

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060779.D
 Acq On : 16 Sep 2024 13:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:41:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:33:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	177031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71678	4.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.910	69	52509	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.560	65	27548	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.634	46	128170	50.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.055	84	116283	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	54708	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	236557	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	74531	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	217712	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.174	79	27437	5.151	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	113115	53.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59032	5.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	74953	4.981	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	66019	4.940	ug/L	97
3) Chloromethane	1.518	50	69400	4.916	ug/L	96
5) Vinyl chloride	1.602	62	76862	5.031	ug/L	95
6) Bromomethane	1.856	94	47700	4.885	ug/L	97
8) Chloroethane	1.930	64	44785	4.798	ug/L	98
9) Trichlorofluoromethane	2.136	101	100983	4.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60872	4.992	ug/L	99
12) 1,1-Dichloroethene	2.576	96	55648	4.997	ug/L	86
13) Acetone	2.650	43	88473	51.879	ug/L	99
14) Carbon disulfide	2.788	76	152398	4.933	ug/L	99
15) Methyl Acetate	2.955	43	22075	5.309	ug/L	97
16) Methylene chloride	3.039	84	67328	5.221	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	129069	5.128	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	56395	4.888	ug/L	98
19) 1,1-Dichloroethane	3.859	63	113942	4.918	ug/L	98
21) 2-Butanone	4.711	43	135623	48.854	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	64969	5.087	ug/L	97
23) Bromochloromethane	4.968	128	30049	4.982	ug/L	94
25) Chloroform	5.078	83	118813	4.918	ug/L	95

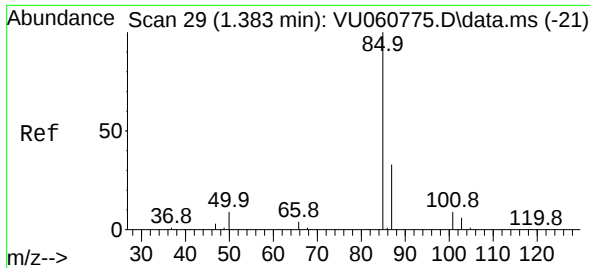
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060779.D
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 ClientSampleId :

Quant Time: Sep 17 01:41:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:33:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68751	4.911	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	98116	5.093	ug/L	99
30) Cyclohexane	5.380	56	83112	5.249	ug/L	99
31) Carbon tetrachloride	5.518	117	84475	4.953	ug/L	96
33) Benzene	5.766	78	256277	5.223	ug/L	100
34) Trichloroethene	6.534	95	65176	5.067	ug/L	98
35) Methylcyclohexane	6.756	83	92137	5.221	ug/L	98
37) 1,2-Dichloropropane	6.782	63	69699	5.155	ug/L #	97
38) Bromodichloromethane	7.097	83	82951	5.002	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	92812	5.161	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	343679	54.433	ug/L	100
42) Toluene	7.962	91	278933	5.437	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	80096	5.416	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	50756	5.200	ug/L	98
47) Tetrachloroethene	8.547	164	51323	5.021	ug/L	98
48) 2-Hexanone	8.679	43	257838	56.026	ug/L	99
49) Dibromochloromethane	8.801	129	58231	5.240	ug/L	93
50) 1,2-Dibromoethane	8.917	107	45586	5.233	ug/L	99
51) Chlorobenzene	9.438	112	180672	5.244	ug/L	99
52) Ethylbenzene	9.563	91	287567	5.324	ug/L	99
53) m,p-Xylene	9.688	106	111606	5.450	ug/L	98
54) o-Xylene	10.093	106	107426	5.316	ug/L	100
55) Styrene	10.106	104	188244	5.526	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	60944	5.006	ug/L	96
59) Bromoform	10.283	173	35345	5.237	ug/L	98
60) Isopropylbenzene	10.476	105	286983	5.408	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	43147	5.166	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	216937	5.260	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	221825	5.443	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	142647	5.346	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	140534	5.095	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	130199	5.160	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8686	5.326	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	104524	5.236	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	79865	5.680	ug/L	97
71) Naphthalene	14.080	128	106939	5.766	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	71041	5.848	ug/L	100

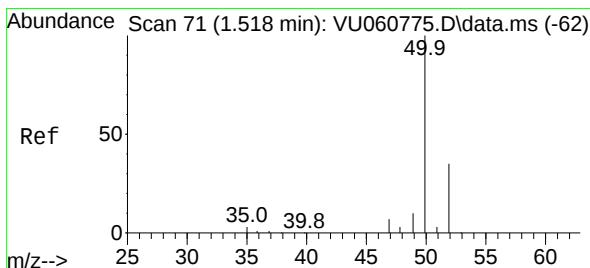
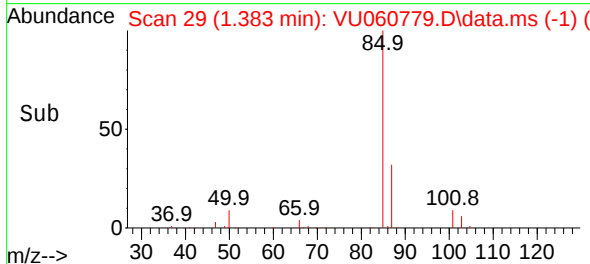
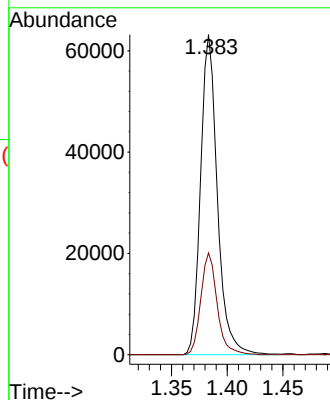
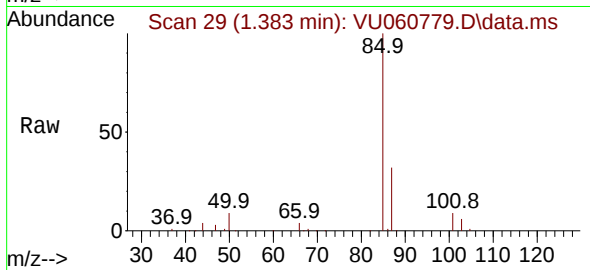
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.940 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

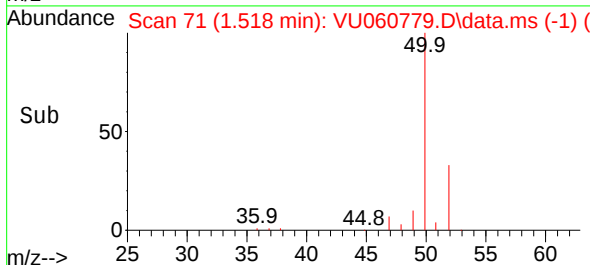
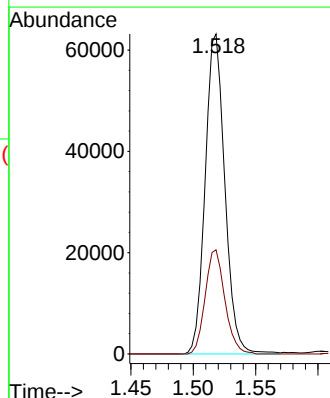
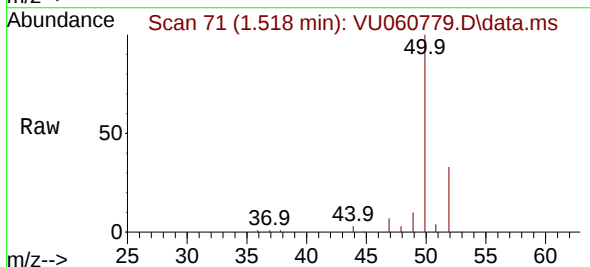
Instrument :
MSVOA_U
ClientSampleId :

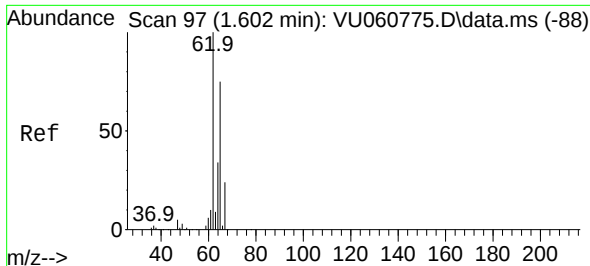
Tgt Ion: 85 Resp: 66019
Ion Ratio Lower Upper
85 100
87 30.9 26.2 39.2



#3
Chloromethane
Concen: 4.916 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

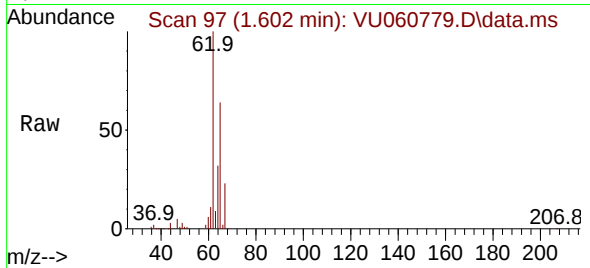
Tgt Ion: 50 Resp: 69400
Ion Ratio Lower Upper
50 100
52 32.5 24.4 45.4



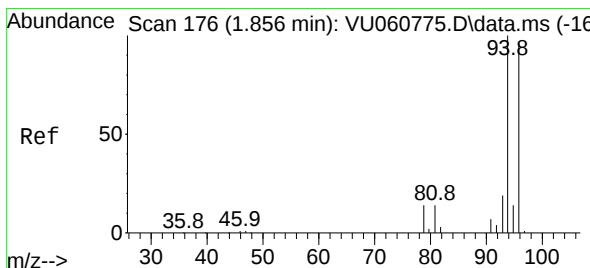
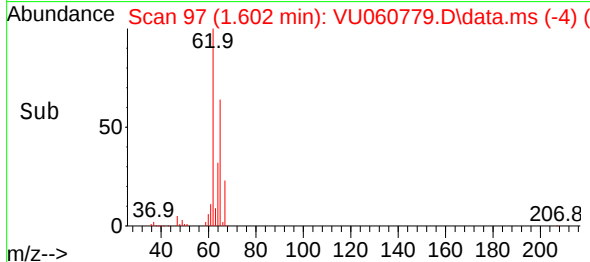
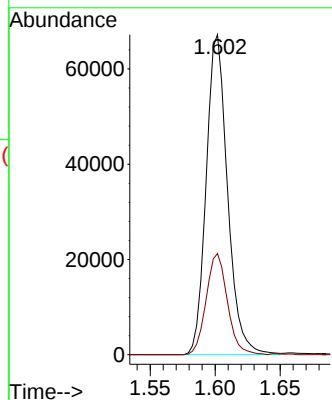


#5
 Vinyl chloride
 Concen: 5.031 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU060779.D
 Acq: 16 Sep 2024 13:38

Instrument :
 MSVOA_U
 ClientSampleId :

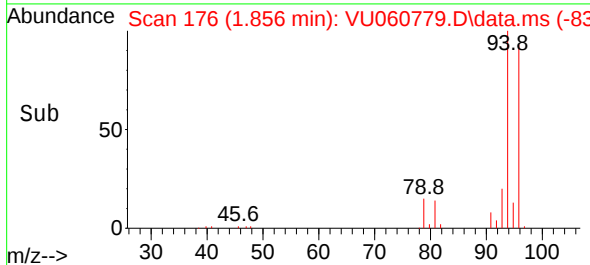
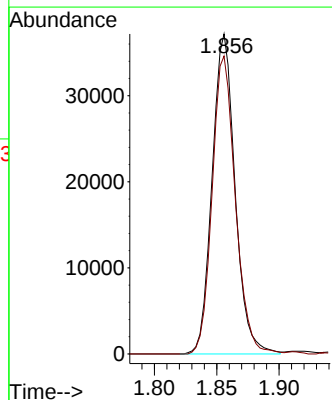
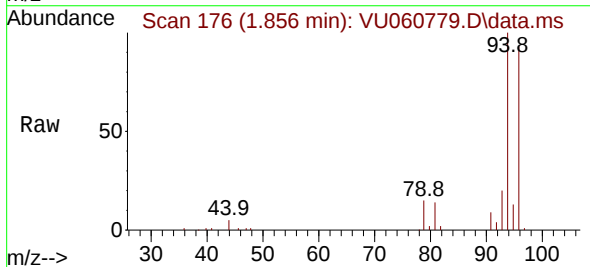


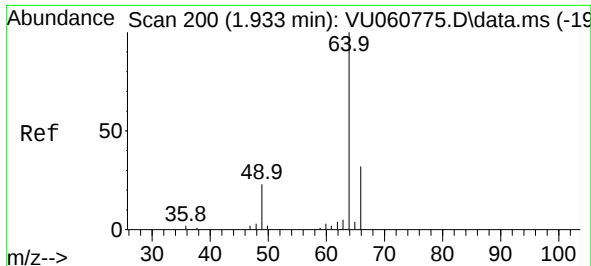
Tgt Ion: 62 Resp: 76862
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.0 44.6



#6
 Bromomethane
 Concen: 4.885 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU060779.D
 Acq: 16 Sep 2024 13:38

Tgt Ion: 94 Resp: 47700
 Ion Ratio Lower Upper
 94 100
 96 93.1 67.3 124.9

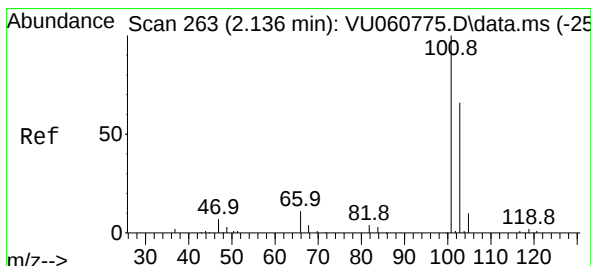
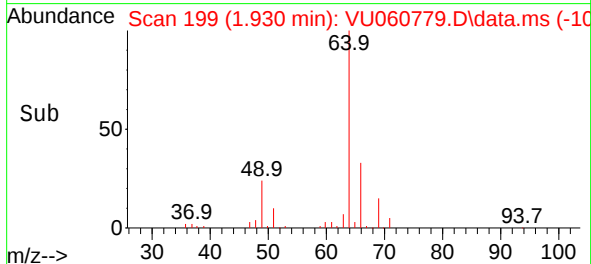
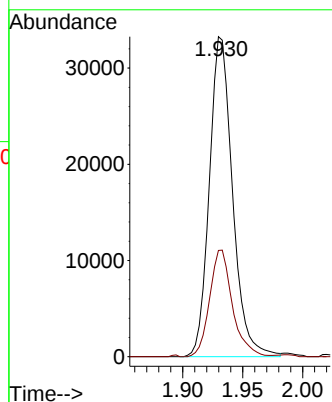
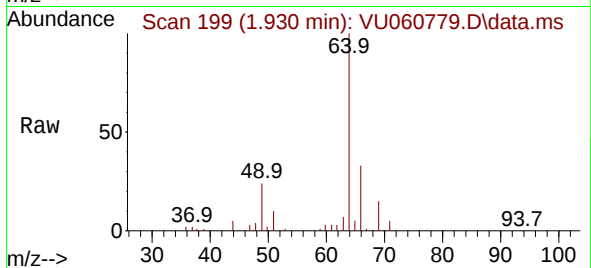




#8
Chloroethane
Concen: 4.798 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

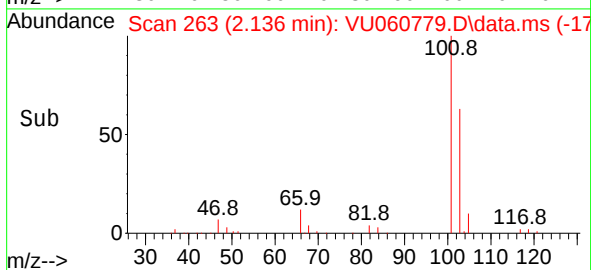
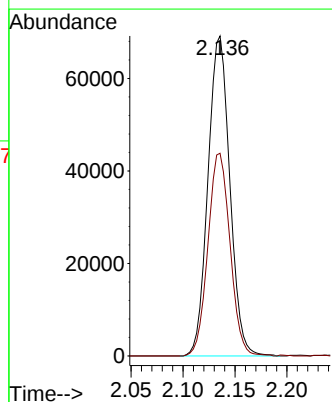
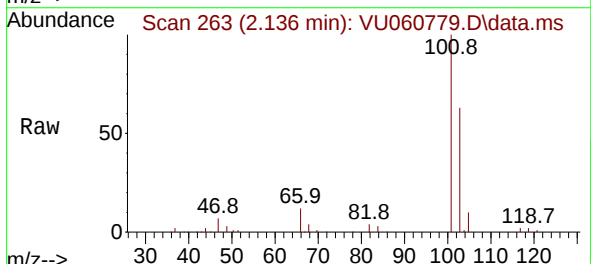
Instrument :
MSVOA_U
ClientSampleId :

