

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060775.D
 Acq On : 16 Sep 2024 11:39
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:11:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:09:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	166043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75852	6.206	ug/L	0.00
7) Chloroethane-d5	1.910	69	55669	5.012	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	27379	5.552	ug/L	0.00
20) 2-Butanone-d5	4.634	46	122538	51.034	ug/L	0.00
24) Chloroform-d	5.055	84	117986	4.996	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	55677	4.901	ug/L	0.00
32) Benzene-d6	5.721	84	236728	5.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	74622	5.104	ug/L	0.00
41) Toluene-d8	7.891	98	227208	5.157	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	27642	5.854	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	102565	53.231	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57988	4.838	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	74287	4.708	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	65015	4.669	ug/L	100
3) Chloromethane	1.518	50	65993	4.486	ug/L	100
5) Vinyl chloride	1.602	62	73428	4.500	ug/L	100
6) Bromomethane	1.856	94	46527	4.117	ug/L	100
8) Chloroethane	1.933	64	43697	4.465	ug/L	100
9) Trichlorofluoromethane	2.136	101	98951	4.922	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59597	4.707	ug/L	100
12) 1,1-Dichloroethene	2.576	96	52940	4.566	ug/L	100
13) Acetone	2.656	43	73996	46.977	ug/L	95
14) Carbon disulfide	2.788	76	149797	4.003	ug/L	100
15) Methyl Acetate	2.959	43	19510	4.899	ug/L	100
16) Methylene chloride	3.039	84	62560	4.532	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	119853	4.749	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	54079	4.534	ug/L	100
19) 1,1-Dichloroethane	3.859	63	111763	4.972	ug/L	100
21) 2-Butanone	4.714	43	125817	50.541	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	62484	4.714	ug/L	100
23) Bromochloromethane	4.965	128	29469	4.856	ug/L	100
25) Chloroform	5.078	83	114992	4.877	ug/L	100
27) 1,2-Dichloroethane	5.788	62	68029	4.806	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	94927	4.810	ug/L	100
30) Cyclohexane	5.383	56	78270	4.581	ug/L	100
31) Carbon tetrachloride	5.515	117	85597	5.104	ug/L	100
33) Benzene	5.766	78	250486	4.859	ug/L	100
34) Trichloroethene	6.537	95	64733	4.652	ug/L	100
35) Methylcyclohexane	6.756	83	86355	4.414	ug/L	100
37) 1,2-Dichloropropane	6.782	63	67948	5.051	ug/L	100
38) Bromodichloromethane	7.097	83	82004	4.903	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	89166	4.880	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	318801	50.893	ug/L	100
42) Toluene	7.962	91	273943	5.013	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	73897	5.002	ug/L	100

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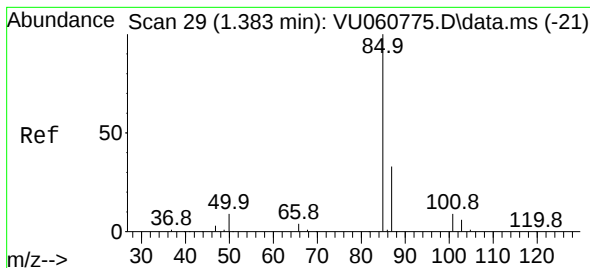
Instrument :
 MSVOA_U
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	47111	4.794	ug/L	100
47) Tetrachloroethene	8.547	164	50266	4.665	ug/L	100
48) 2-Hexanone	8.679	43	236414	52.697	ug/L	100
49) Dibromochloromethane	8.801	129	54892	4.982	ug/L	100
50) 1,2-Dibromoethane	8.917	107	44080	4.839	ug/L	100
51) Chlorobenzene	9.441	112	171688	4.945	ug/L	100
52) Ethylbenzene	9.563	91	271707	4.860	ug/L	100
53) m,p-Xylene	9.688	106	106719	4.961	ug/L	100
54) o-Xylene	10.093	106	103133	5.034	ug/L	100
55) Styrene	10.106	104	175925	5.078	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	59055	4.897	ug/L	100
59) Bromoform	10.283	173	32766	4.833	ug/L	100
60) Isopropylbenzene	10.476	105	273035	5.003	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39200	4.820	ug/L	100
62) 1,3,5-Trimethylbenzene	11.080	105	207336	4.826	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	210849	5.099	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	137738	4.932	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	136025	4.760	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	128662	4.908	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	8162	5.073	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	99450	4.815	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	68079	4.366	ug/L	100
71) Naphthalene	14.080	128	82978	3.773	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	60611	4.215	ug/L	100

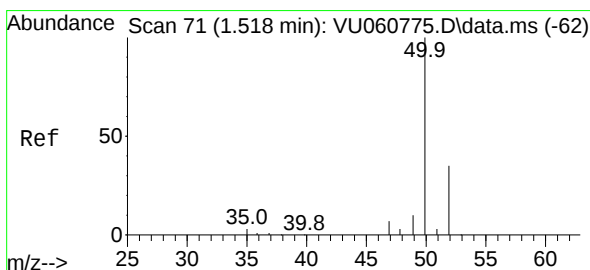
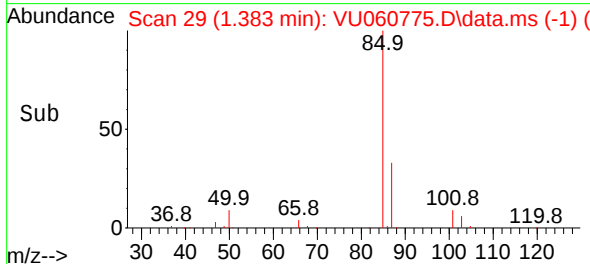
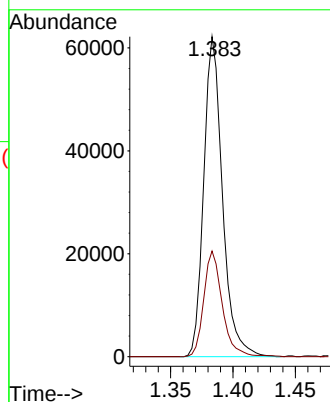
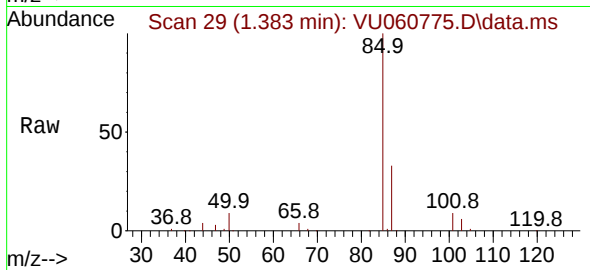
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.669 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

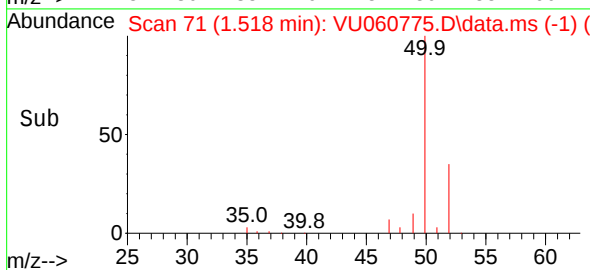
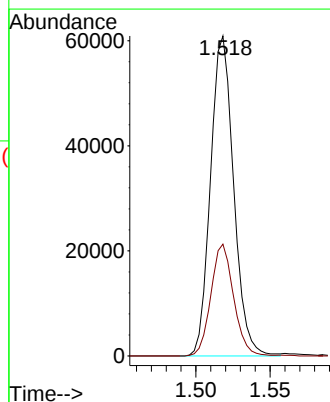
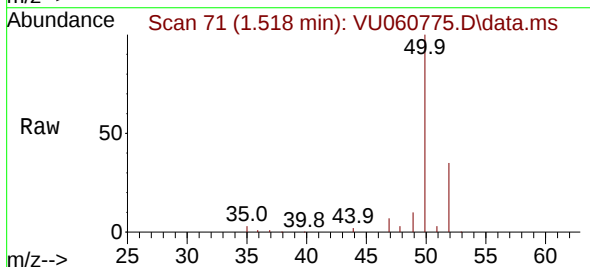
Instrument :
 MSVOA_U
 ClientSampleId :

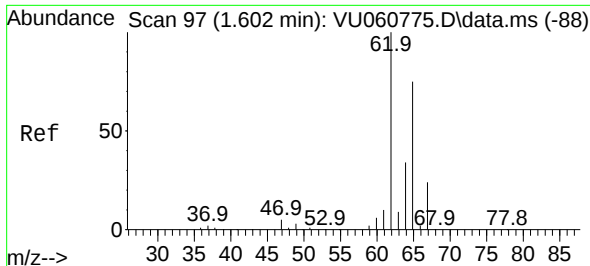
Tgt Ion: 85 Resp: 65015
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.2



#3
 Chloromethane
 Concen: 4.486 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

Tgt Ion: 50 Resp: 65993
 Ion Ratio Lower Upper
 50 100
 52 34.9 24.4 45.4

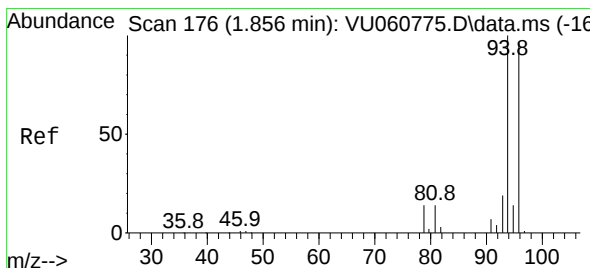
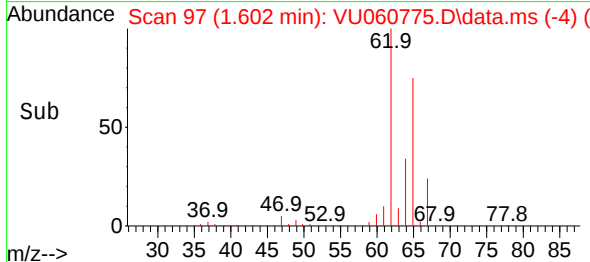
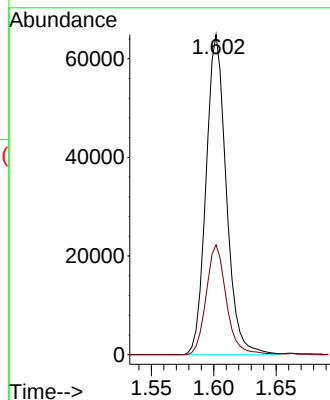
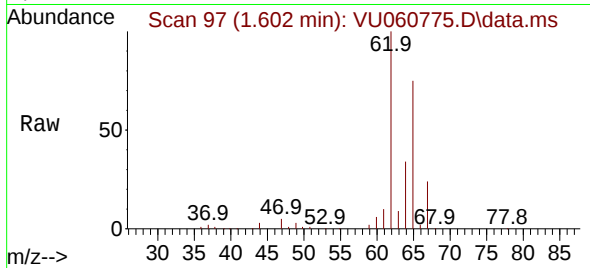




#5
 Vinyl chloride
 Concen: 4.500 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

