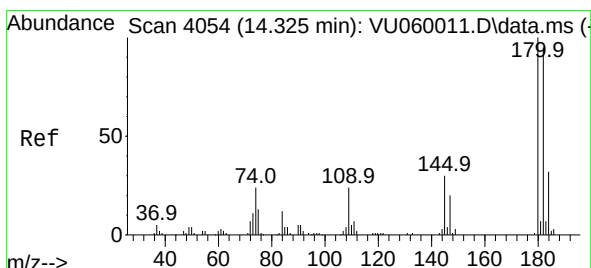
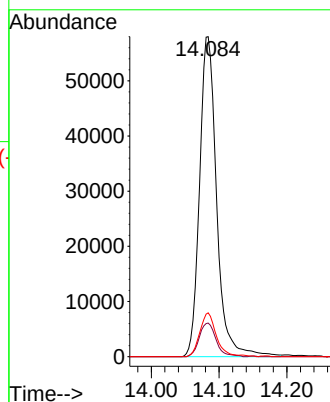
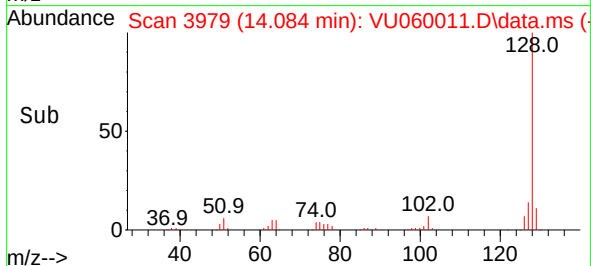


#71
Naphthalene
Concen: 4.942 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01

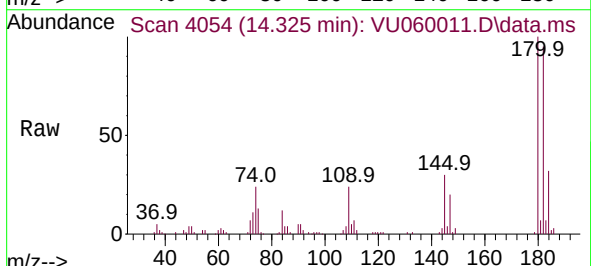
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 101678
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.203 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU060011.D
Acq: 18 Jul 2024 12:01



Tgt Ion:180 Resp: 69834
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 29.9 23.9 35.9