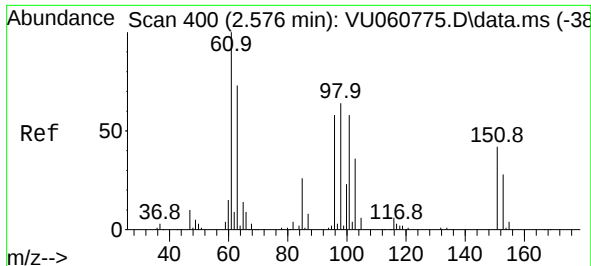
Tgt Ion: 64 Resp: 44785
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.812 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion:101 Resp: 100983
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.992 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

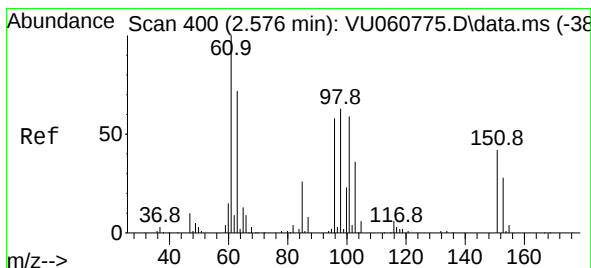
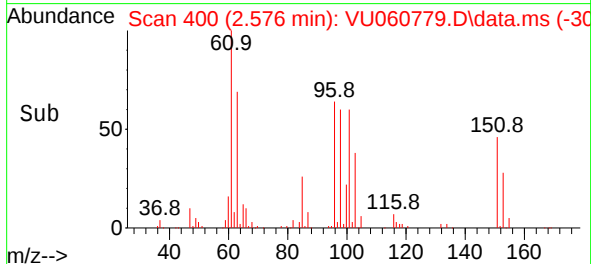
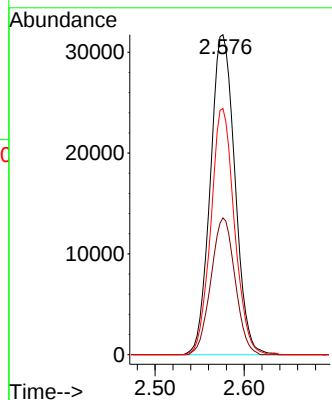
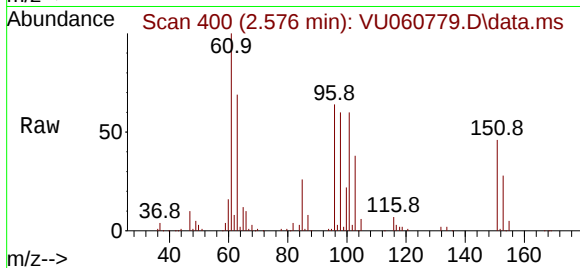
Tgt Ion:101 Resp: 60872

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

151 73.9 58.6 88.0



#12

1,1-Dichloroethene

Concen: 4.997 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

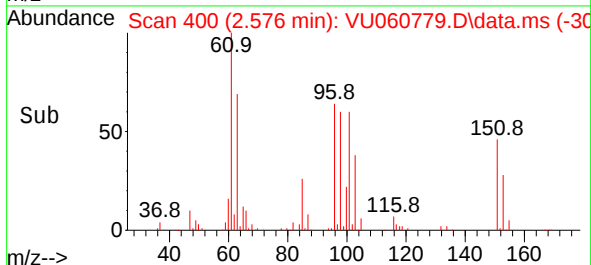
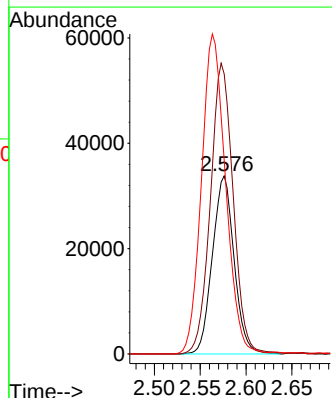
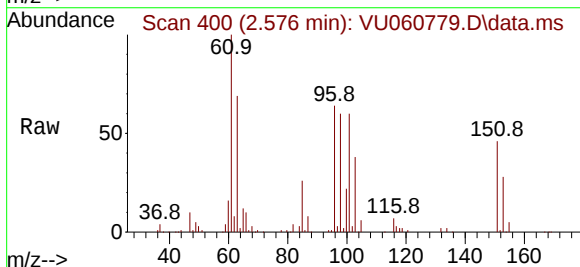
Tgt Ion: 96 Resp: 55648

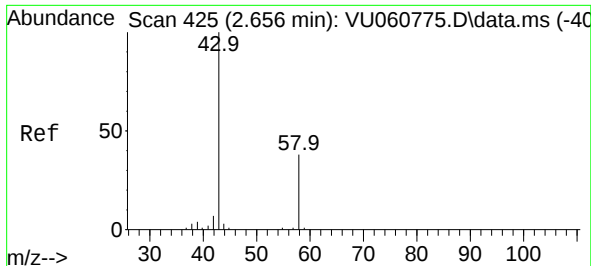
Ion Ratio Lower Upper

96 100

61 157.2 120.7 224.1

63 108.8 90.0 167.2





#13

Acetone

Concen: 51.879 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

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MSVOA_U

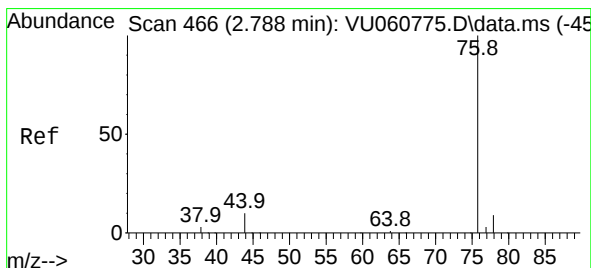
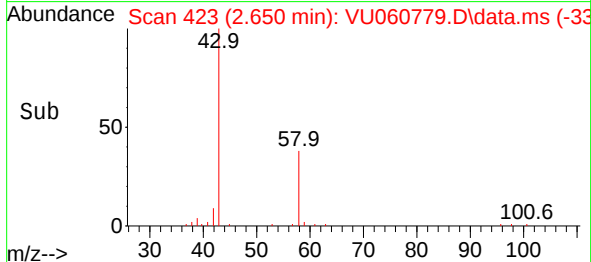
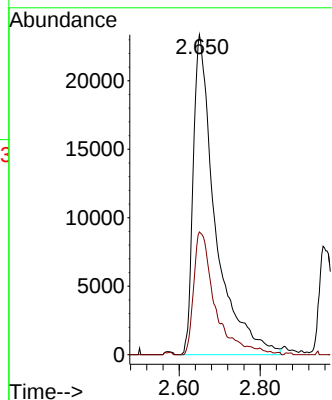
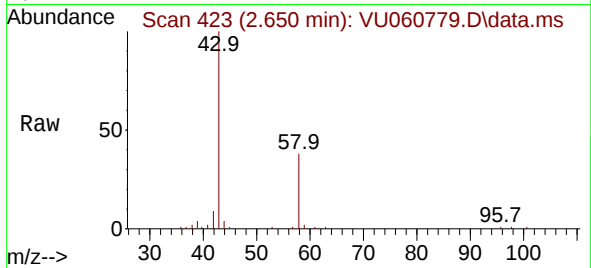
ClientSampleId :

Tgt Ion: 43 Resp: 88473

Ion Ratio Lower Upper

43 100

58 35.2 0.0 69.6



#14

Carbon disulfide

Concen: 4.933 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060779.D

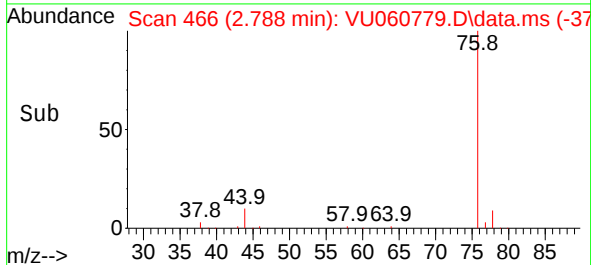
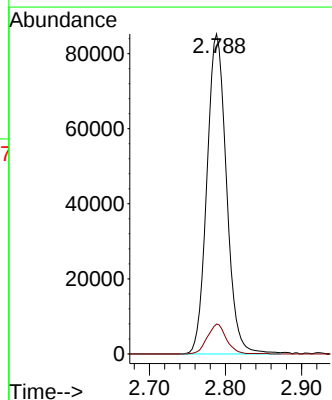
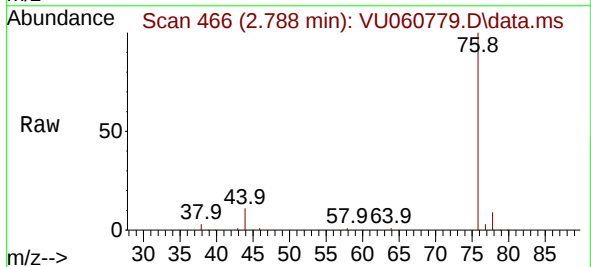
Acq: 16 Sep 2024 13:38

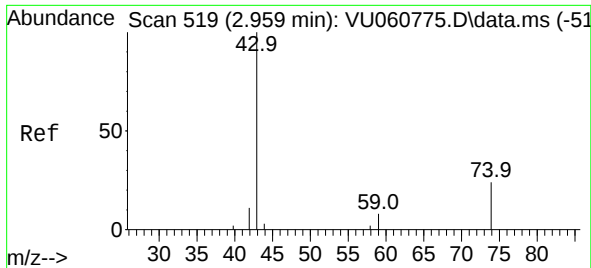
Tgt Ion: 76 Resp: 152398

Ion Ratio Lower Upper

76 100

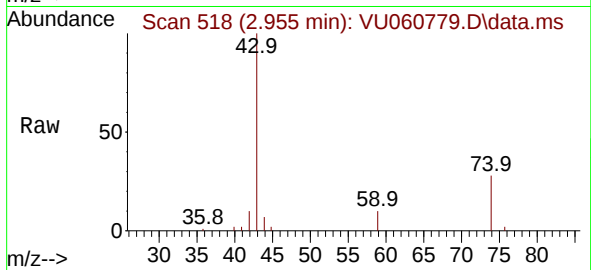
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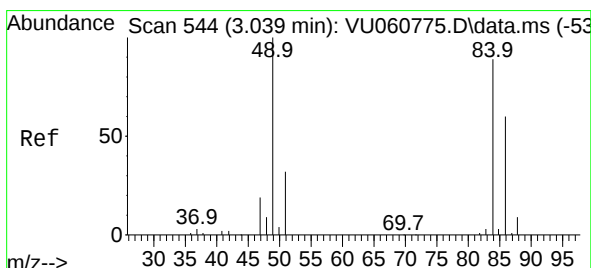
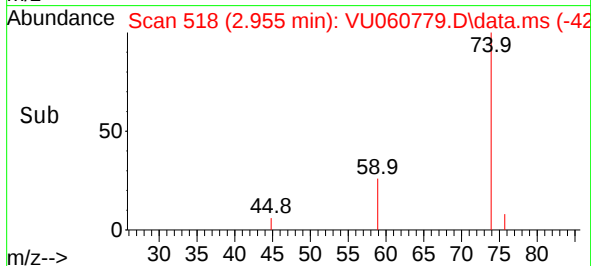
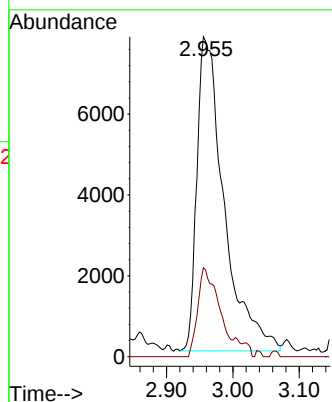


#15
Methyl Acetate
Concen: 5.309 ug/L
RT: 2.955 min Scan# 519
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Instrument :
MSVOA_U
ClientSampleId :

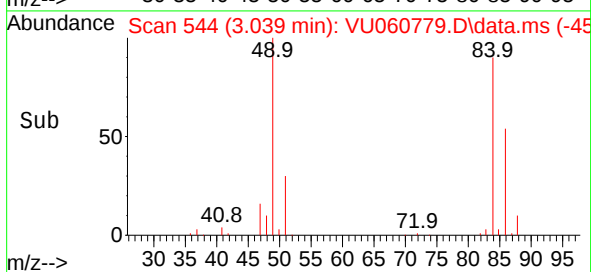
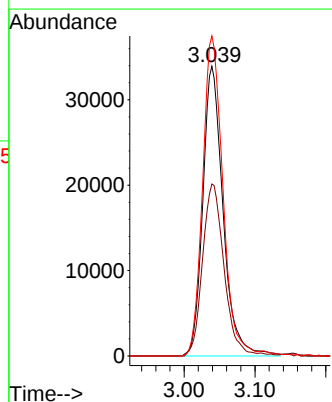
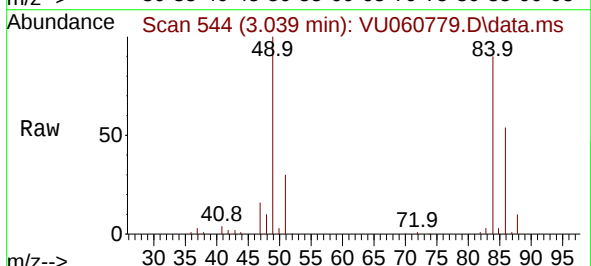


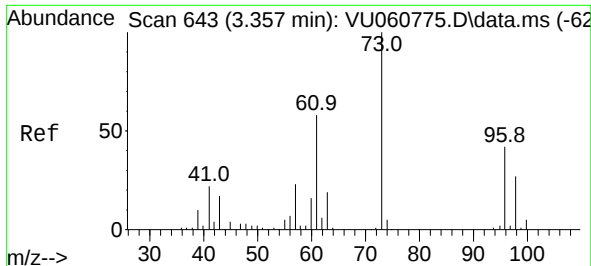
Tgt Ion: 43 Resp: 22075
Ion Ratio Lower Upper
43 100
74 21.9 18.9 28.3



#16
Methylene chloride
Concen: 5.221 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion: 84 Resp: 67328
Ion Ratio Lower Upper
84 100
86 59.4 47.3 87.8
49 110.5 78.7 146.1

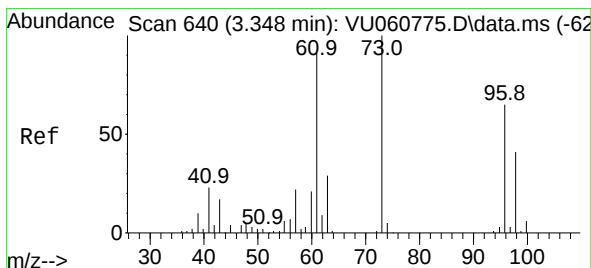
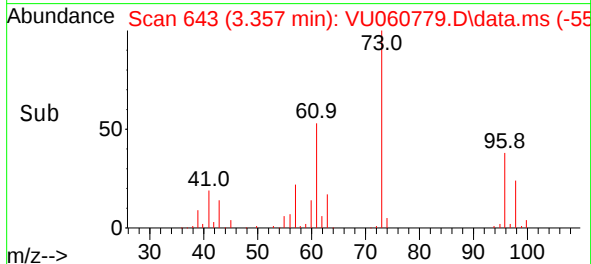
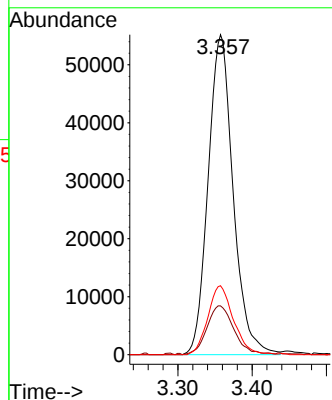
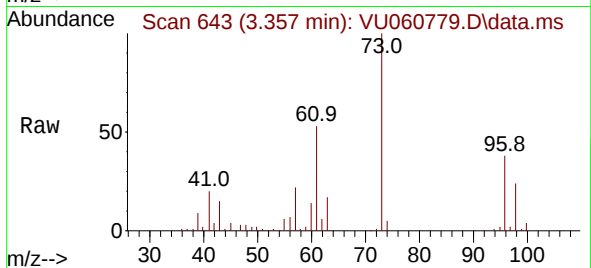