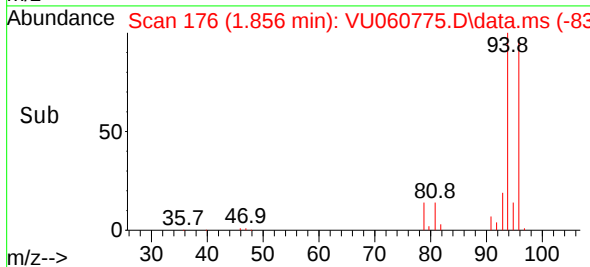
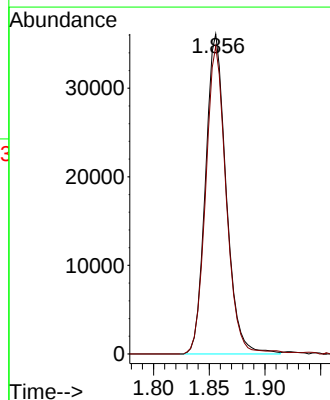
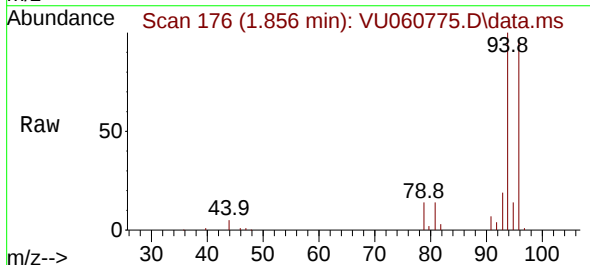
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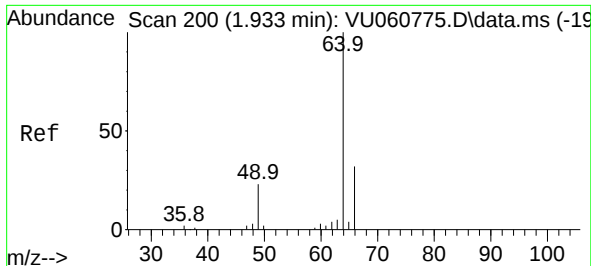
Tgt Ion: 62 Resp: 73428
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.0 44.6



#6
 Bromomethane
 Concen: 4.117 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

Tgt Ion: 94 Resp: 46527
 Ion Ratio Lower Upper
 94 100
 96 96.1 67.3 124.9

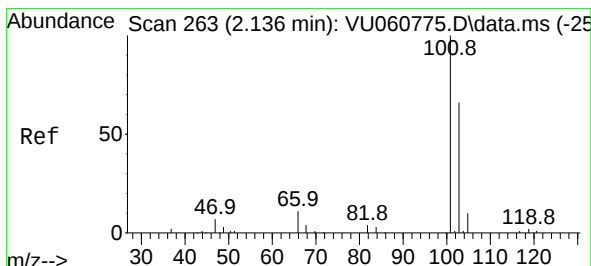
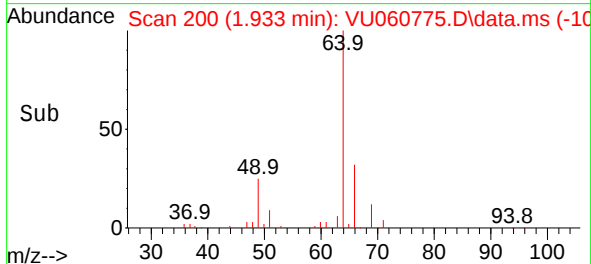
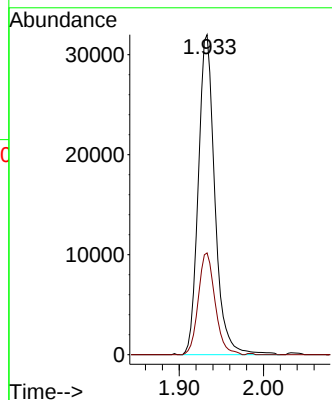
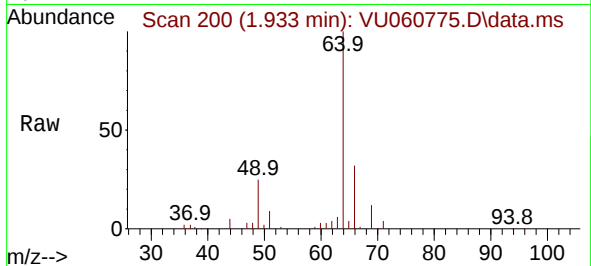




#8
Chloroethane
Concen: 4.465 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

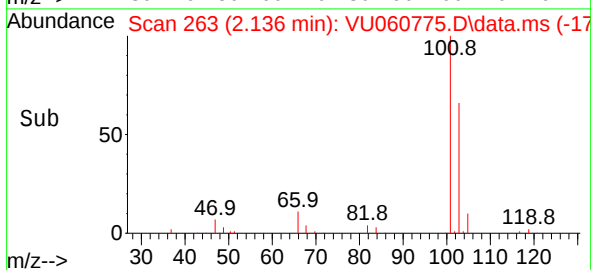
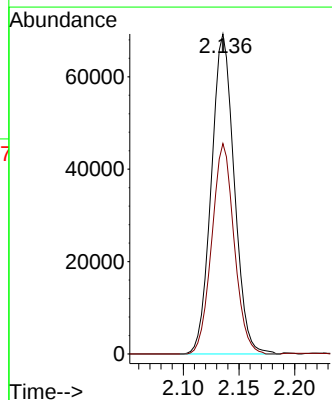
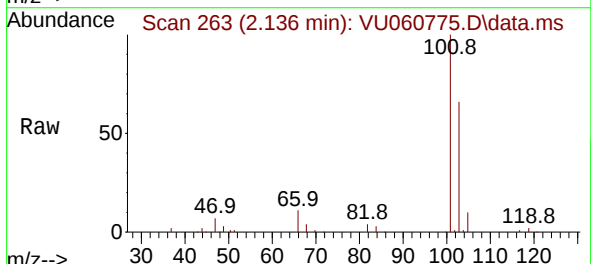
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MSVOA_U
ClientSampleId :

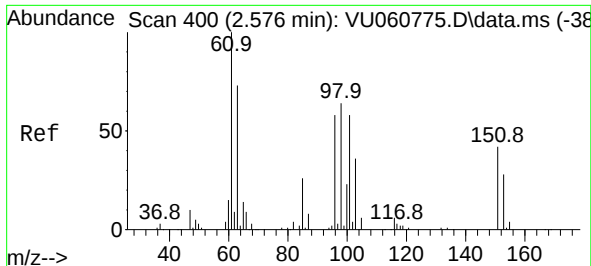
Tgt Ion: 64 Resp: 43697
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.922 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion:101 Resp: 98951
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2





#10

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

Concen: 4.707 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

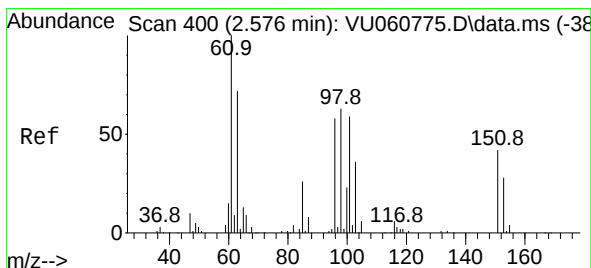
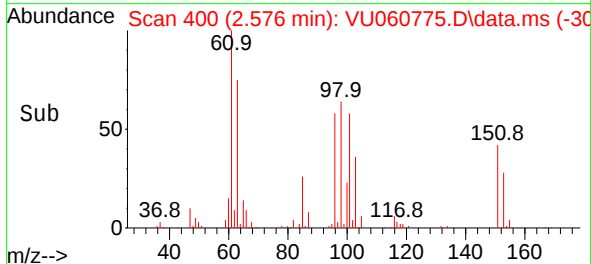
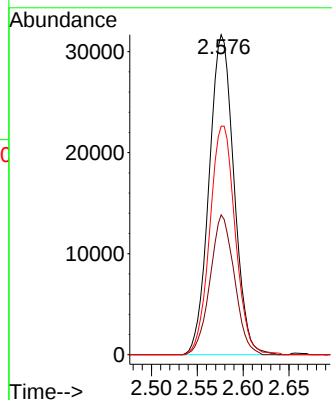
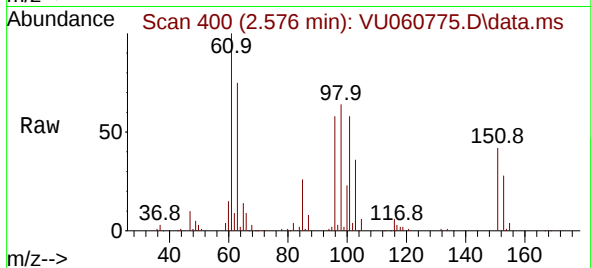
Tgt Ion:101 Resp: 59597

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

151 73.3 58.6 88.0



#12

1,1-Dichloroethene

Concen: 4.566 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

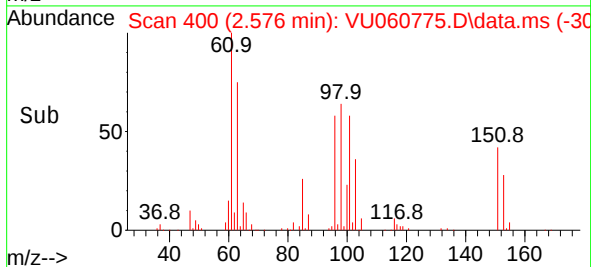
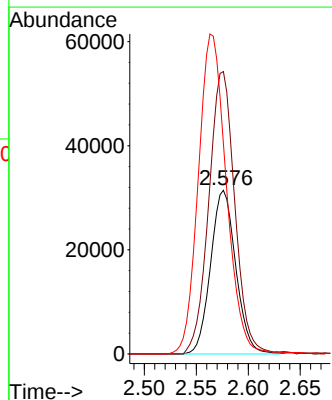
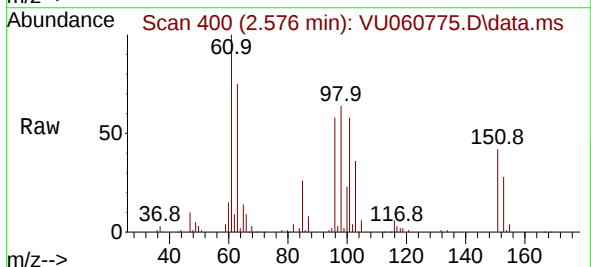
Tgt Ion: 96 Resp: 52940