#17
Methyl tert-butyl Ether
Concen: 5.128 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

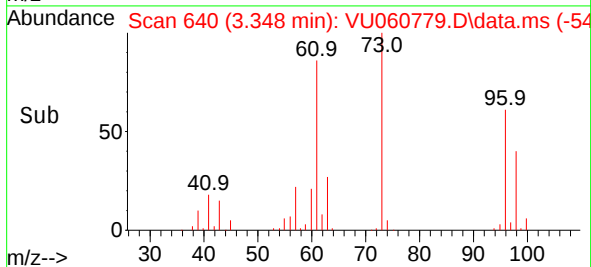
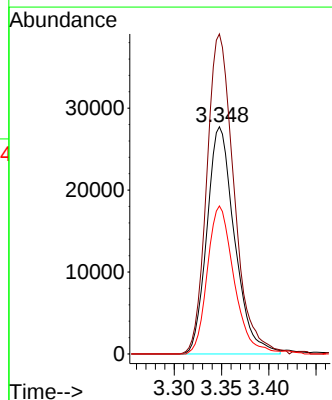
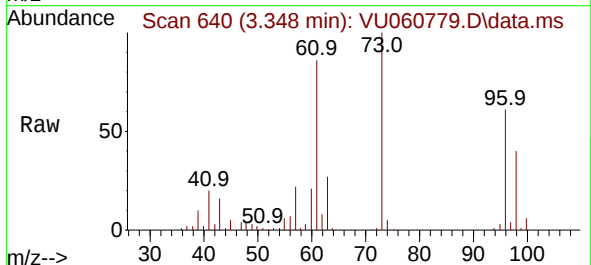
Instrument :
MSVOA_U
ClientSampleId :

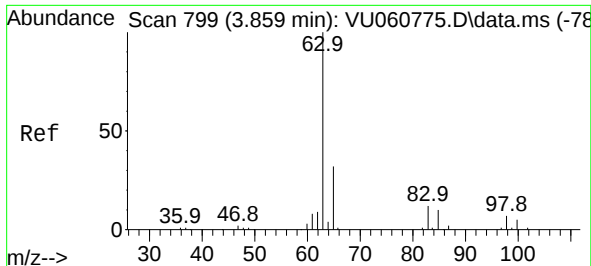
Tgt Ion: 73 Resp: 129069
Ion Ratio Lower Upper
73 100
43 16.4 13.8 20.8
57 22.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.888 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion: 96 Resp: 56395
Ion Ratio Lower Upper
96 100
61 140.8 97.2 180.6
98 65.1 43.3 80.5

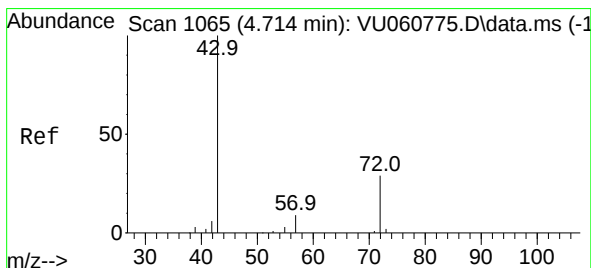
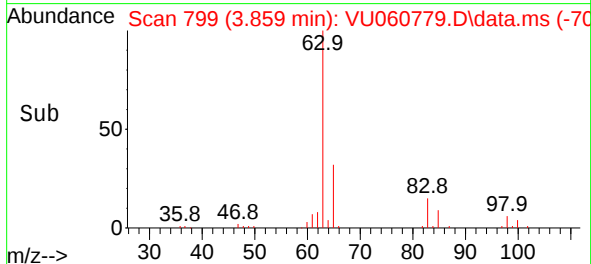
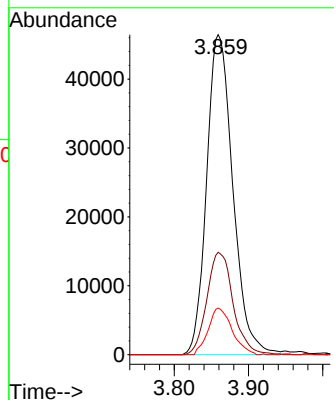
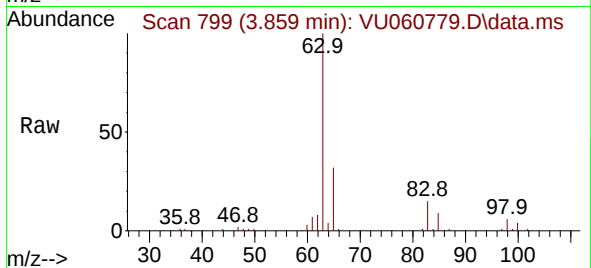




#19
1,1-Dichloroethane
Concen: 4.918 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

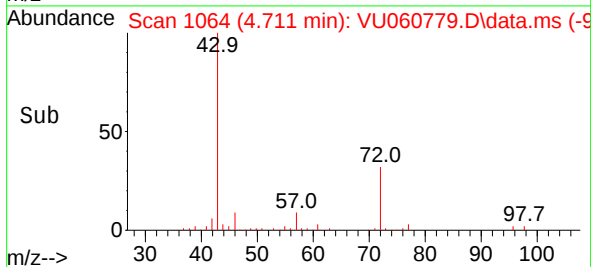
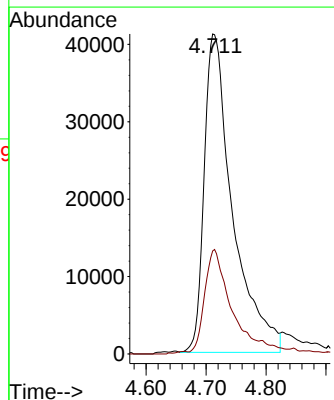
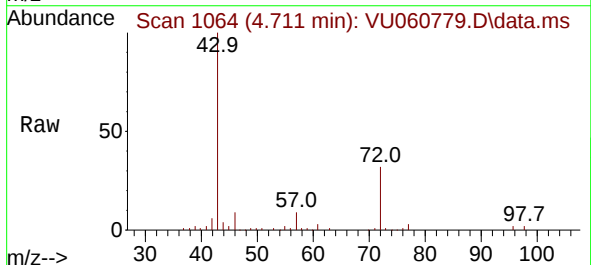
Instrument :
MSVOA_U
ClientSampleId :

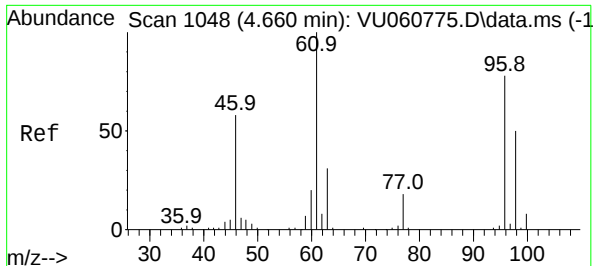
Tgt Ion:	63	Resp:	113942
Ion Ratio	Lower	Upper	
63	100		
65	32.0	23.0	42.8
83	14.6	9.0	16.6



#21
2-Butanone
Concen: 48.854 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion:	43	Resp:	135623
Ion Ratio	Lower	Upper	
43	100		
72	30.5	14.8	44.3

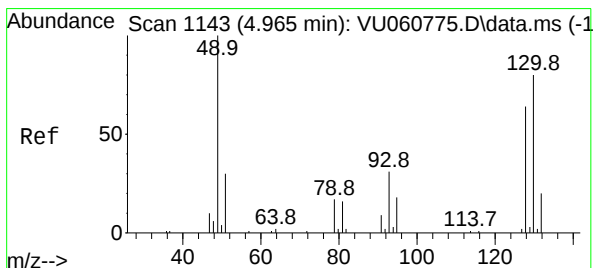
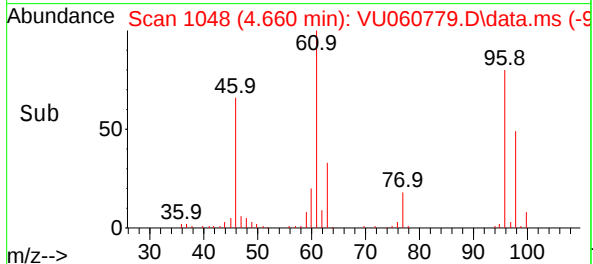
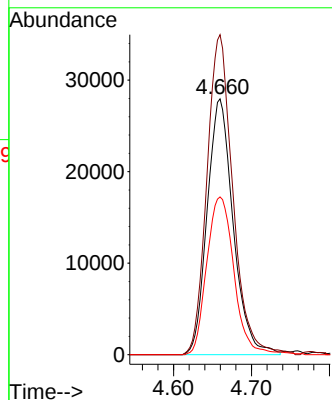
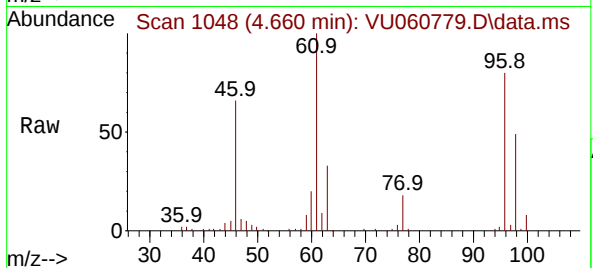




#22
cis-1,2-Dichloroethene
Concen: 5.087 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

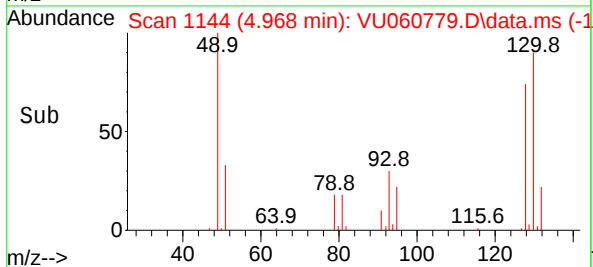
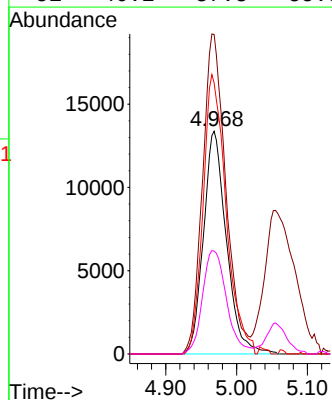
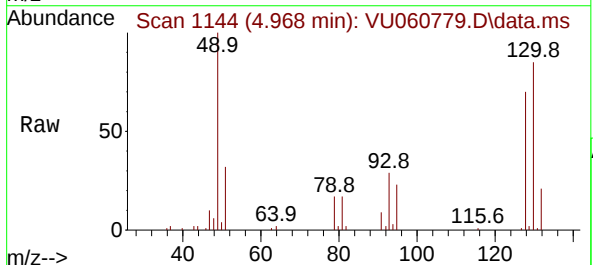
Instrument :
MSVOA_U
ClientSampleId :

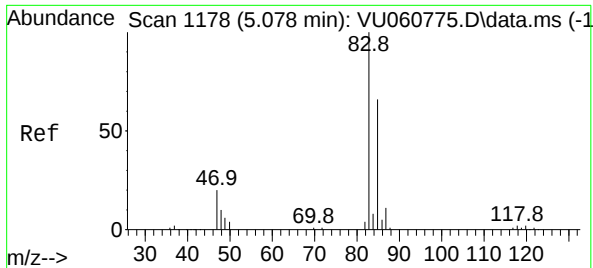
Tgt Ion: 96 Resp: 64969
Ion Ratio Lower Upper
96 100
61 125.1 89.7 166.5
98 61.6 45.1 83.9



#23
Bromochloromethane
Concen: 4.982 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion:128 Resp: 30049
Ion Ratio Lower Upper
128 100
49 143.5 109.6 203.6
130 121.7 87.8 163.0
51 46.2 37.3 55.9





#25

Chloroform

Concen: 4.918 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

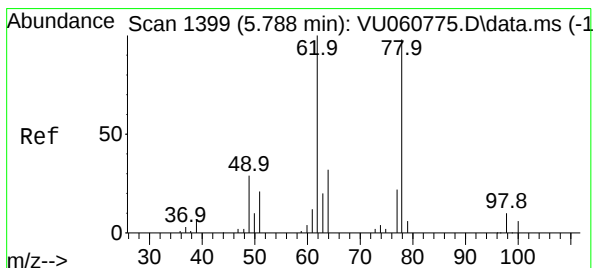
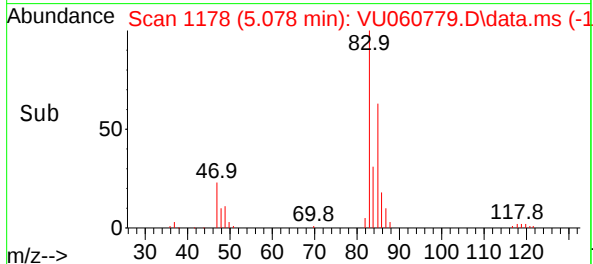
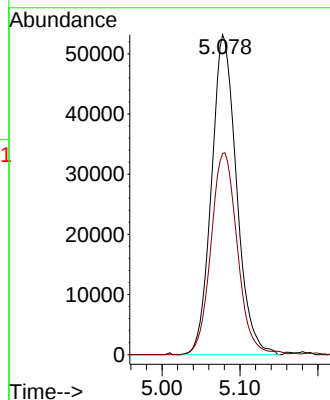
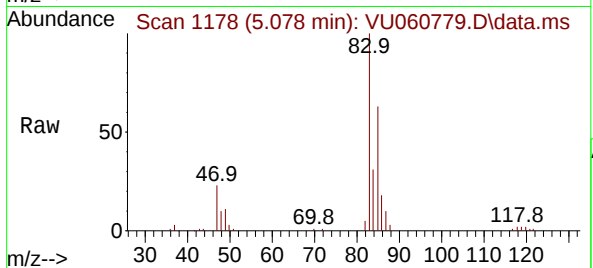
ClientSampleId :

Tgt Ion: 83 Resp: 118813

Ion Ratio Lower Upper

83 100

85 62.9 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.911 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060779.D

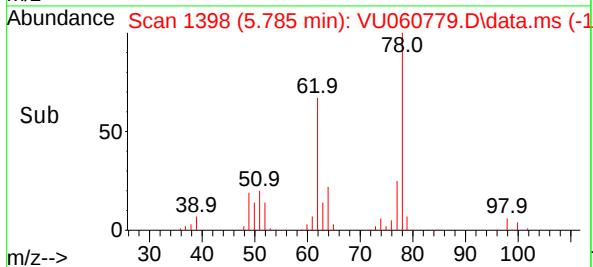
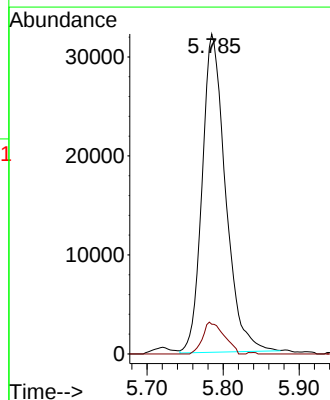
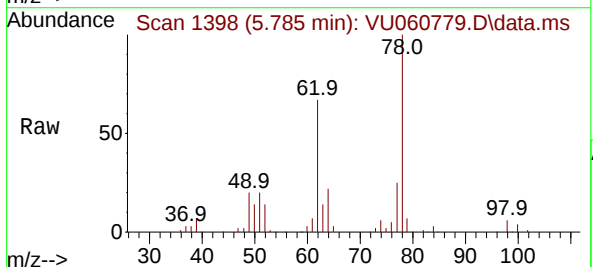
Acq: 16 Sep 2024 13:38

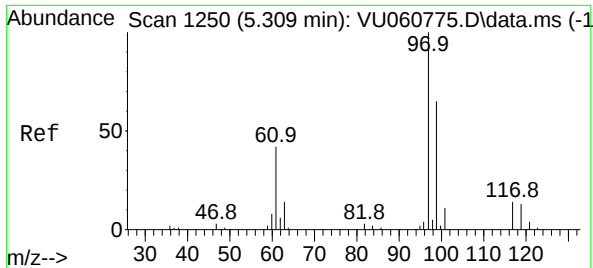
Tgt Ion: 62 Resp: 68751

Ion Ratio Lower Upper

62 100

98 9.3 8.2 12.4

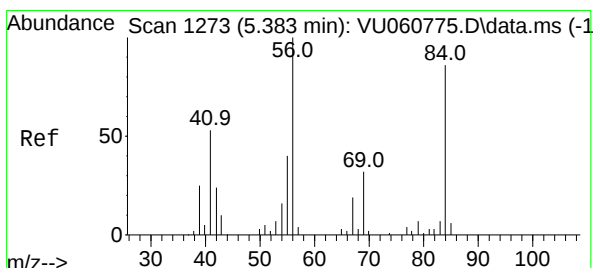
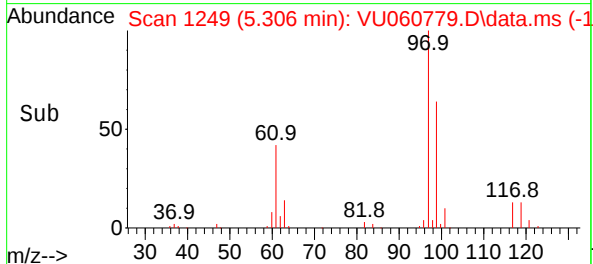
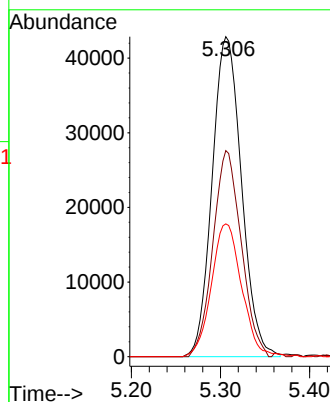
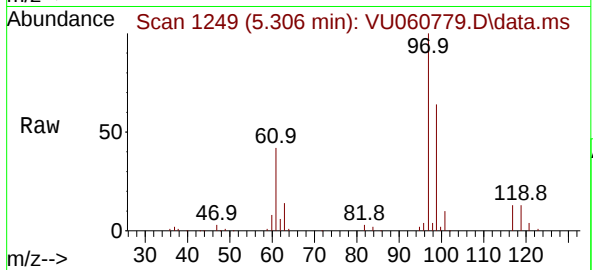




#29
1,1,1-Trichloroethane
Concen: 5.093 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

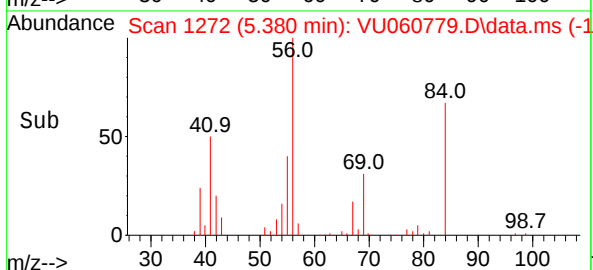
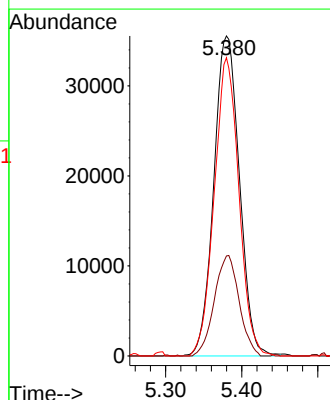
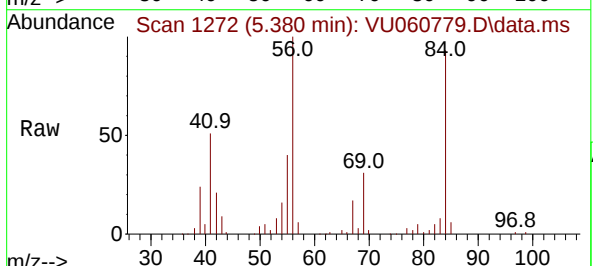
Instrument :
MSVOA_U
ClientSampleId :

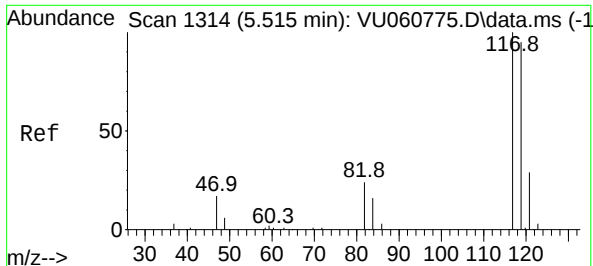
Tgt Ion: 97 Resp: 98116
Ion Ratio Lower Upper
97 100
99 62.1 50.5 75.7
61 42.9 34.4 51.6



#30
Cyclohexane
Concen: 5.249 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion: 56 Resp: 83112
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.0
84 89.9 71.0 106.6

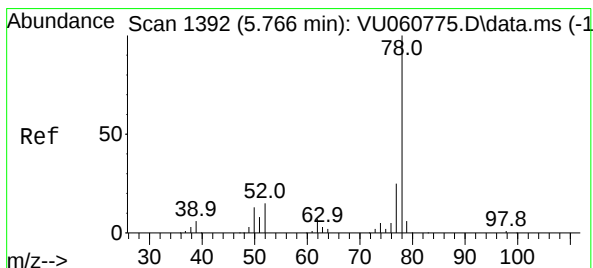
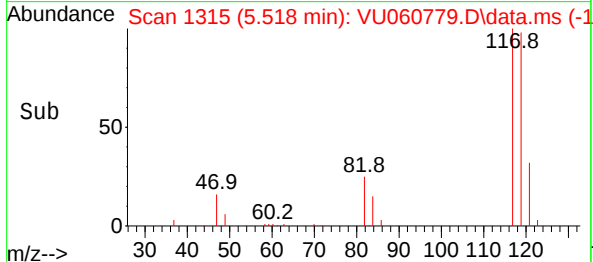
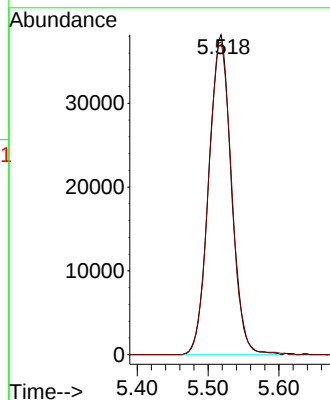
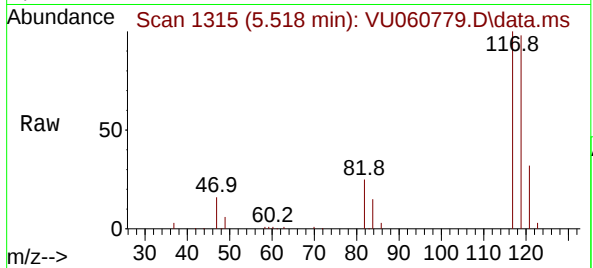




#31
Carbon tetrachloride
Concen: 4.953 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

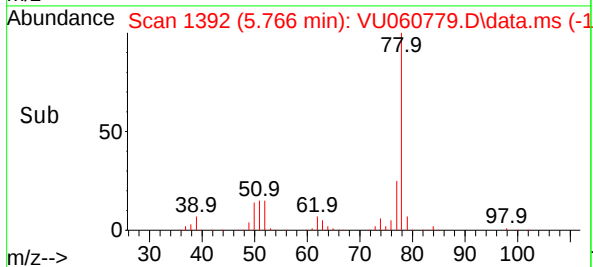
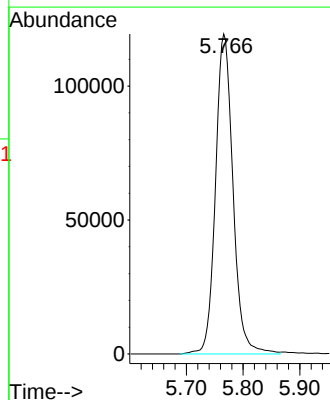
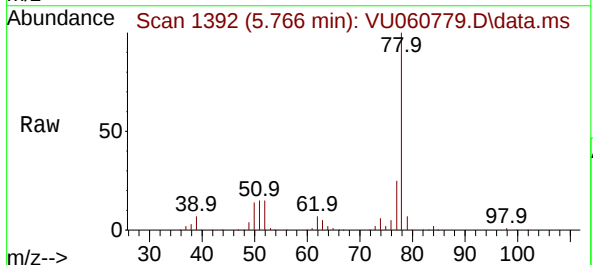
Instrument :
MSVOA_U
ClientSampleId :

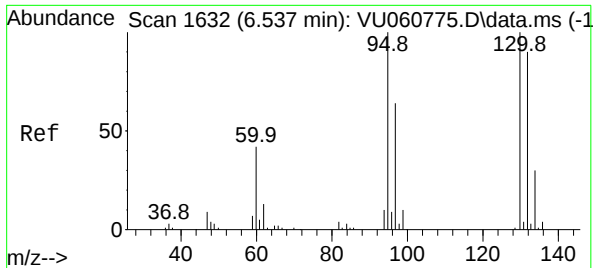
Tgt Ion:117 Resp: 84475
Ion Ratio Lower Upper
117 100
119 99.4 76.3 114.5



#33
Benzene
Concen: 5.223 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion: 78 Resp: 256277

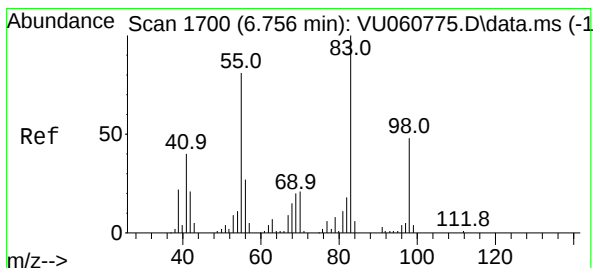
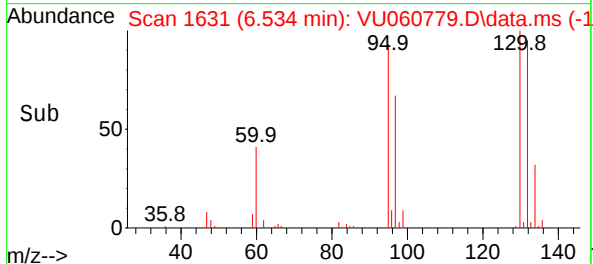
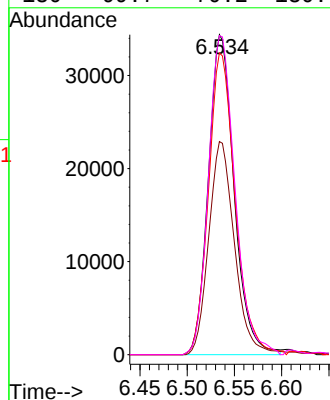
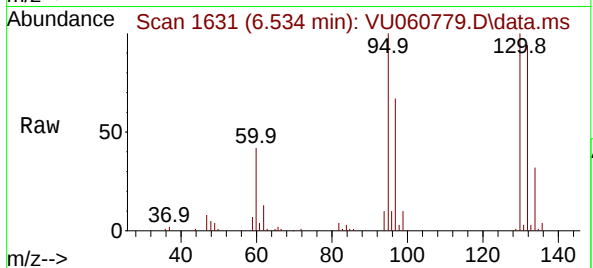




#34
Trichloroethene
Concen: 5.067 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

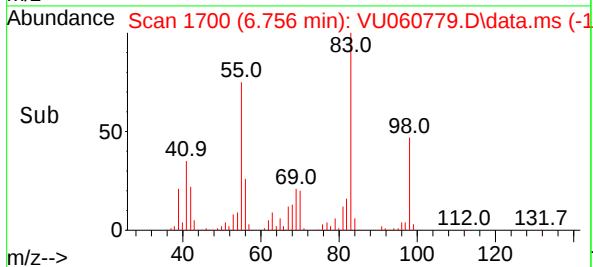
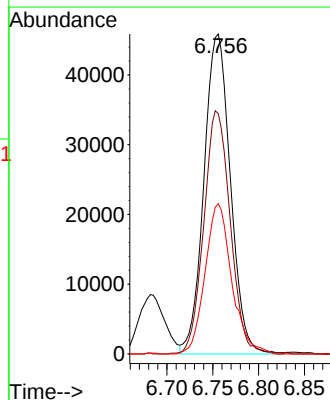
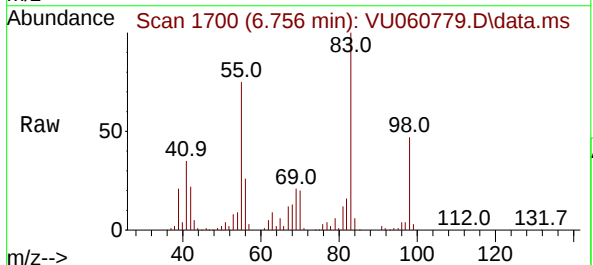
Instrument :
MSVOA_U
ClientSampleId :

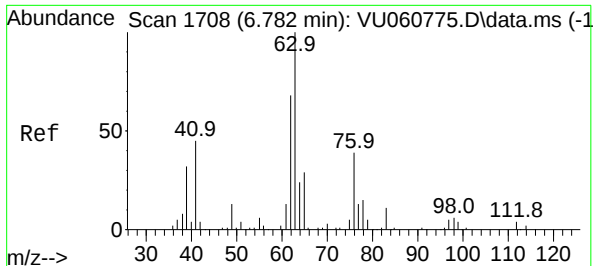
Tgt Ion: 95 Resp: 65176
Ion Ratio Lower Upper
95 100
97 66.6 44.9 83.5
132 94.3 63.5 117.9
130 99.7 70.2 130.4



#35
Methylcyclohexane
Concen: 5.221 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion: 83 Resp: 92137
Ion Ratio Lower Upper
83 100
55 76.1 62.6 94.0
98 47.3 37.6 56.4

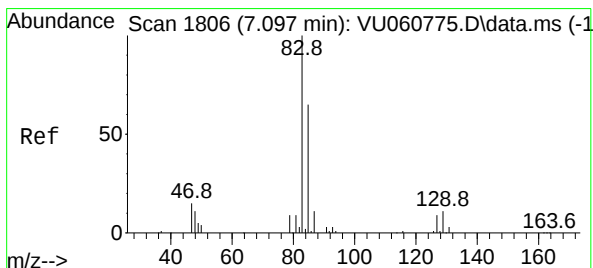
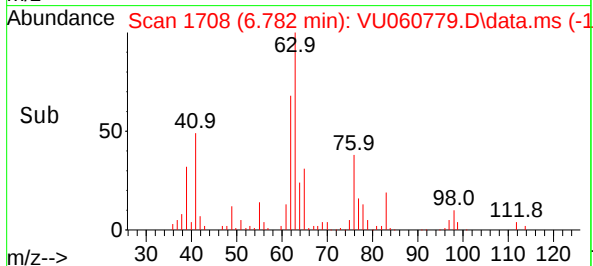
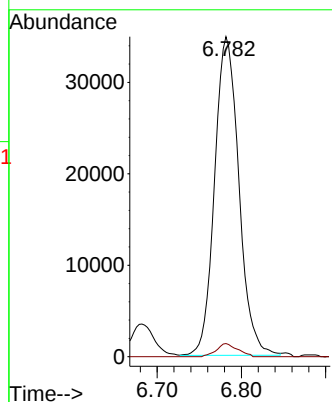
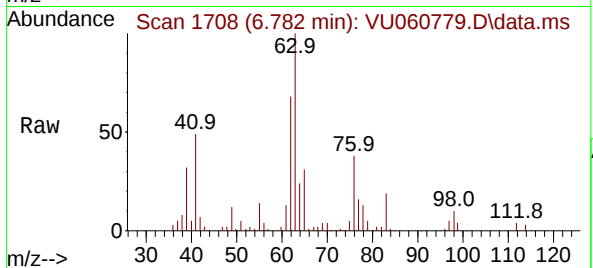