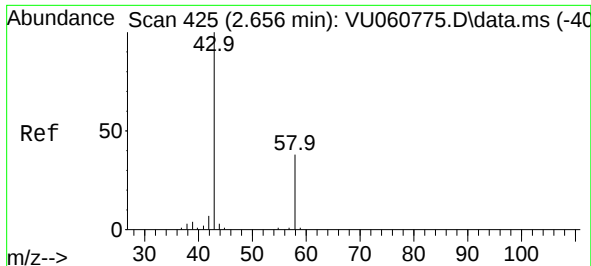
Ion Ratio Lower Upper

96 100

61 172.4 120.7 224.1

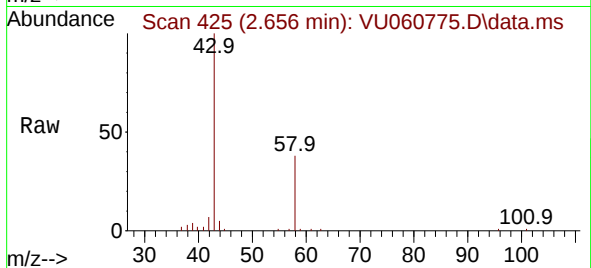
63 128.6 90.0 167.2



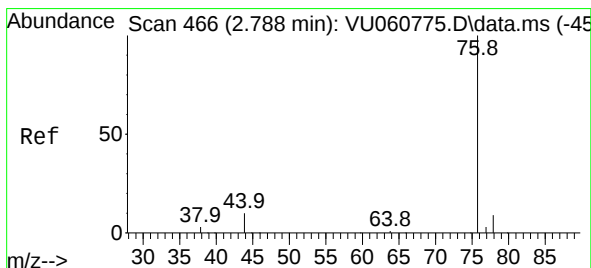
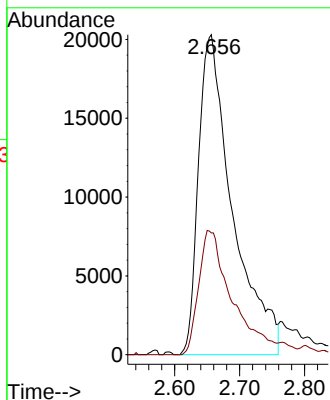
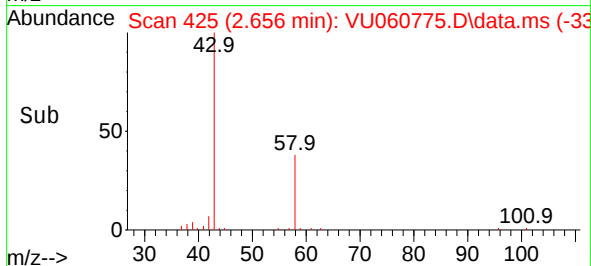


#13
Acetone
Concen: 46.977 ug/L
RT: 2.656 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Instrument :
MSVOA_U
ClientSampleId :

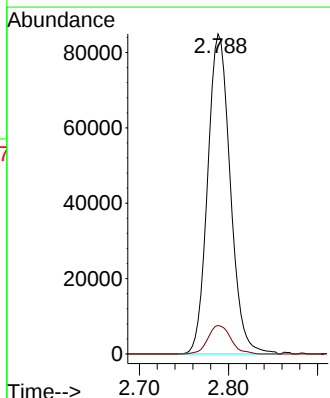
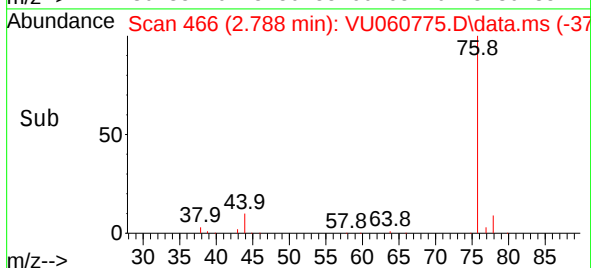
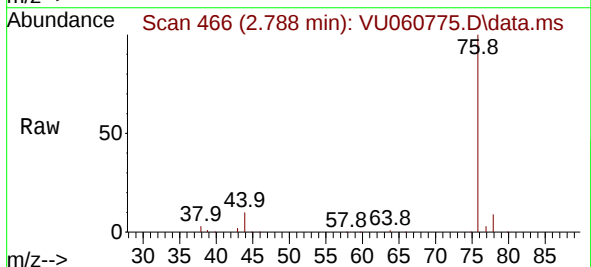


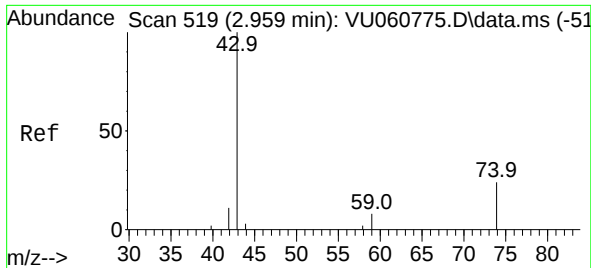
Tgt Ion: 43 Resp: 73996
Ion Ratio Lower Upper
43 100
58 37.9 0.0 69.6



#14
Carbon disulfide
Concen: 4.003 ug/L
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 76 Resp: 149797
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

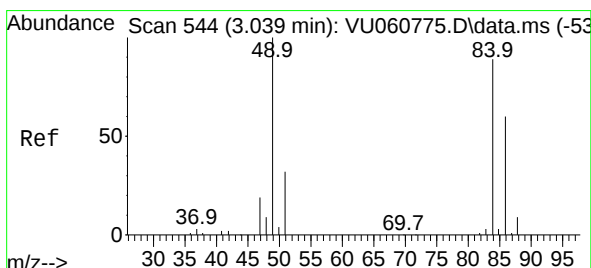
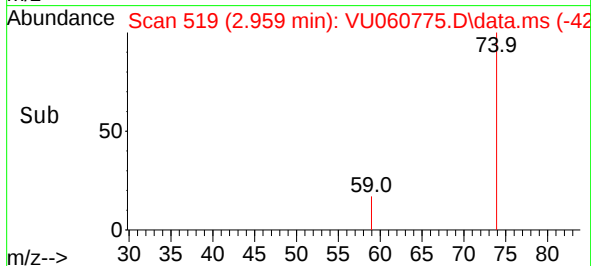
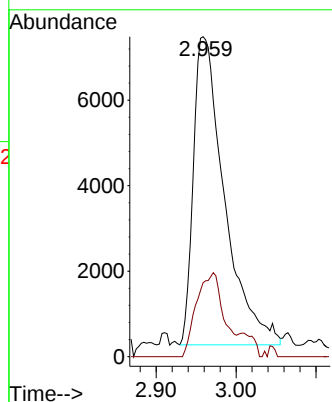
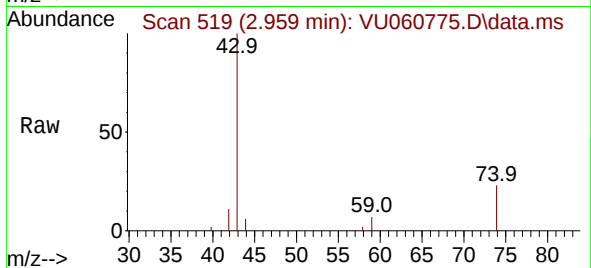




#15
Methyl Acetate
Concen: 4.899 ug/L
RT: 2.959 min Scan# 519
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

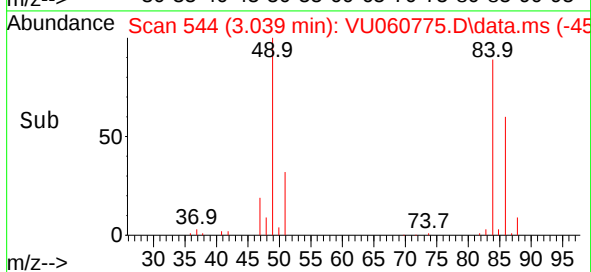
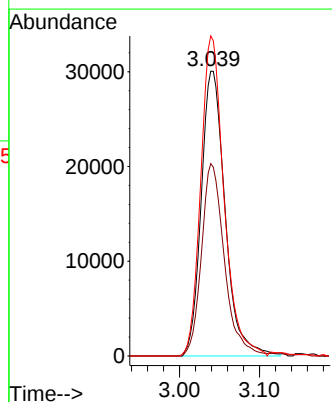
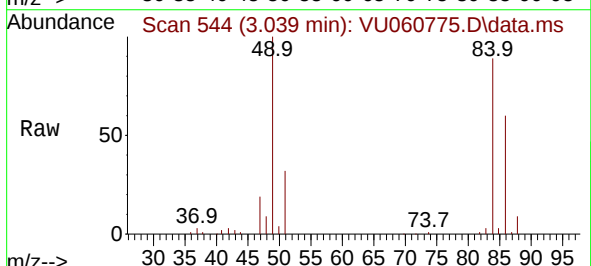
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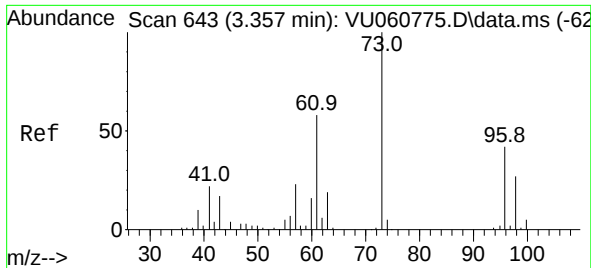
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Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3



#16
Methylene chloride
Concen: 4.532 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 84 Resp: 62560
Ion Ratio Lower Upper
84 100
86 67.5 47.3 87.8
49 112.4 78.7 146.1

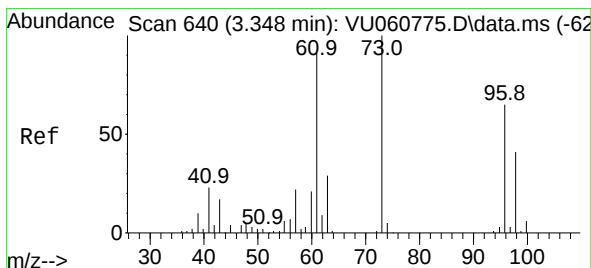
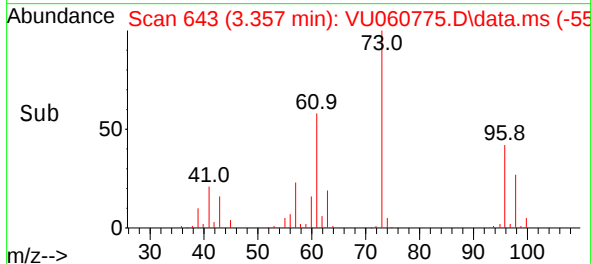
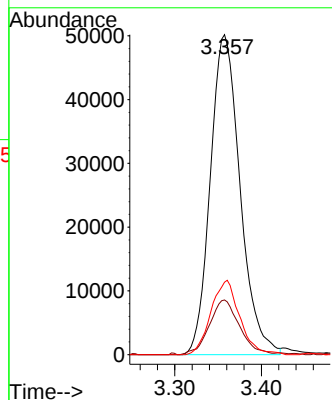
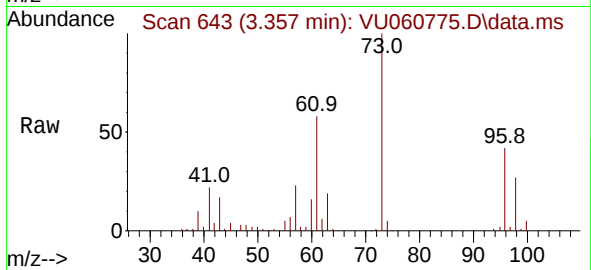




#17
Methyl tert-butyl Ether
Concen: 4.749 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

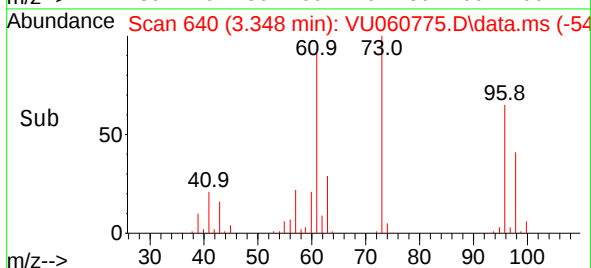
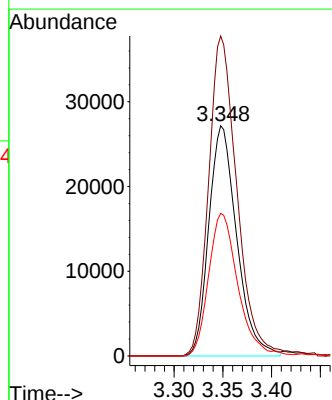
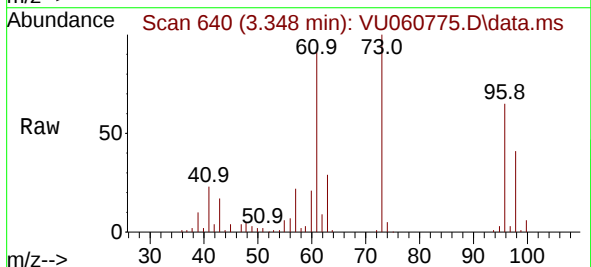
Instrument :
MSVOA_U
ClientSampleId :

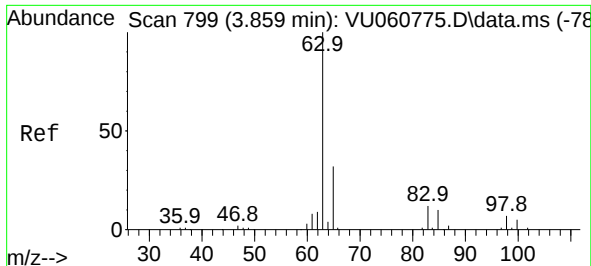
Tgt Ion: 73 Resp: 119853
Ion Ratio Lower Upper
73 100
43 17.3 13.8 20.8
57 22.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.534 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 96 Resp: 54079
Ion Ratio Lower Upper
96 100
61 138.9 97.2 180.6
98 61.9 43.3 80.5

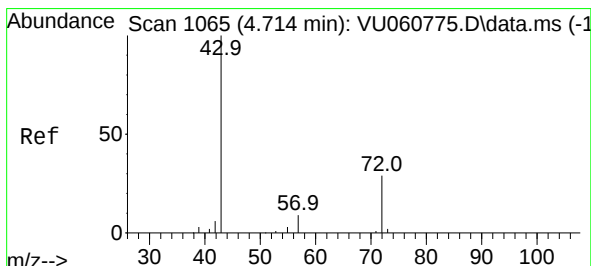
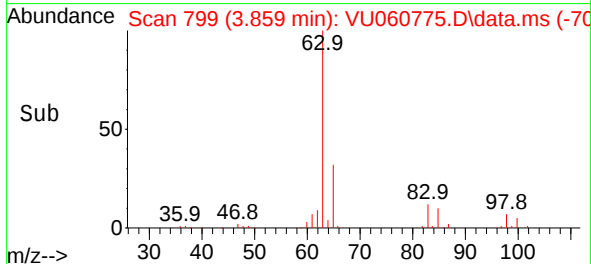
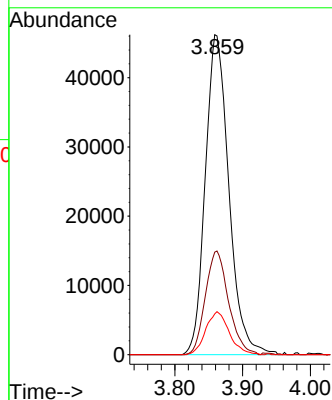
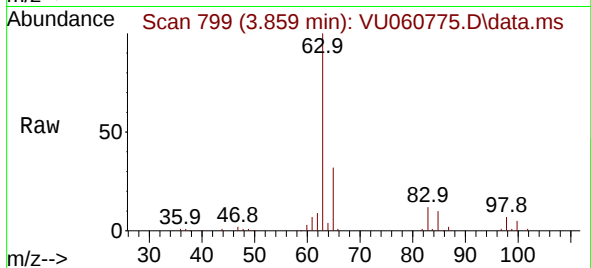




#19
1,1-Dichloroethane
Concen: 4.972 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

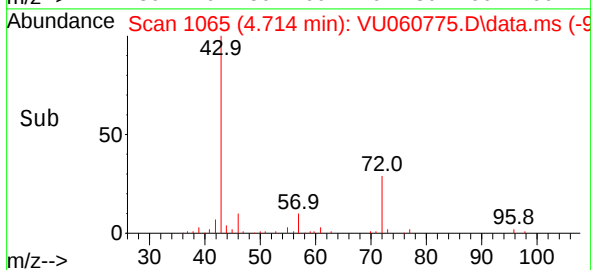
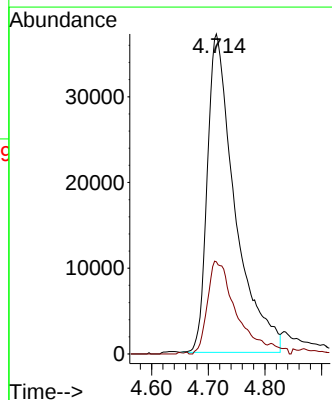
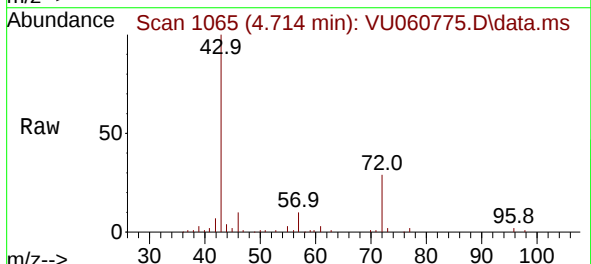
Instrument :
MSVOA_U
ClientSampleId :

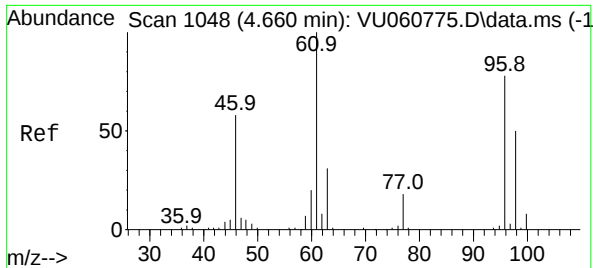
Tgt Ion: 63 Resp: 111763
Ion Ratio Lower Upper
63 100
65 32.9 23.0 42.8
83 12.8 9.0 16.6



#21
2-Butanone
Concen: 50.541 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 43 Resp: 125817
Ion Ratio Lower Upper
43 100
72 29.5 14.8 44.3

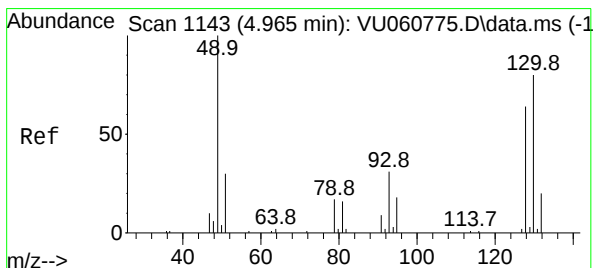
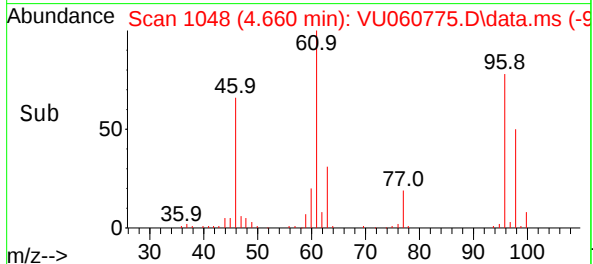
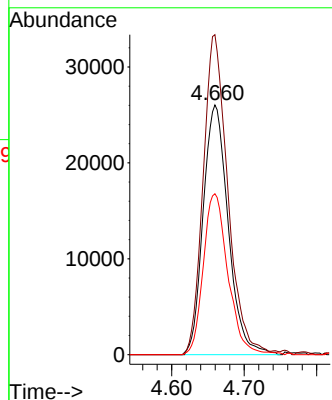
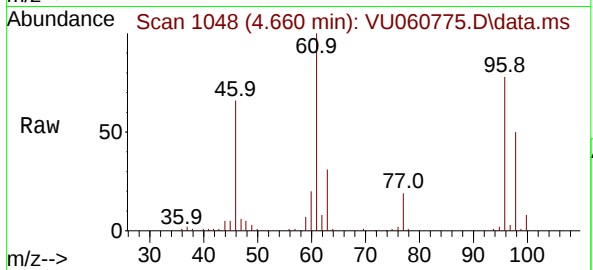




#22
 cis-1,2-Dichloroethene
 Concen: 4.714 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

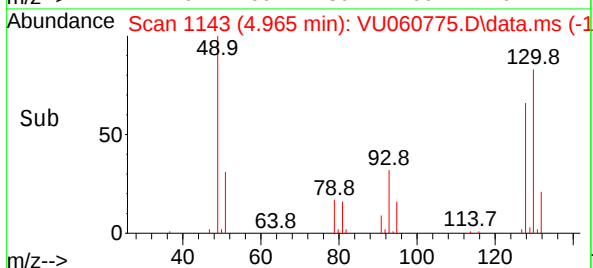
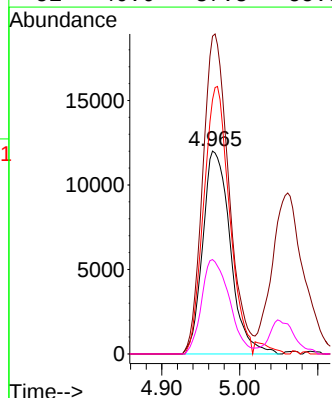
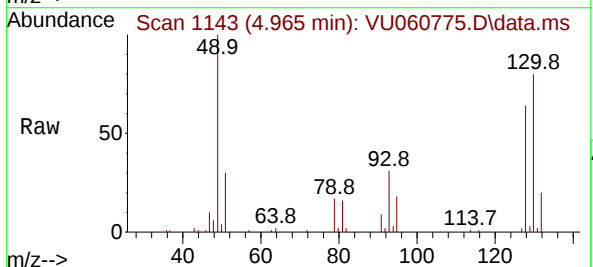
Instrument :
 MSVOA_U
 ClientSampleId :

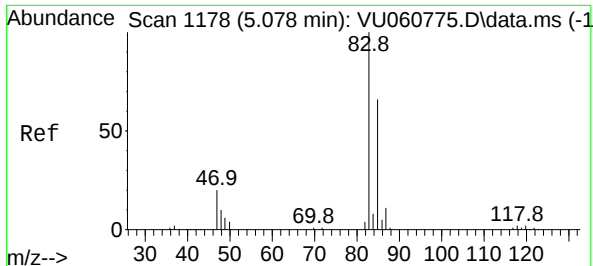
Tgt Ion: 96 Resp: 62484
 Ion Ratio Lower Upper
 96 100
 61 128.1 89.7 166.5
 98 64.5 45.1 83.9