#37
1,2-Dichloropropane
Concen: 5.155 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

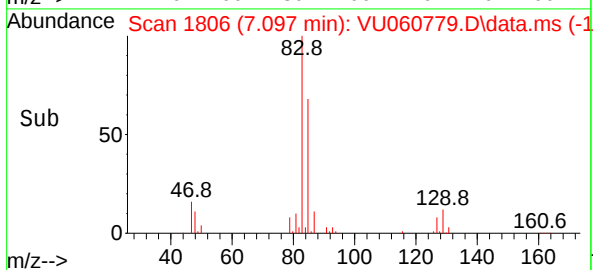
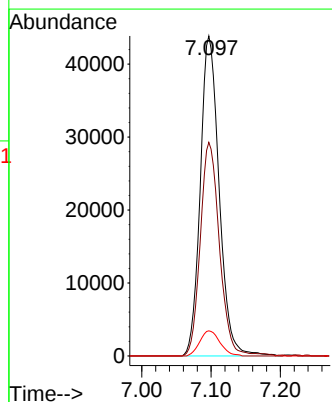
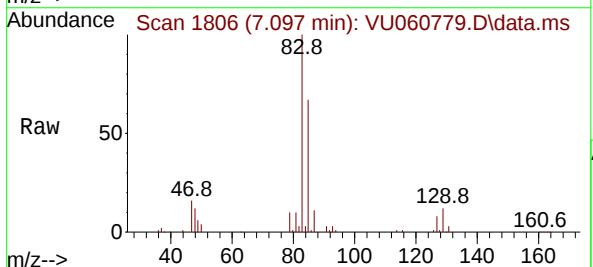
Instrument :
MSVOA_U
ClientSampleId :

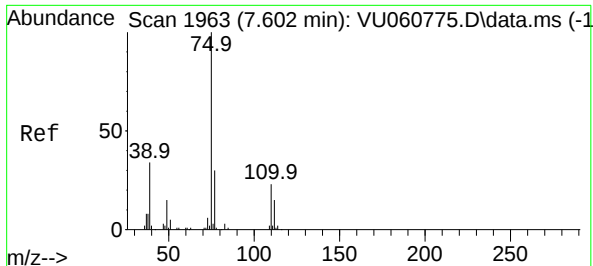
Tgt Ion: 63 Resp: 69699
Ion Ratio Lower Upper
63 100
112 3.6 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.002 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion: 83 Resp: 82951
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.8
127 7.9 7.0 10.6

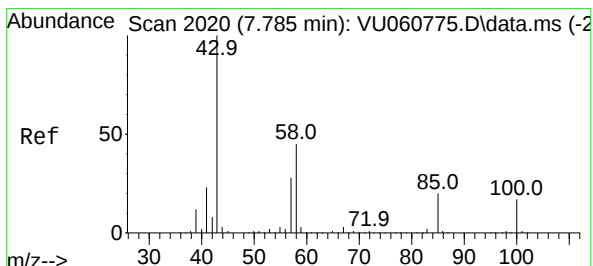
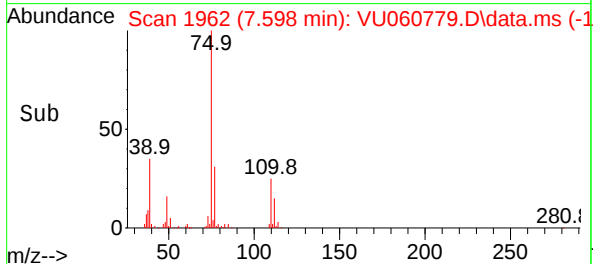
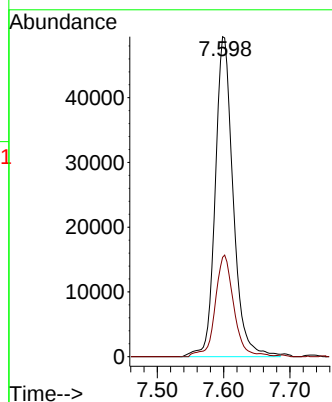
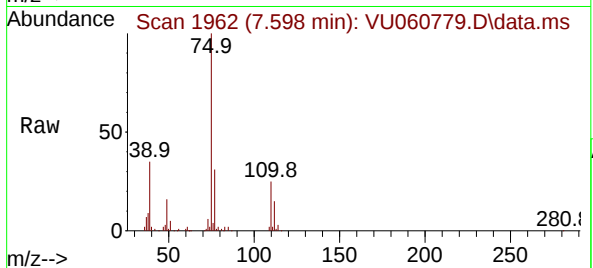




#39
cis-1,3-Dichloropropene
Concen: 5.161 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

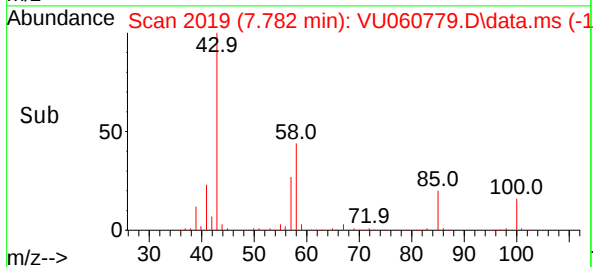
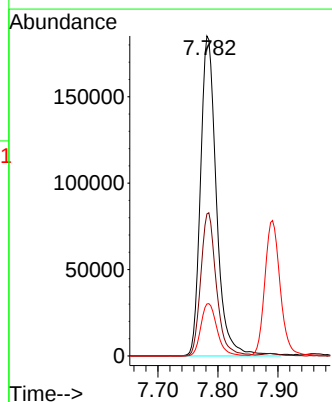
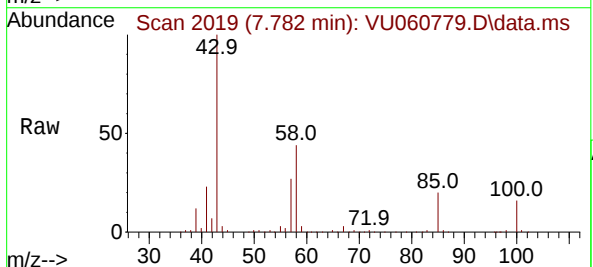
Instrument :
MSVOA_U
ClientSampleId :

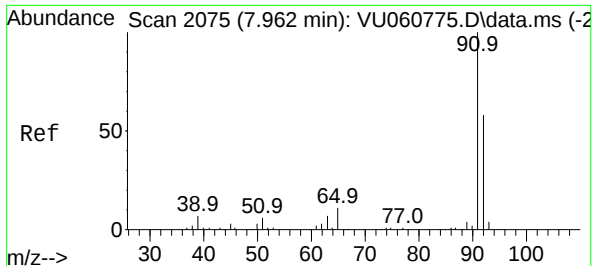
Tgt Ion: 75 Resp: 92812
Ion Ratio Lower Upper
75 100
77 31.1 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 54.433 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion: 43 Resp: 343679
Ion Ratio Lower Upper
43 100
58 43.8 34.9 52.3
100 16.6 13.4 20.0





#42

Toluene

Concen: 5.437 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

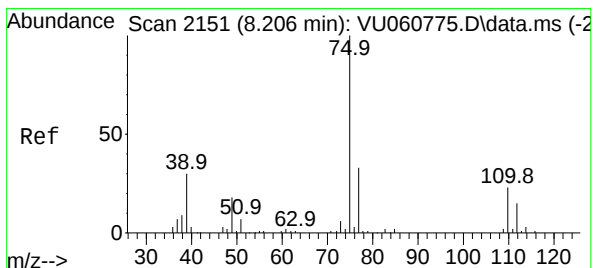
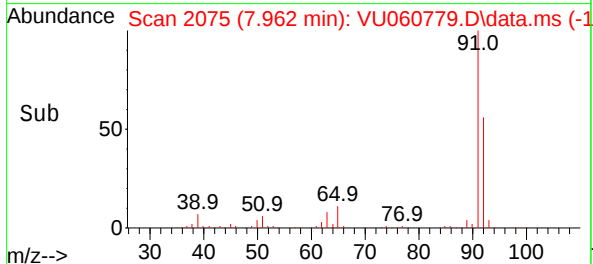
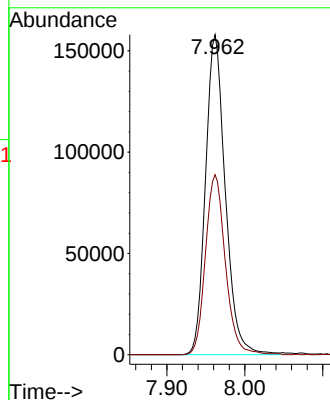
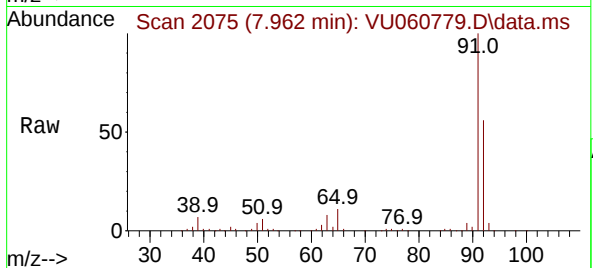
ClientSampleId :

Tgt Ion: 91 Resp: 278933

Ion Ratio Lower Upper

91 100

92 56.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.416 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060779.D

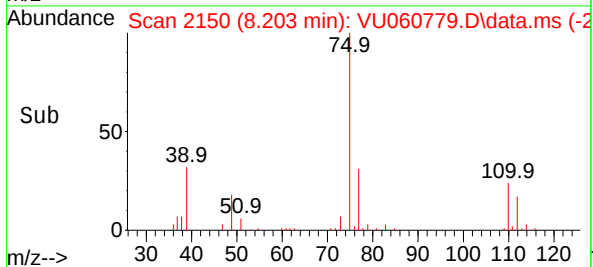
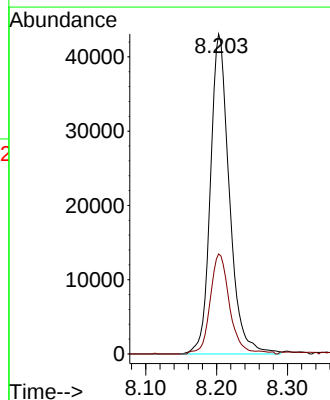
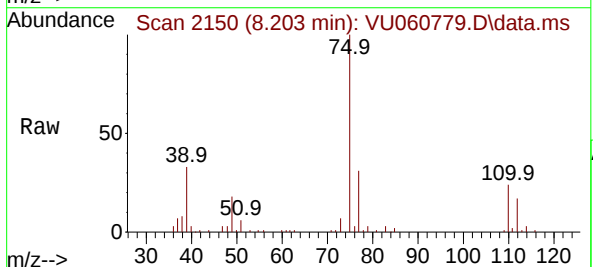
Acq: 16 Sep 2024 13:38

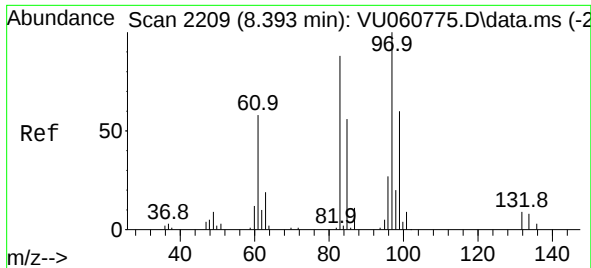
Tgt Ion: 75 Resp: 80096

Ion Ratio Lower Upper

75 100

77 31.3 23.1 42.9

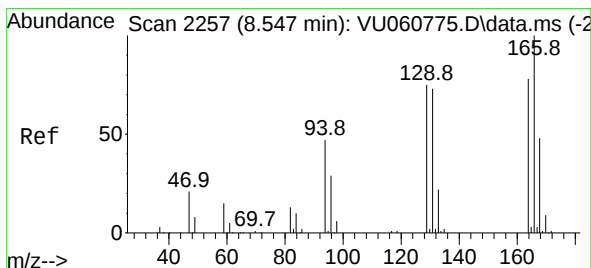
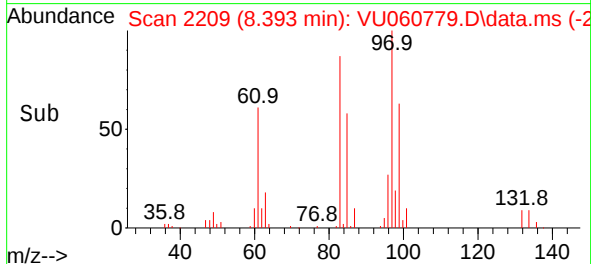
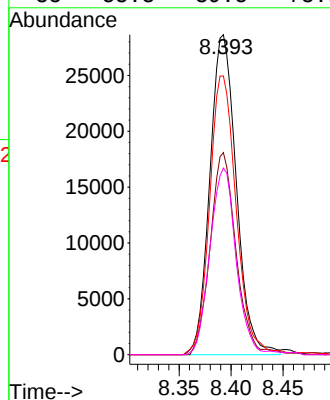
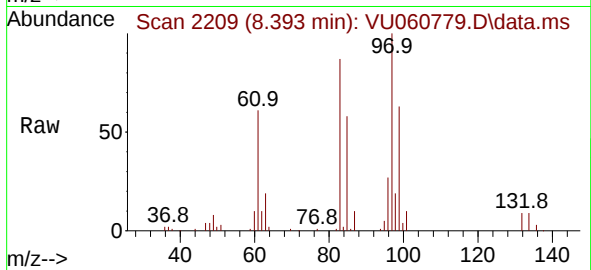




#45
1,1,2-Trichloroethane
Concen: 5.200 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

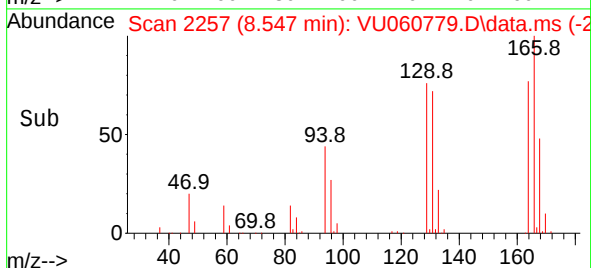
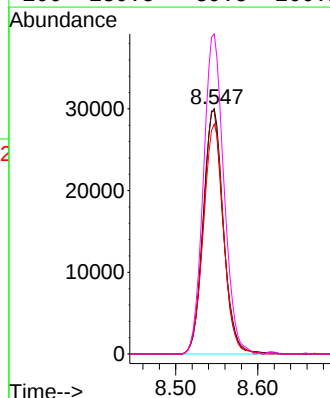
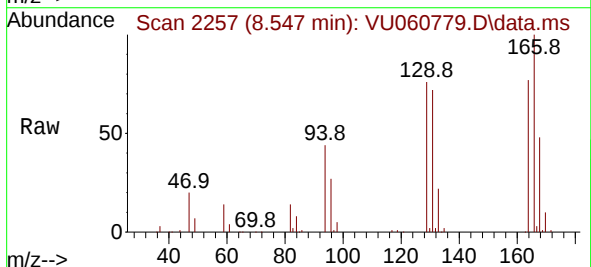
Instrument :
MSVOA_U
ClientSampleId :