#23
 Bromochloromethane
 Concen: 4.856 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

Tgt Ion:128 Resp: 29469
 Ion Ratio Lower Upper
 128 100
 49 156.6 109.6 203.6
 130 125.4 87.8 163.0
 51 46.6 37.3 55.9

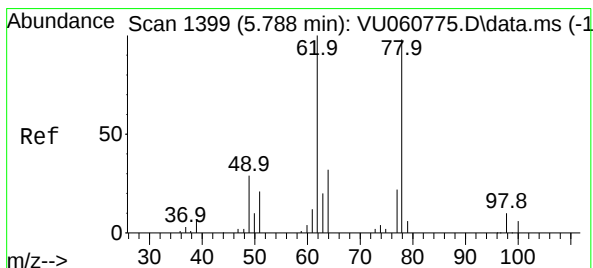
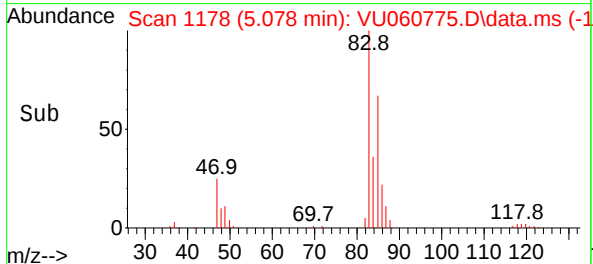
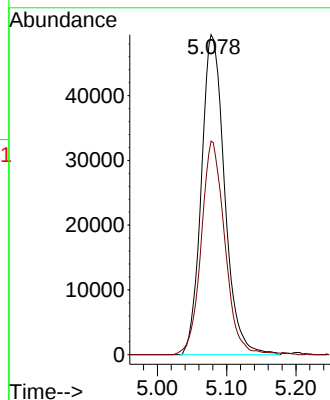
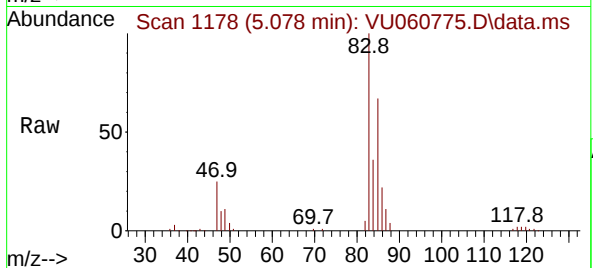




#25
Chloroform
Concen: 4.877 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

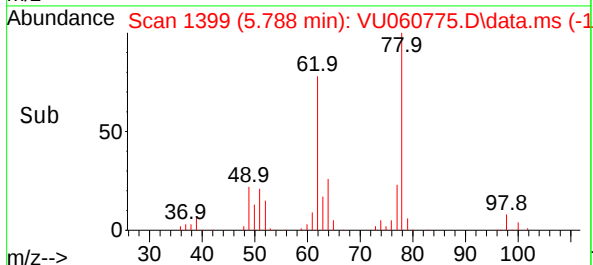
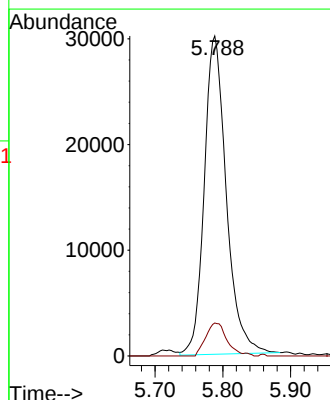
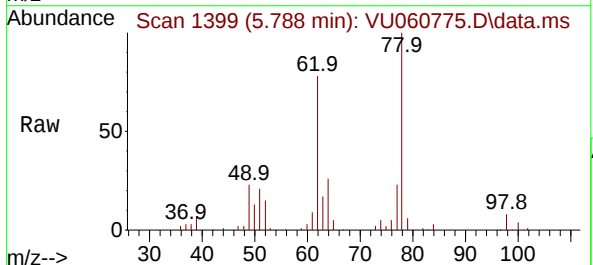
Instrument :
MSVOA_U
ClientSampleId :

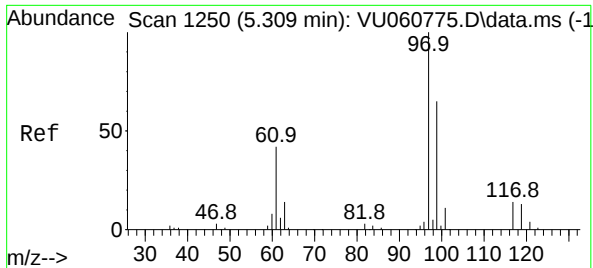
Tgt Ion: 83 Resp: 114992
Ion Ratio Lower Upper
83 100
85 66.8 46.8 86.8



#27
1,2-Dichloroethane
Concen: 4.806 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 62 Resp: 68029
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.4

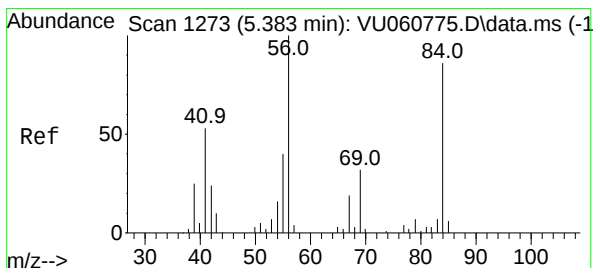
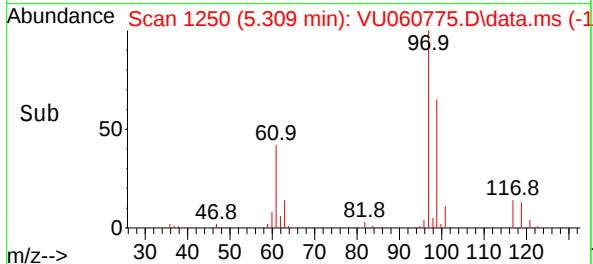
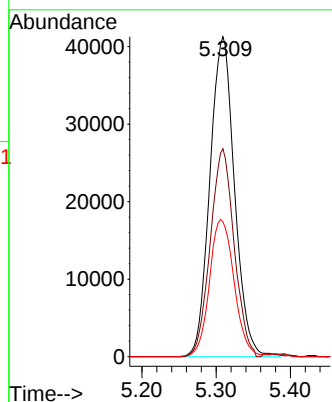
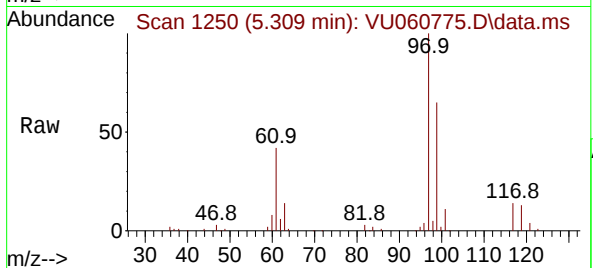




#29
1,1,1-Trichloroethane
Concen: 4.810 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

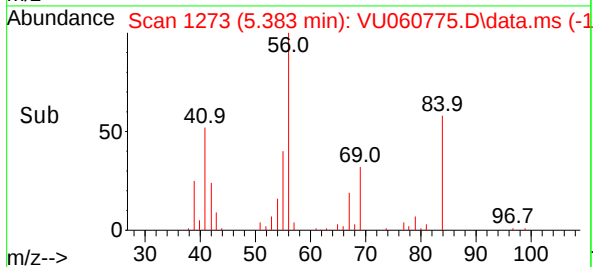
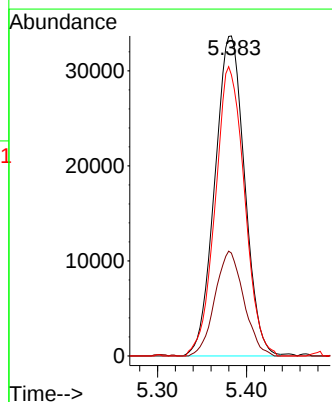
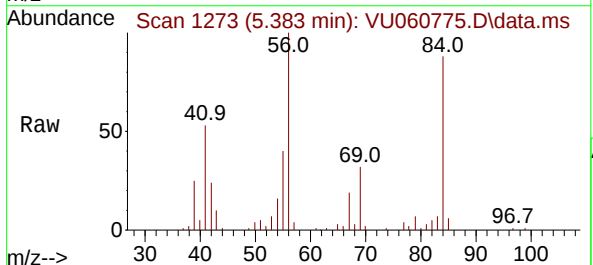
Instrument :
MSVOA_U
ClientSampleId :

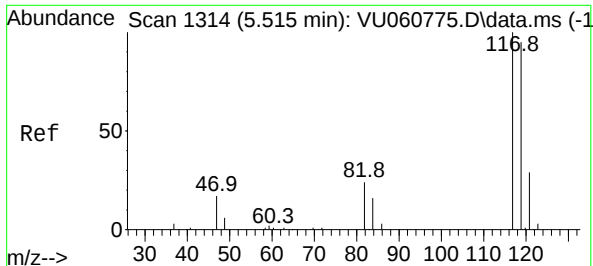
Tgt Ion: 97 Resp: 94927
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 43.0 34.4 51.6



#30
Cyclohexane
Concen: 4.581 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 56 Resp: 78270
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.0
84 88.8 71.0 106.6

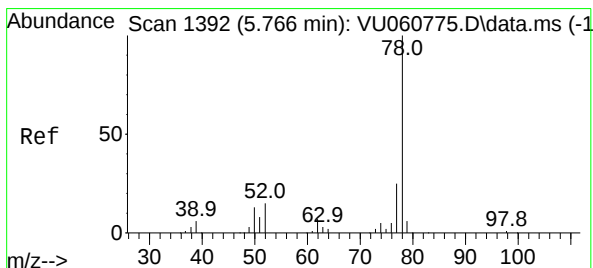
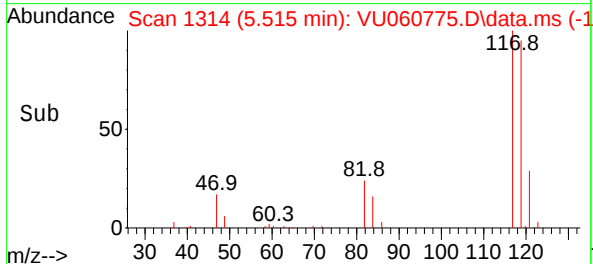
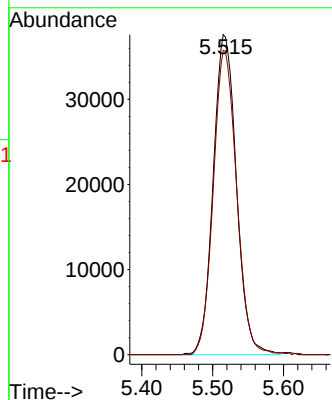
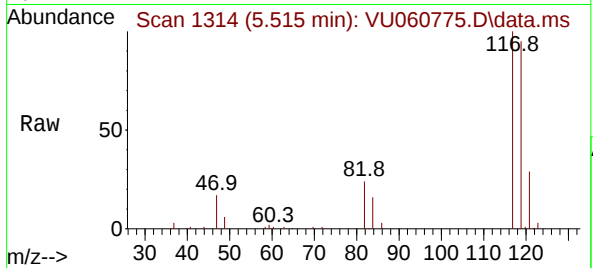