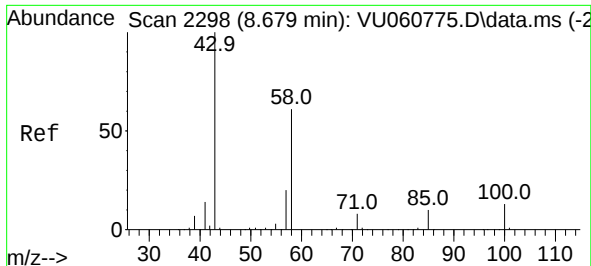
Tgt Ion:	97	Resp:	50756
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.3	78.5
83	87.1	61.7	114.5
85	58.3	39.5	73.3



#47
Tetrachloroethene
Concen: 5.021 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion:	164	Resp:	51323
Ion	Ratio	Lower	Upper
164	100		
129	99.0	67.3	124.9
131	93.8	65.4	121.4
166	130.5	89.5	166.1

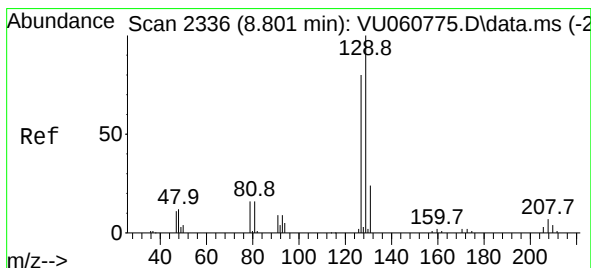
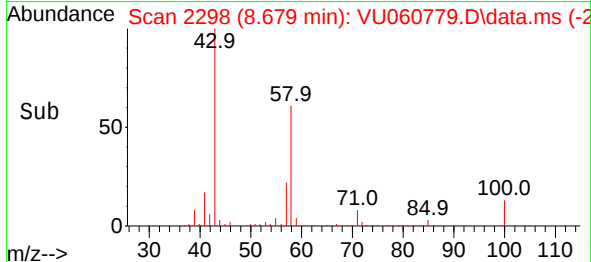
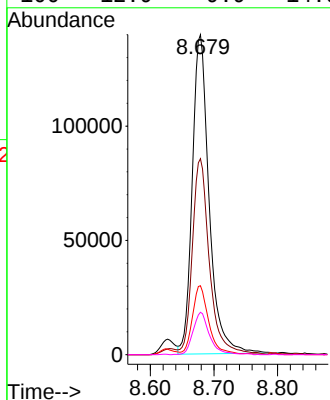
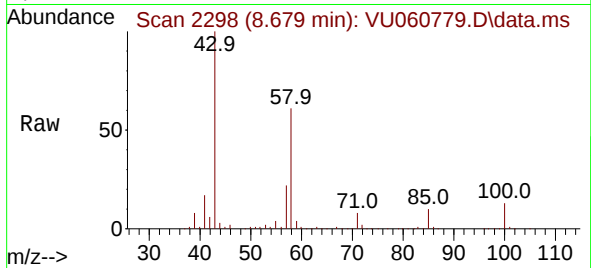




#48
2-Hexanone
Concen: 56.026 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

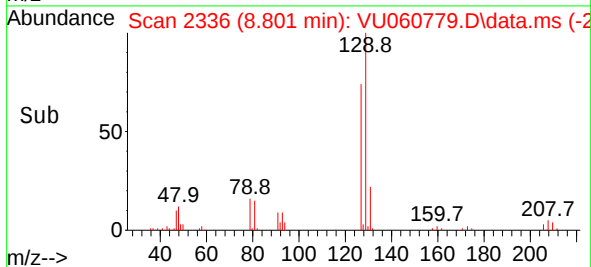
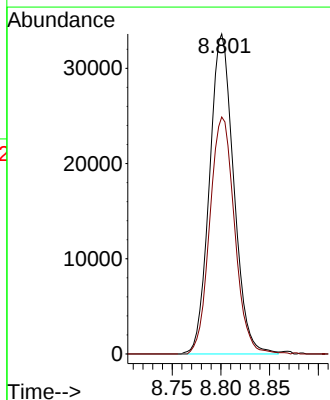
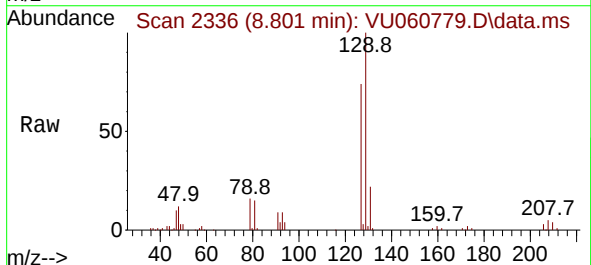
Instrument :
MSVOA_U
ClientSampleId :

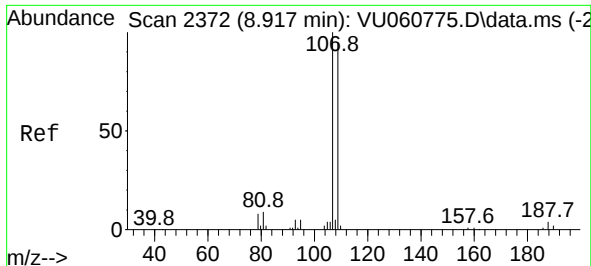
Tgt Ion: 43 Resp: 257838
Ion Ratio Lower Upper
43 100
58 61.2 48.3 72.5
57 20.2 15.9 23.9
100 12.9 9.9 14.9



#49
Dibromochloromethane
Concen: 5.240 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

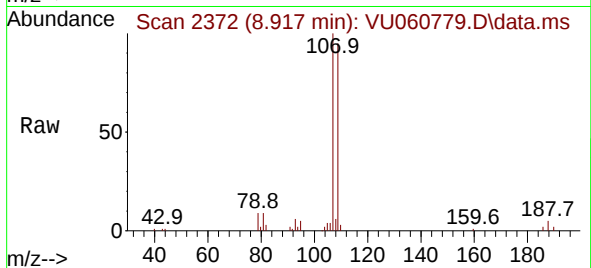
Tgt Ion:129 Resp: 58231
Ion Ratio Lower Upper
129 100
127 74.1 56.1 104.1



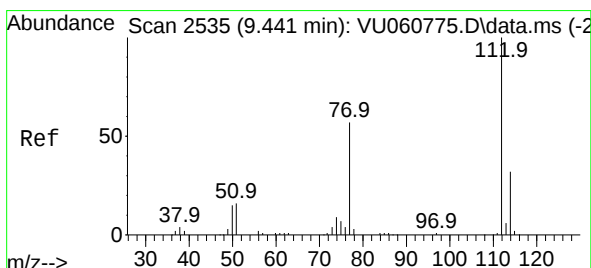
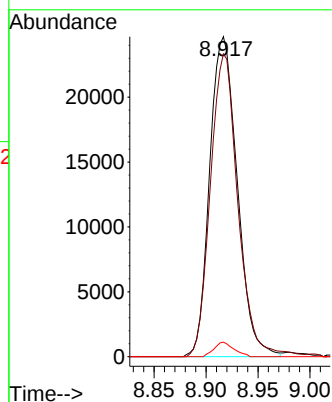
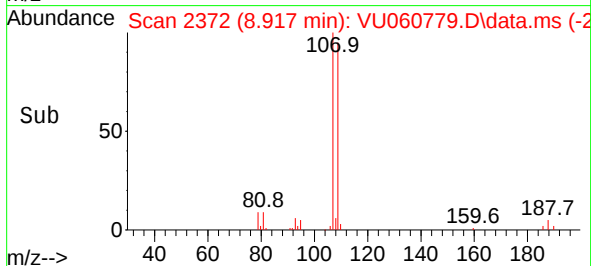


#50
1,2-Dibromoethane
Concen: 5.233 ug/L
RT: 8.917 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Instrument :
MSVOA_U
ClientSampleId :

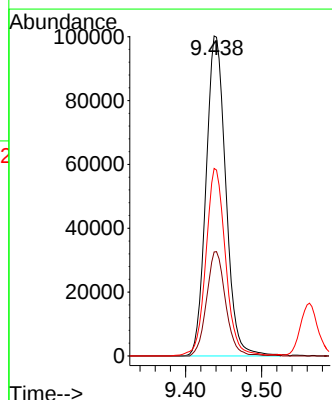
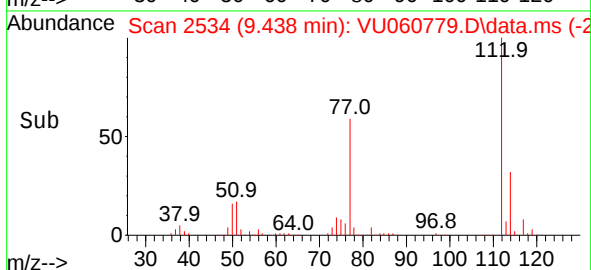
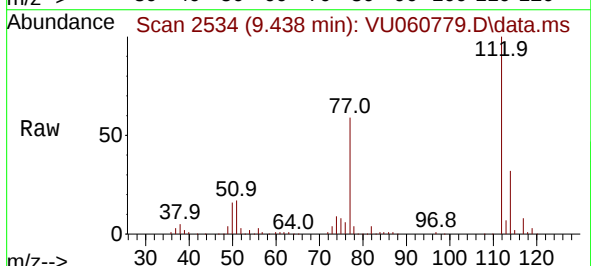


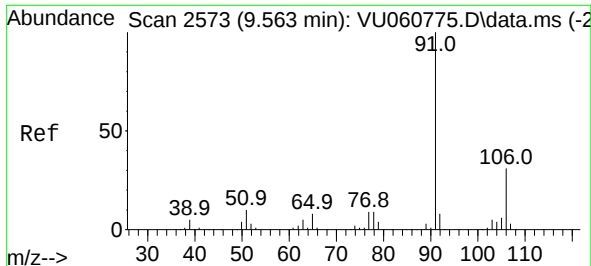
Tgt Ion:107 Resp: 45586
Ion Ratio Lower Upper
107 100
109 94.6 66.8 124.0
188 4.6 3.4 5.0



#51
Chlorobenzene
Concen: 5.244 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion:112 Resp: 180672
Ion Ratio Lower Upper
112 100
114 32.5 22.2 41.2
77 58.6 46.1 69.1





#52

Ethylbenzene

Concen: 5.324 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

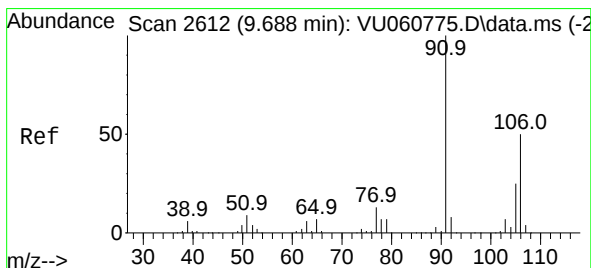
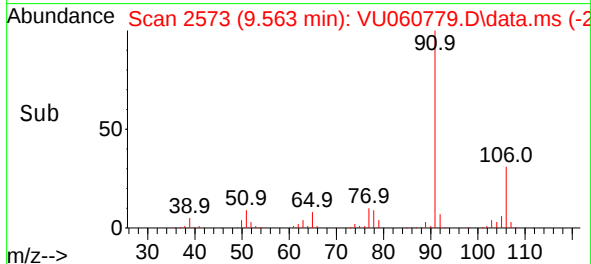
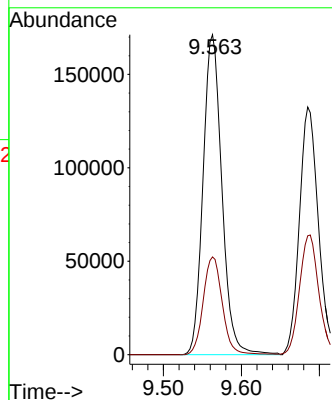
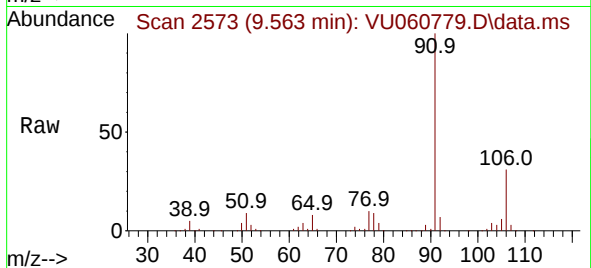
ClientSampleId :

Tgt Ion: 91 Resp: 287567

Ion Ratio Lower Upper

91 100

106 30.5 21.8 40.6



#53

m,p-Xylene

Concen: 5.450 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.000 min

Lab File: VU060779.D

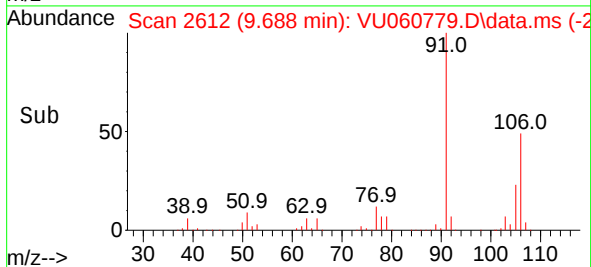
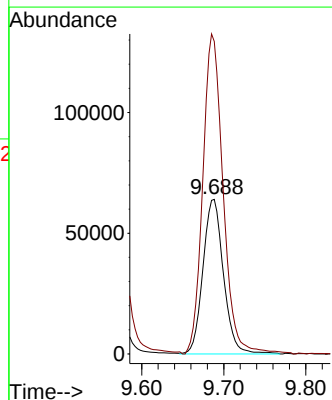
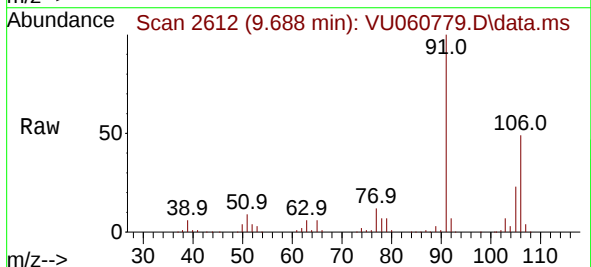
Acq: 16 Sep 2024 13:38

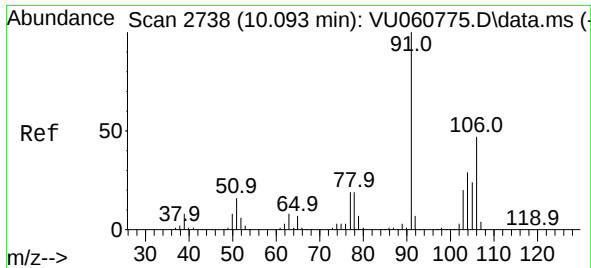
Tgt Ion:106 Resp: 111606

Ion Ratio Lower Upper

106 100

91 202.1 139.7 259.4

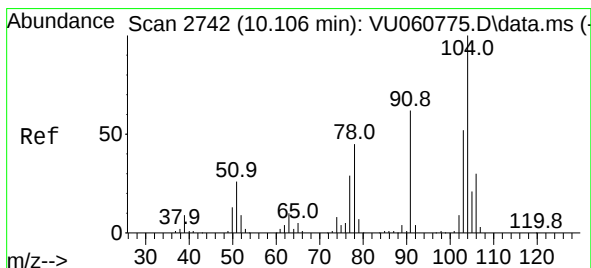
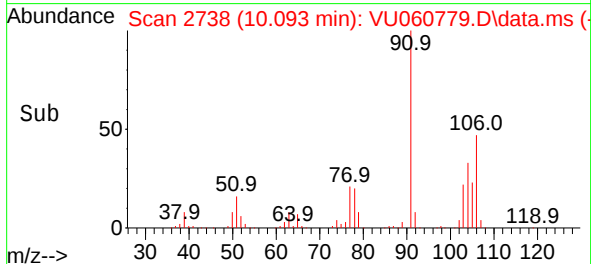
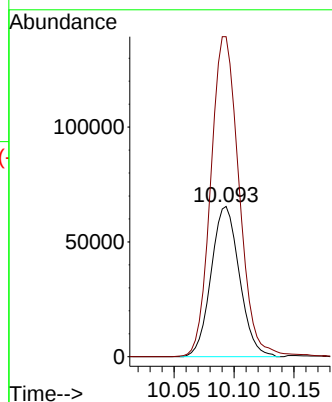
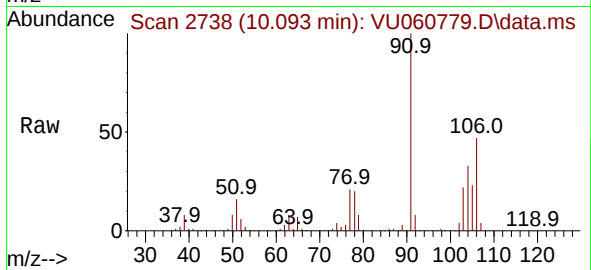