#31
Carbon tetrachloride
Concen: 5.104 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

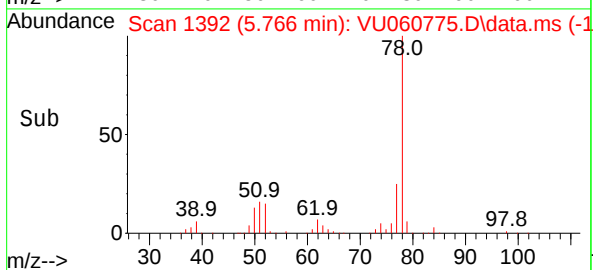
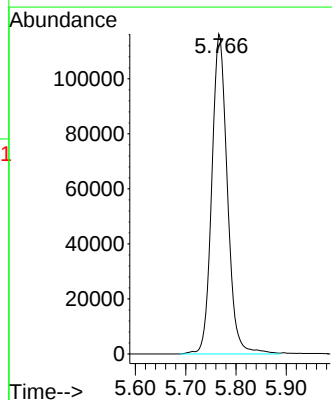
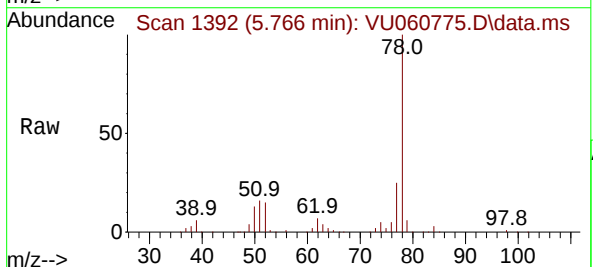
Instrument :
MSVOA_U
ClientSampleId :

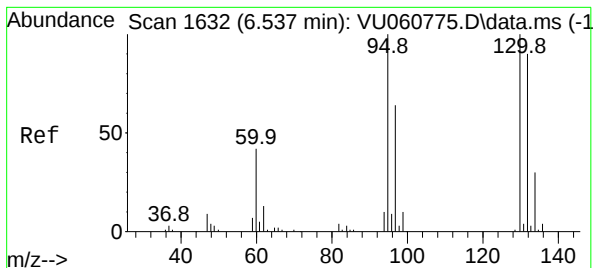
Tgt Ion:117 Resp: 85597
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 4.859 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 78 Resp: 250486





#34

Trichloroethene

Concen: 4.652 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 64733

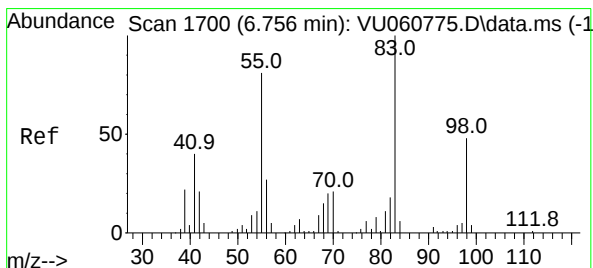
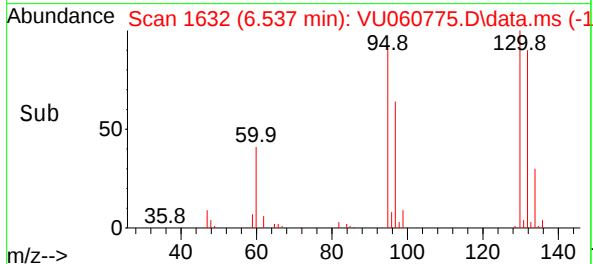
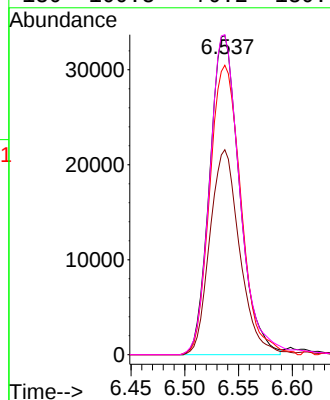
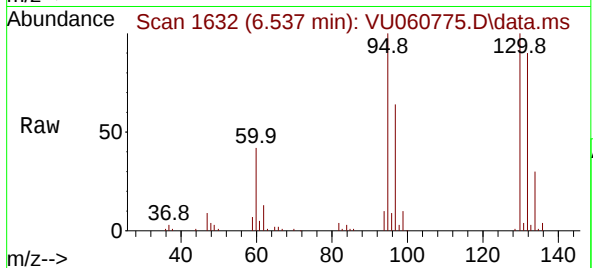
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.5

132 90.7 63.5 117.9

130 100.3 70.2 130.4



#35

Methylcyclohexane

Concen: 4.414 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

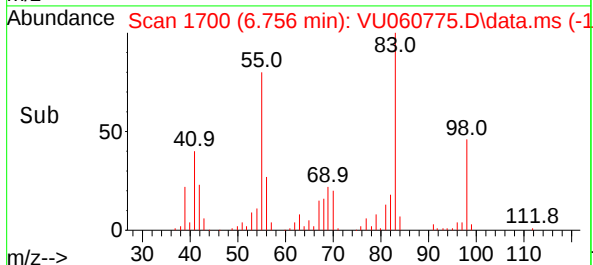
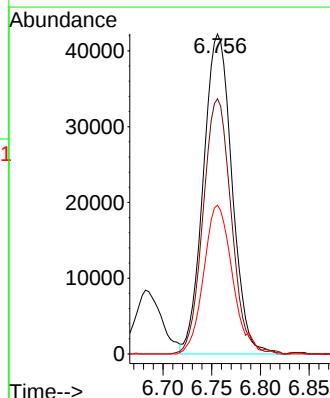
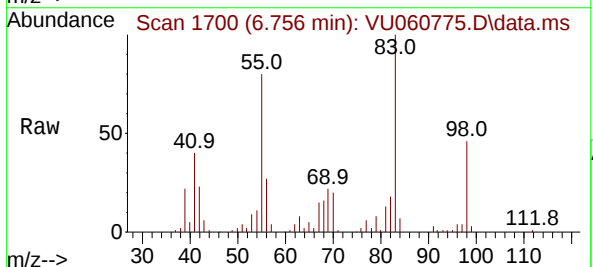
Tgt Ion: 83 Resp: 86355

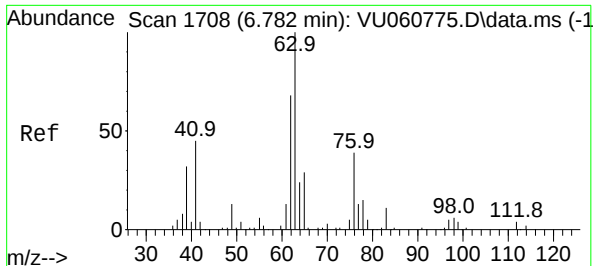
Ion Ratio Lower Upper

83 100

55 78.3 62.6 94.0

98 47.0 37.6 56.4

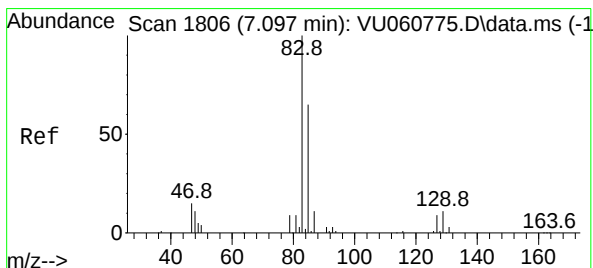
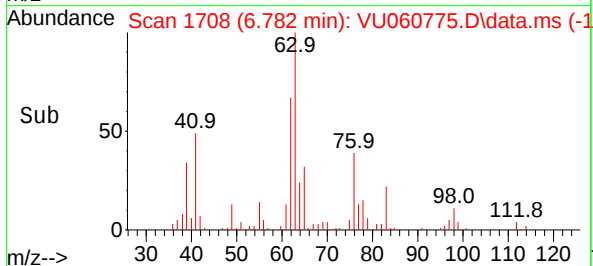
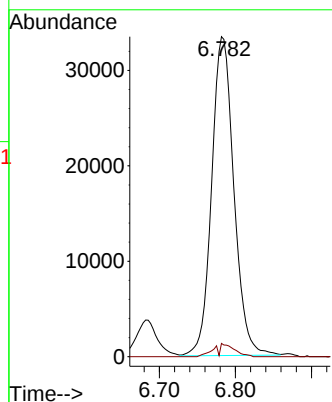
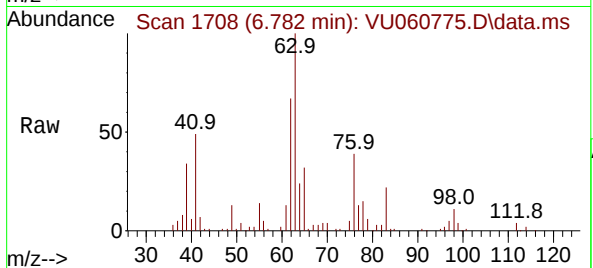




#37
1,2-Dichloropropane
Concen: 5.051 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

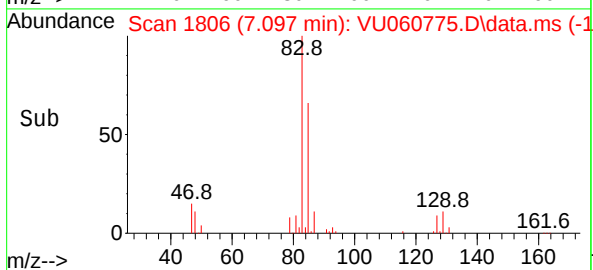
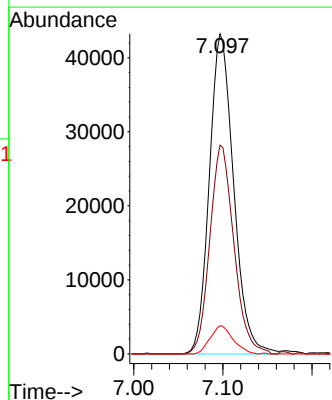
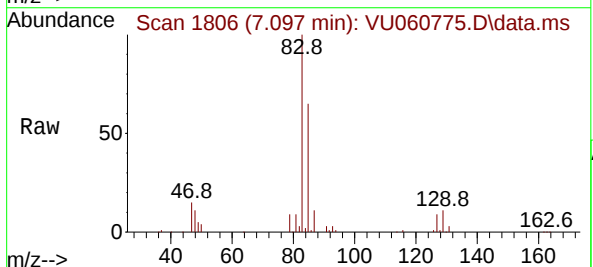
Instrument :
MSVOA_U
ClientSampleId :

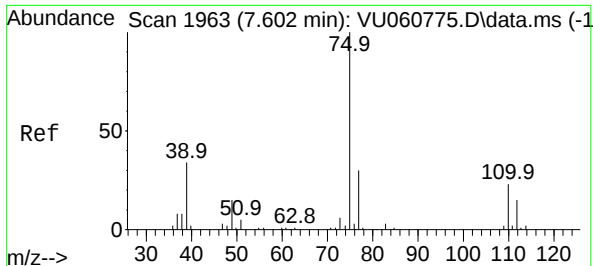
Tgt Ion: 63 Resp: 67948
Ion Ratio Lower Upper
63 100
112 2.5 2.0 3.0



#38
Bromodichloromethane
Concen: 4.903 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 83 Resp: 82004
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8
127 8.8 7.0 10.6

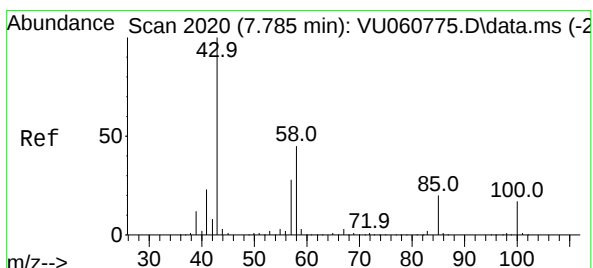
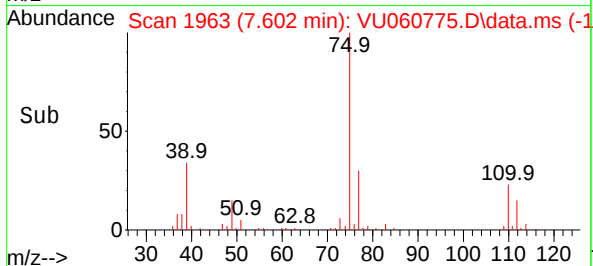
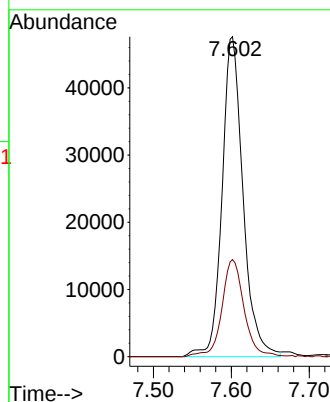
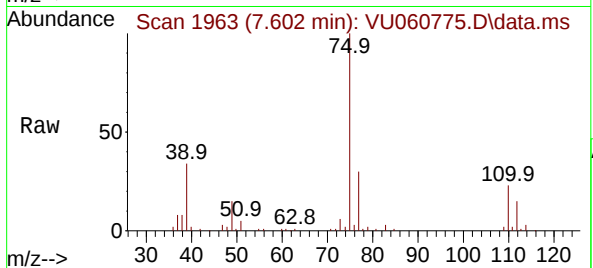




#39
cis-1,3-Dichloropropene
Concen: 4.880 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

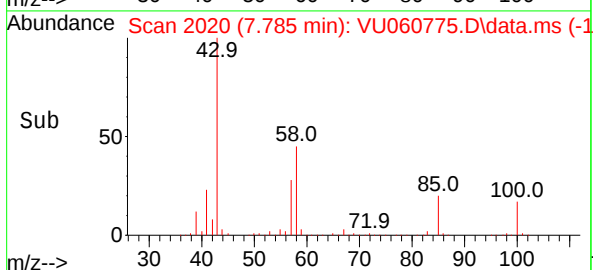
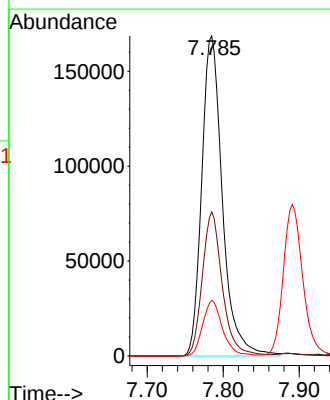
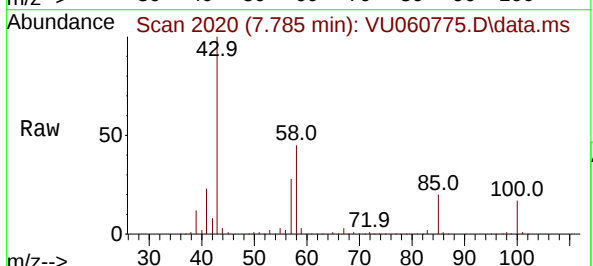
Instrument :
MSVOA_U
ClientSampleId :

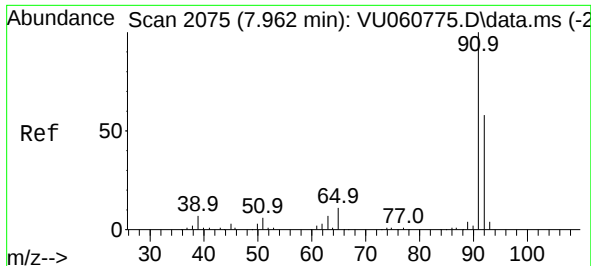
Tgt Ion: 75 Resp: 89166
Ion Ratio Lower Upper
75 100
77 30.4 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 50.893 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 43 Resp: 318801
Ion Ratio Lower Upper
43 100
58 43.6 34.9 52.3
100 16.7 13.4 20.0





#42

Toluene

Concen: 5.013 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Instrument :

MSVOA_U

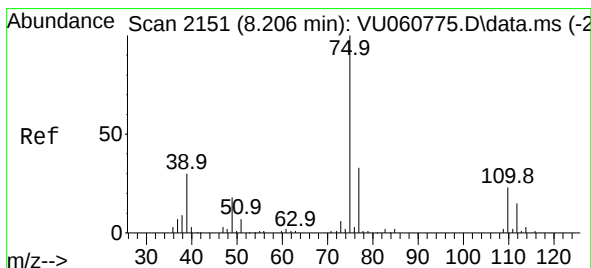
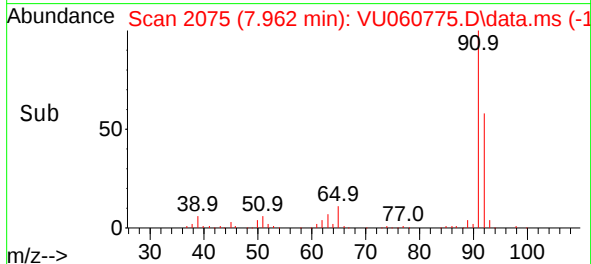
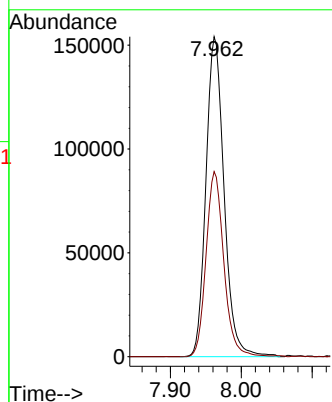
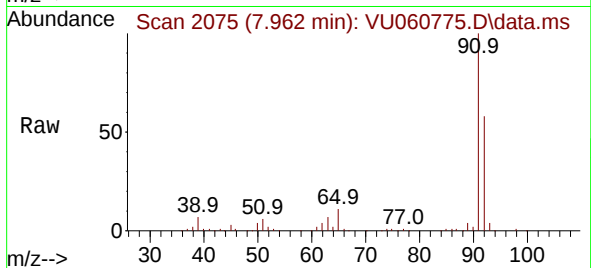
ClientSampleId :

Tgt Ion: 91 Resp: 273943

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.002 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060775.D

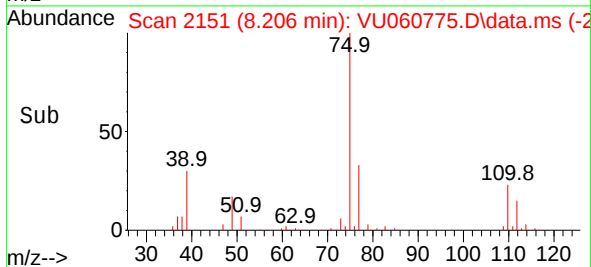
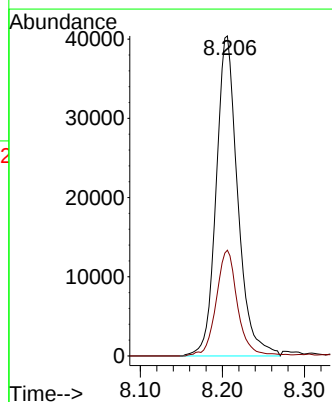
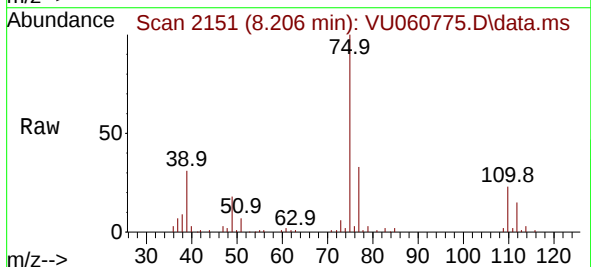
Acq: 16 Sep 2024 11:39

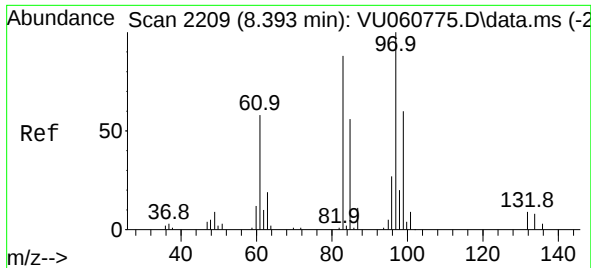
Tgt Ion: 75 Resp: 73897

Ion Ratio Lower Upper

75 100

77 33.0 23.1 42.9

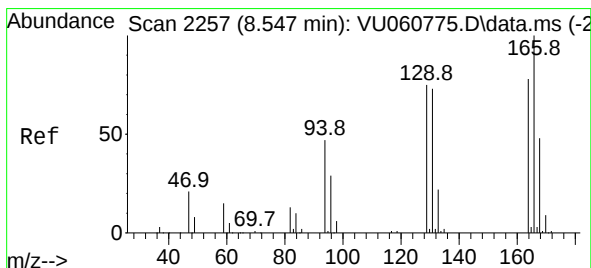
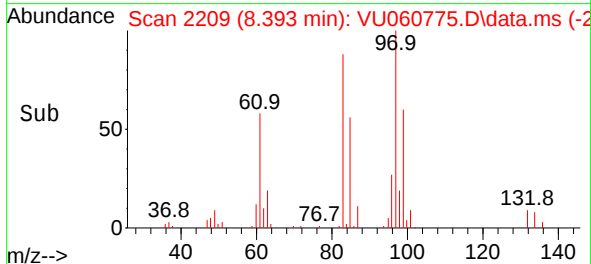
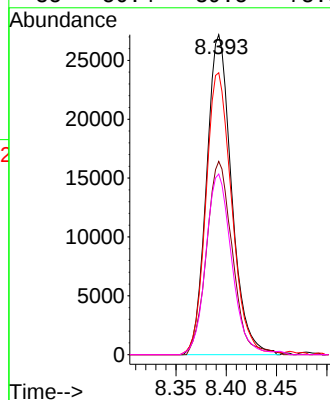
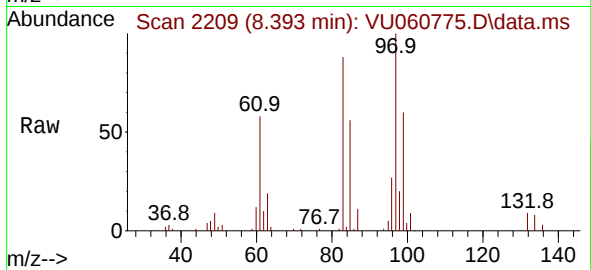