#54
o-Xylene
Concen: 5.316 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

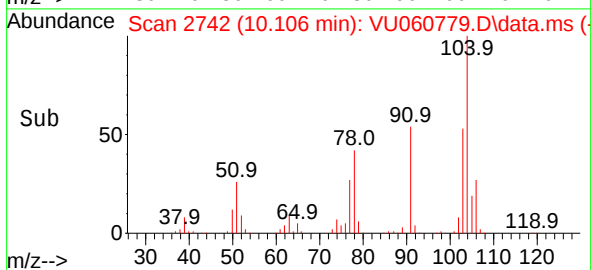
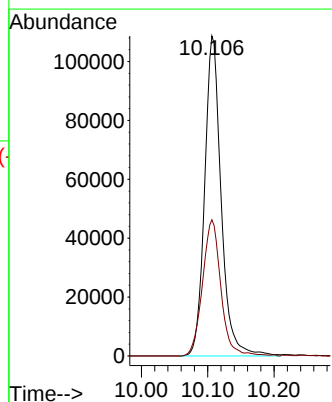
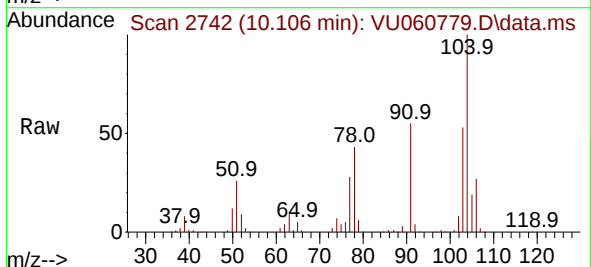
Instrument :
MSVOA_U
ClientSampleId :

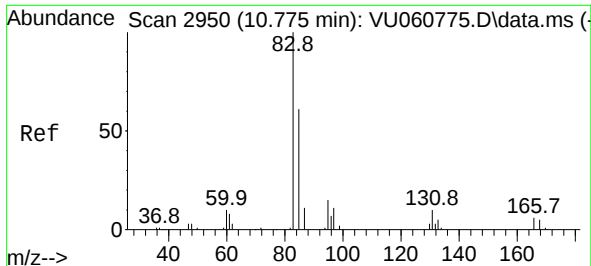
Tgt Ion:106 Resp: 107426
Ion Ratio Lower Upper
106 100
91 213.1 148.6 276.0



#55
Styrene
Concen: 5.526 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion:104 Resp: 188244
Ion Ratio Lower Upper
104 100
78 42.6 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.006 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

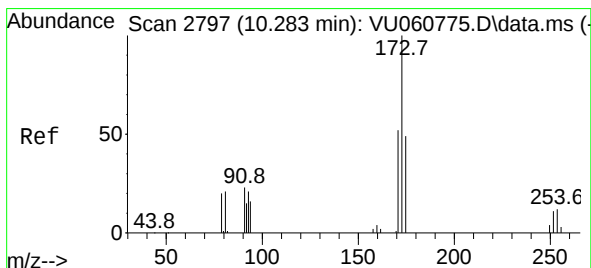
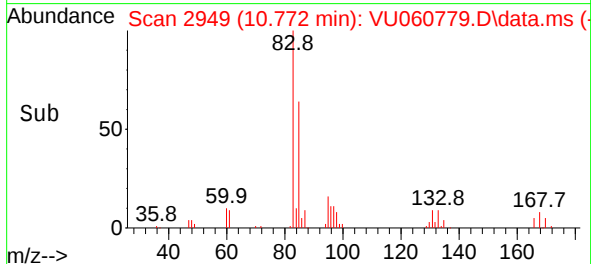
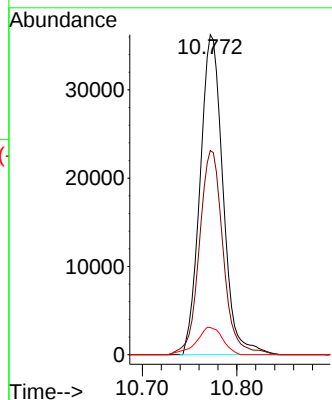
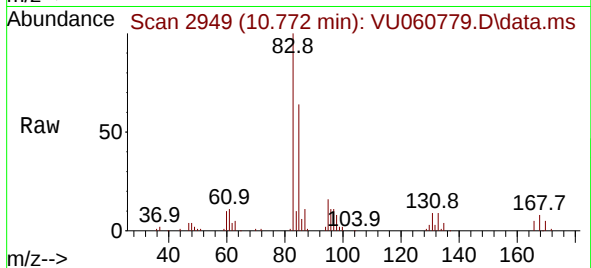
Tgt Ion: 83 Resp: 60944

Ion Ratio Lower Upper

83 100

85 63.8 42.9 79.7

131 8.5 8.4 12.6



#59

Bromoform

Concen: 5.237 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

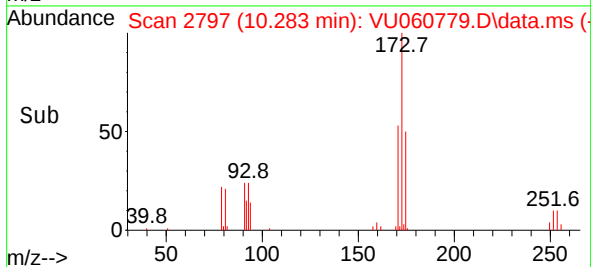
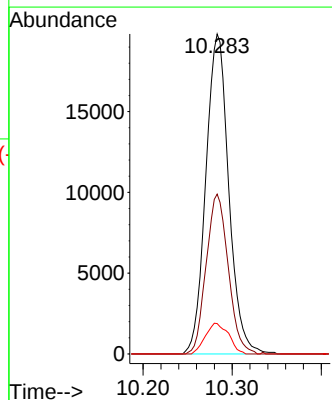
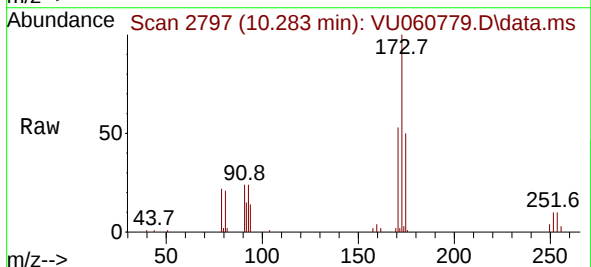
Tgt Ion:173 Resp: 35345

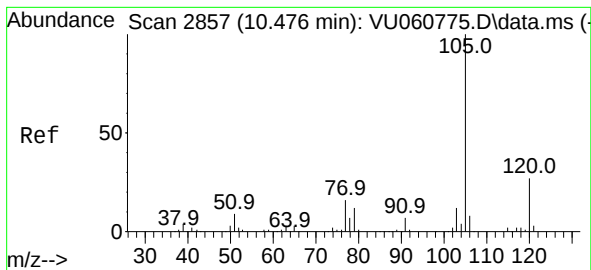
Ion Ratio Lower Upper

173 100

175 48.0 39.1 58.7

254 9.8 8.7 13.1





#60

Isopropylbenzene

Concen: 5.408 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

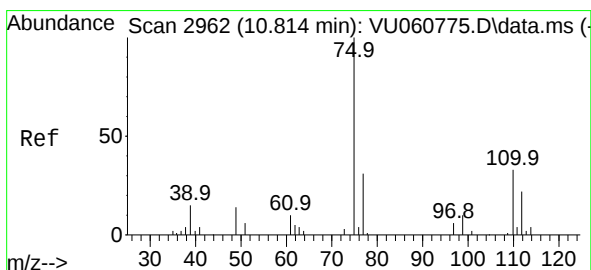
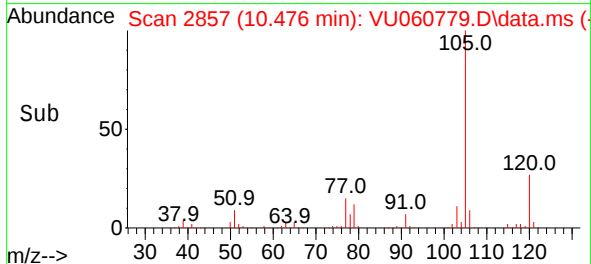
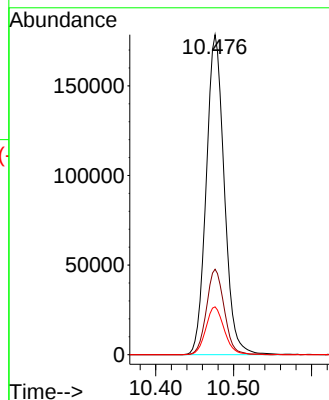
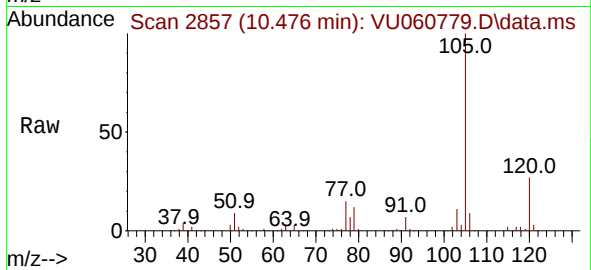
Tgt Ion:105 Resp: 286983

Ion Ratio Lower Upper

105 100

120 26.3 21.5 32.3

77 15.4 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.166 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

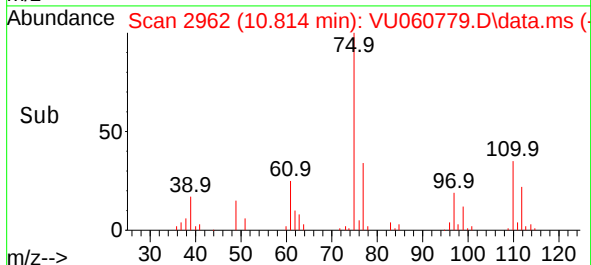
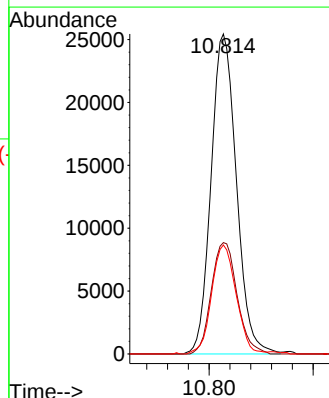
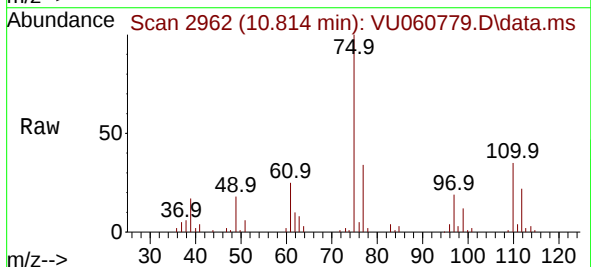
Tgt Ion: 75 Resp: 43147

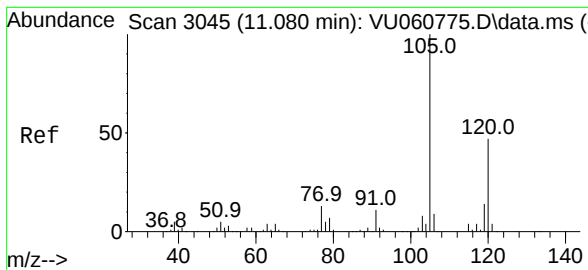
Ion Ratio Lower Upper

75 100

110 35.3 28.6 43.0

77 32.9 26.3 39.5

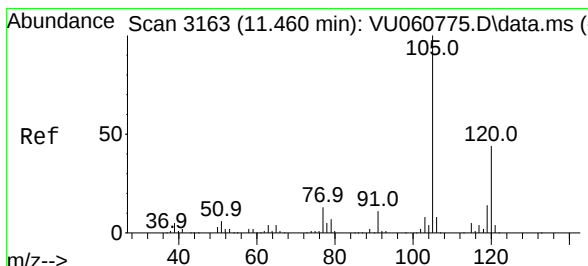
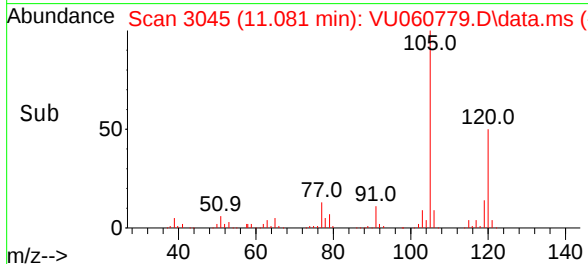
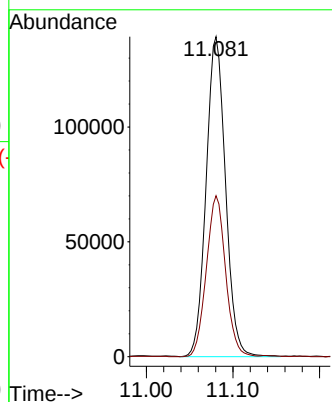
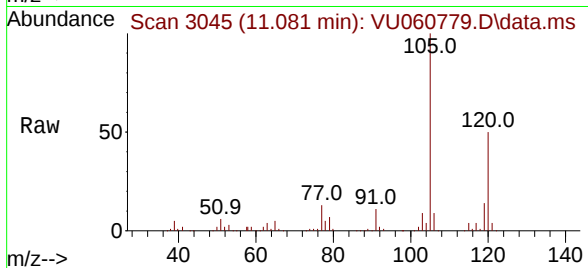




#62
1,3,5-Trimethylbenzene
Concen: 5.260 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

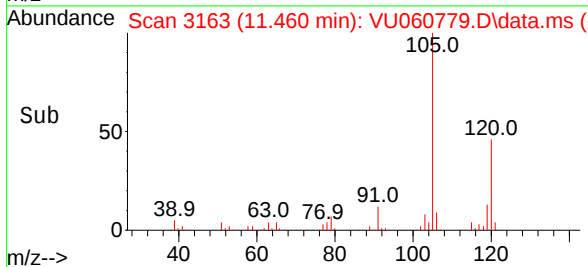
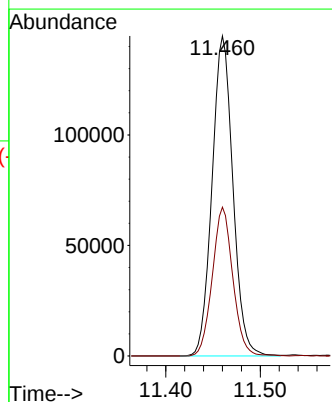
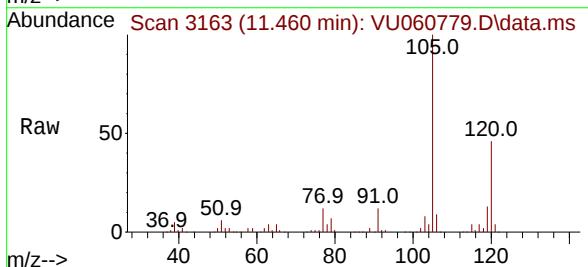
Instrument :
MSVOA_U
ClientSampleId :

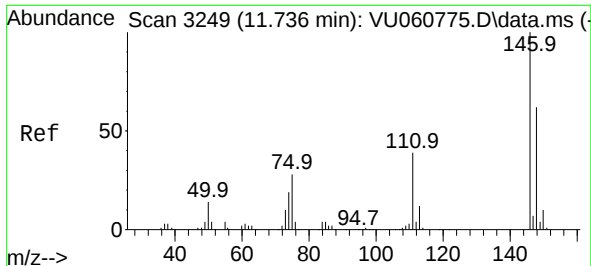
Tgt Ion:105 Resp: 216937
Ion Ratio Lower Upper
105 100
120 49.9 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.443 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060779.D
Acq: 16 Sep 2024 13:38

Tgt Ion:105 Resp: 221825
Ion Ratio Lower Upper
105 100
120 45.7 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.346 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

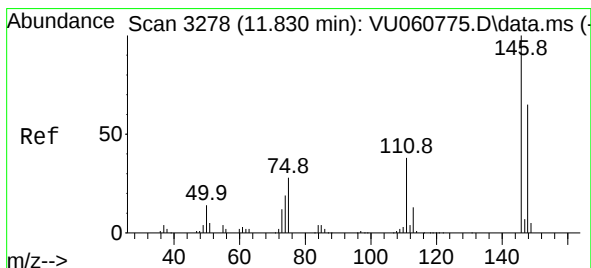
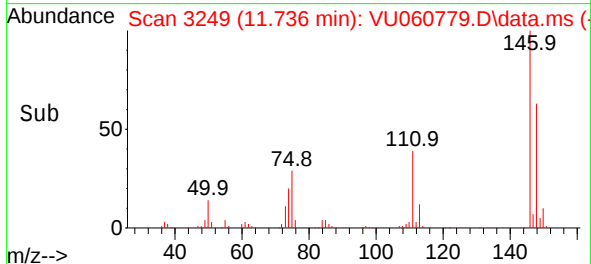
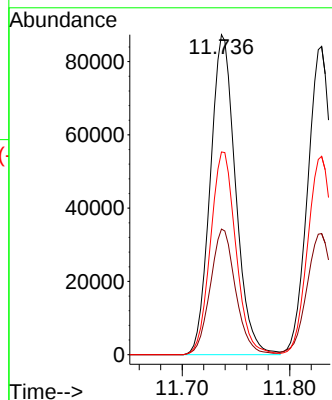
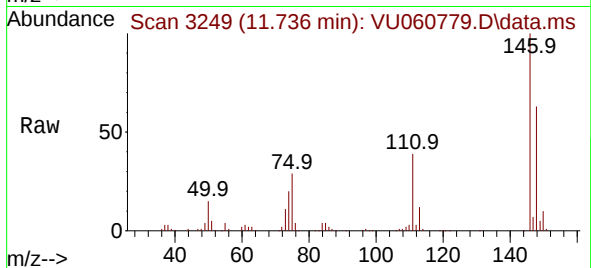
Tgt Ion:146 Resp: 142647

Ion Ratio Lower Upper

146 100

111 39.2 27.5 51.1

148 63.3 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 5.095 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

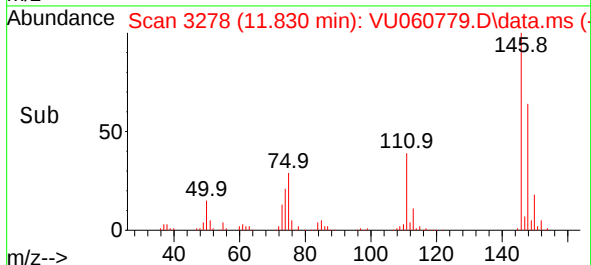
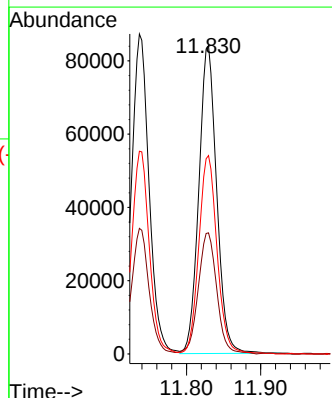
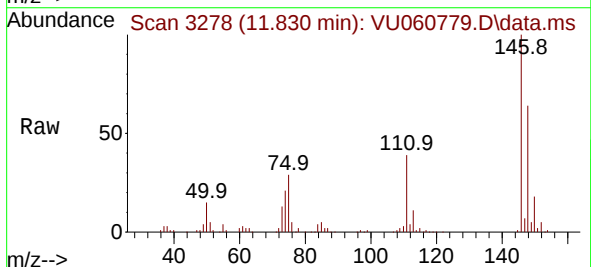
Tgt Ion:146 Resp: 140534

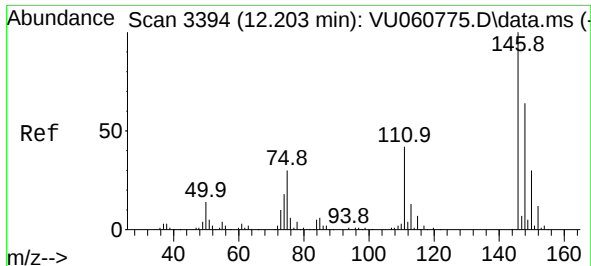
Ion Ratio Lower Upper

146 100

111 39.3 26.3 48.9

148 64.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.160 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

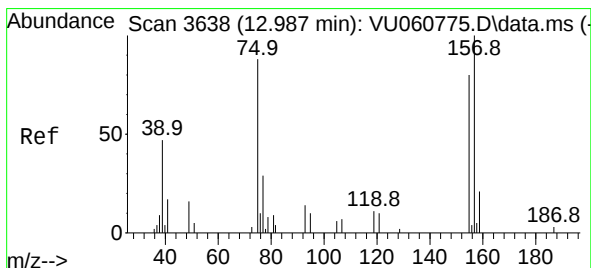
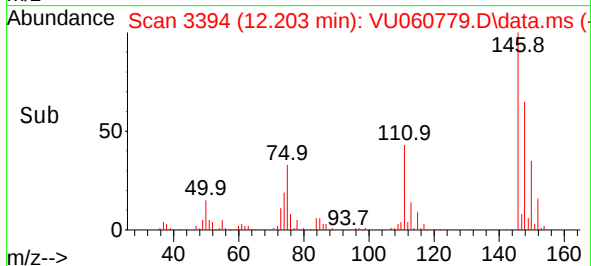
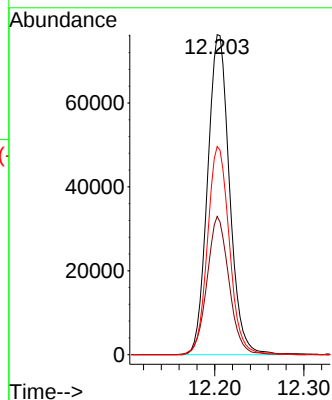
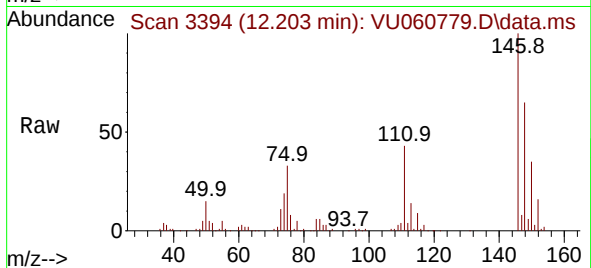
Tgt Ion:146 Resp: 130199

Ion Ratio Lower Upper

146 100

111 43.2 33.4 50.0

148 65.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.326 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

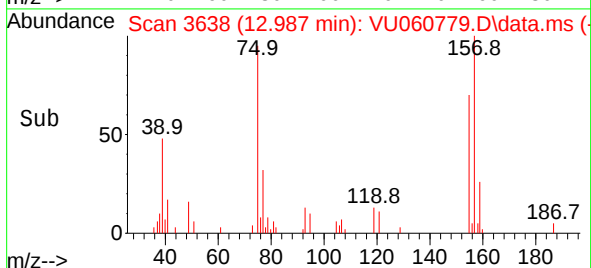
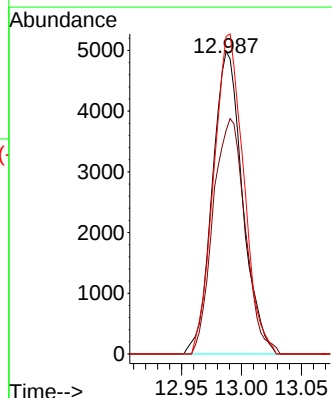
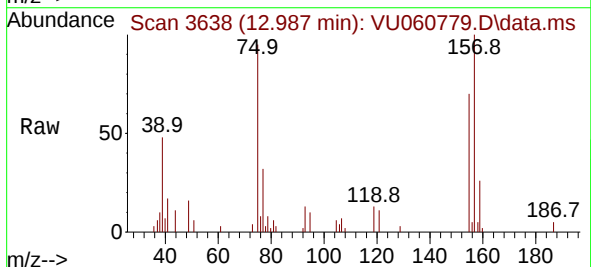
Tgt Ion: 75 Resp: 8686

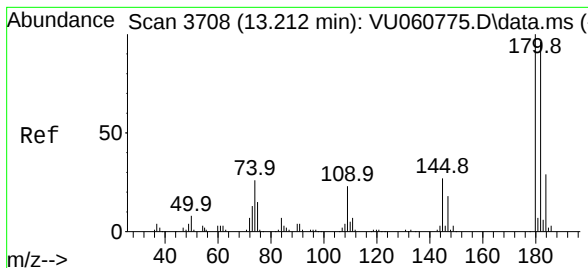
Ion Ratio Lower Upper

75 100

155 73.9 73.1 109.7

157 105.0 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 5.236 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

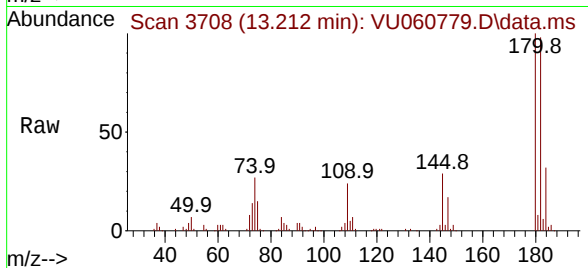
Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 104524

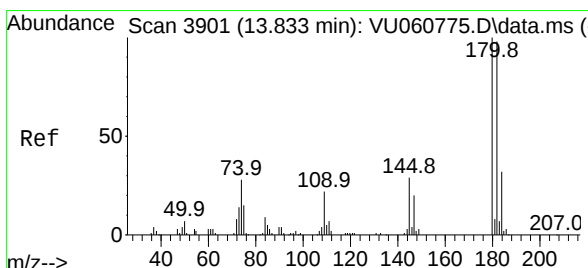
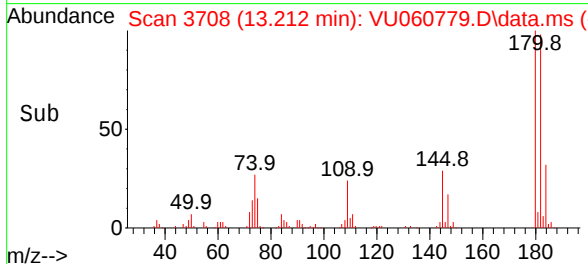
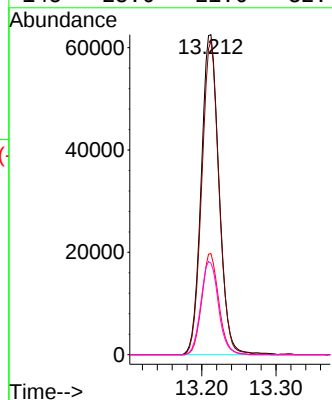
Ion Ratio Lower Upper

180 100

182 94.6 74.5 111.7

184 29.9 23.2 34.8

145 28.6 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 5.680 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

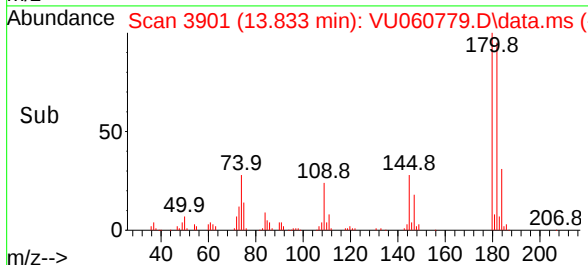
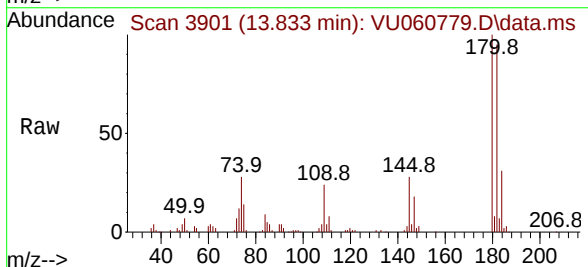
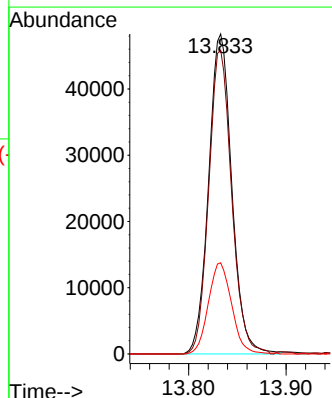
Tgt Ion:180 Resp: 79865

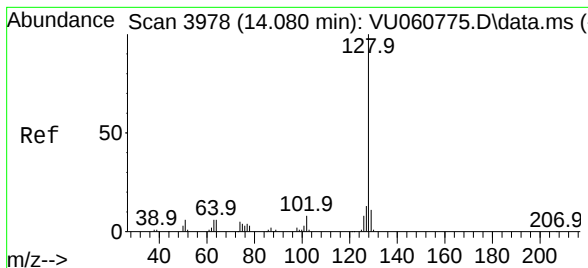
Ion Ratio Lower Upper

180 100

182 93.6 77.4 116.2

145 28.6 22.9 34.3





#71

Naphthalene

Concen: 5.766 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Instrument :

MSVOA_U

ClientSampleId :

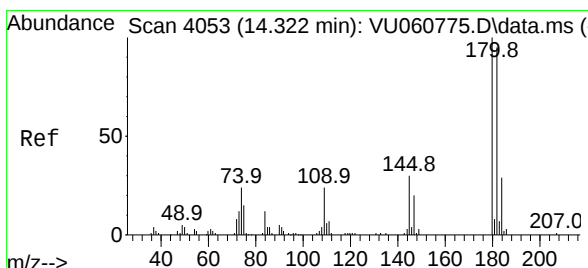
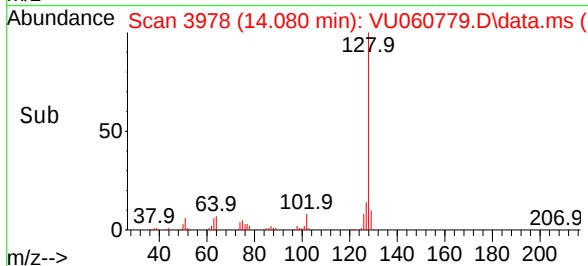
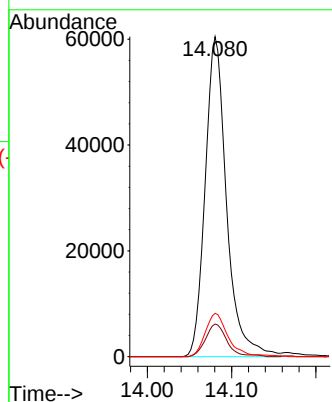
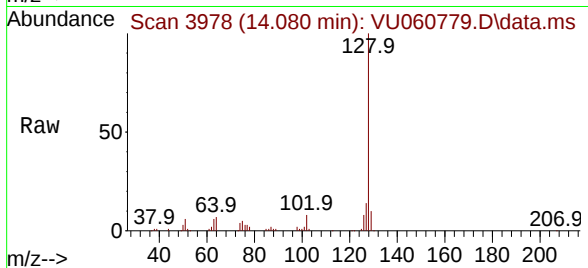
Tgt Ion:128 Resp: 106939

Ion Ratio Lower Upper

128 100

129 10.2 8.3 12.5

127 14.6 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.848 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060779.D

Acq: 16 Sep 2024 13:38

Tgt Ion:180 Resp: 71041

Ion Ratio Lower Upper

180 100

182 95.2 75.7 113.5

145 29.4 23.5 35.3