#45
1,1,2-Trichloroethane
Concen: 4.794 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

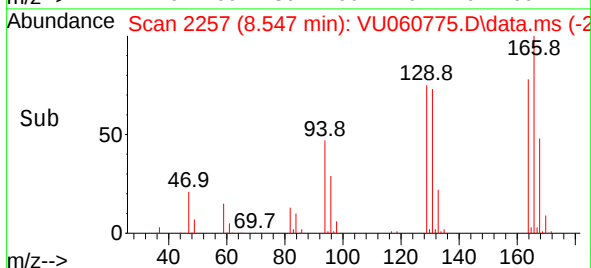
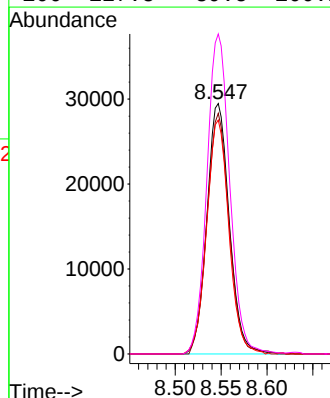
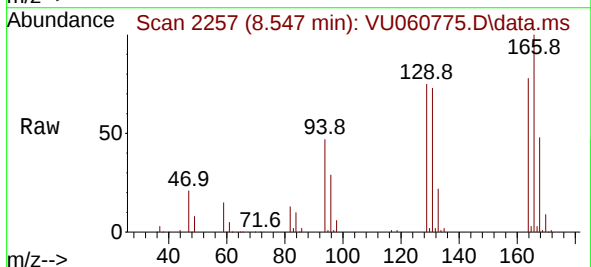
Instrument :
MSVOA_U
ClientSampleId :

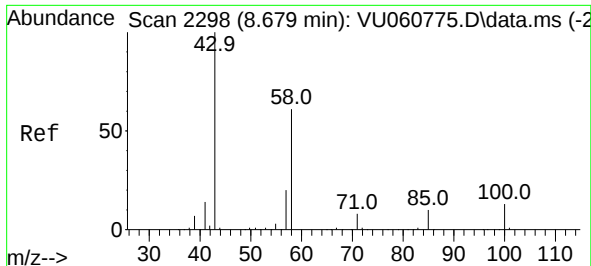
Tgt Ion:	97	Resp:	47111
Ion	Ratio	Lower	Upper
97	100		
99	60.4	42.3	78.5
83	88.1	61.7	114.5
85	56.4	39.5	73.3



#47
Tetrachloroethene
Concen: 4.665 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion:	164	Resp:	50266
Ion	Ratio	Lower	Upper
164	100		
129	96.1	67.3	124.9
131	93.4	65.4	121.4
166	127.8	89.5	166.1



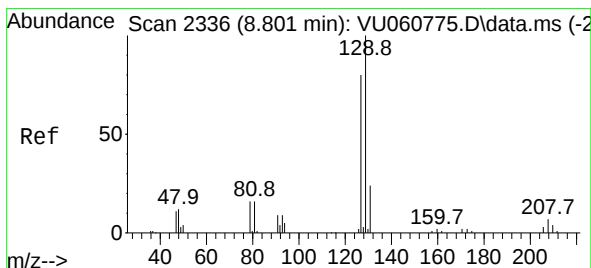
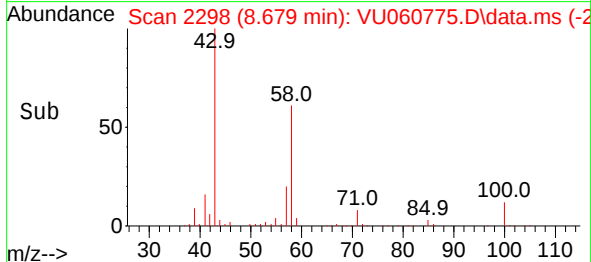
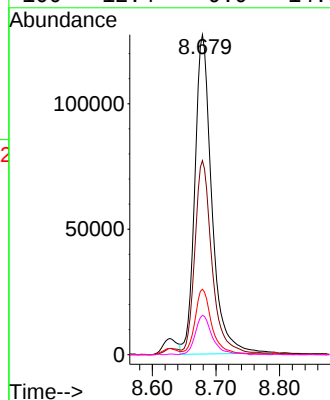
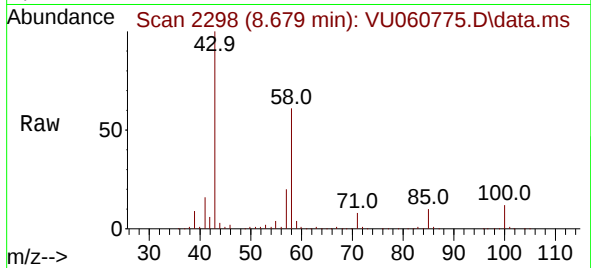


#48
2-Hexanone
Concen: 52.697 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 236414

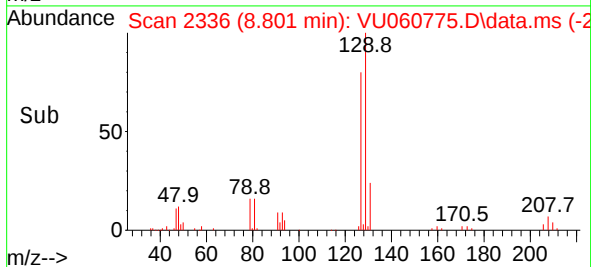
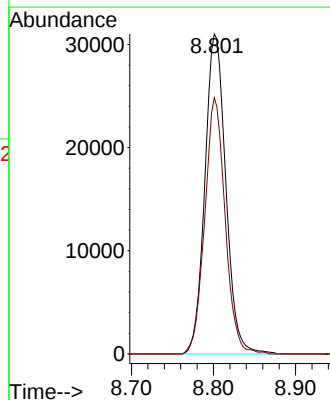
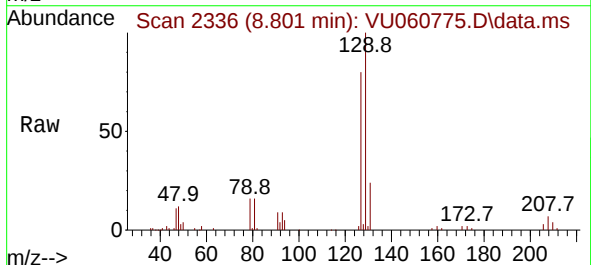
Ion	Ratio	Lower	Upper
43	100		
58	60.4	48.3	72.5
57	19.9	15.9	23.9
100	12.4	9.9	14.9

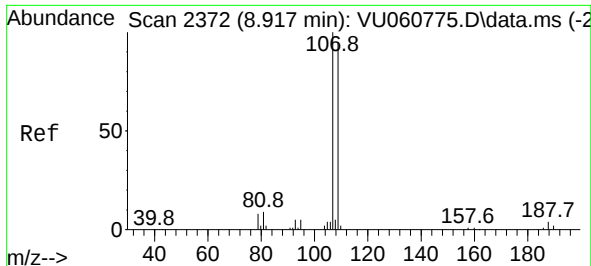


#49
Dibromochloromethane
Concen: 4.982 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 129 Resp: 54892

Ion	Ratio	Lower	Upper
129	100		
127	80.1	56.1	104.1

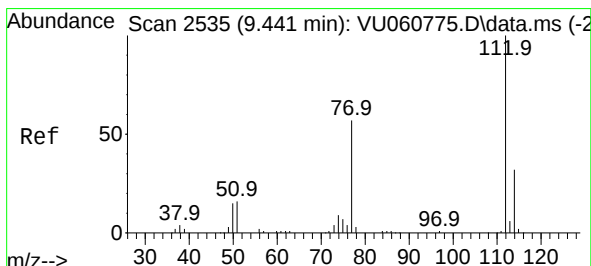
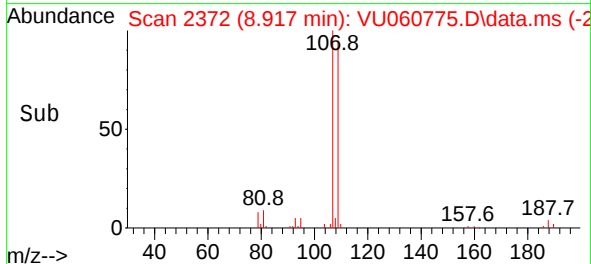
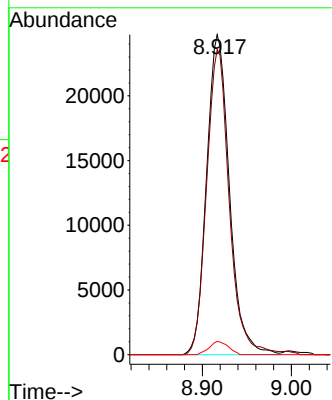
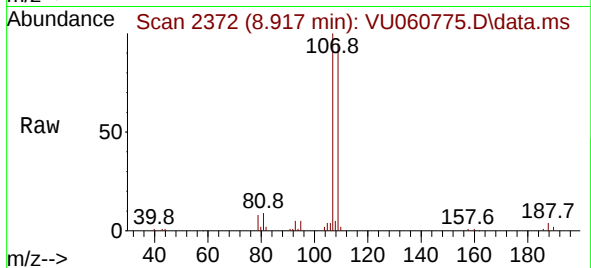




#50
1,2-Dibromoethane
Concen: 4.839 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

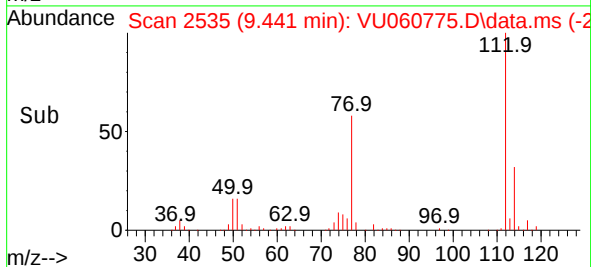
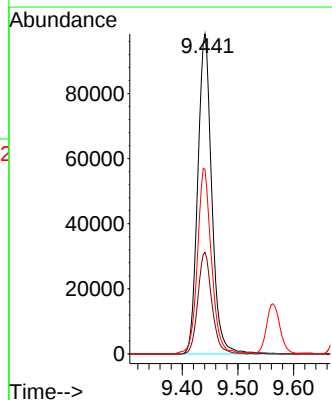
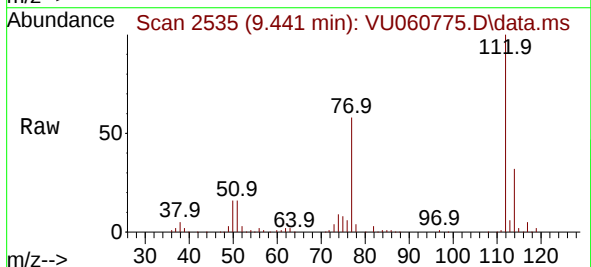
Instrument :
MSVOA_U
ClientSampleId :

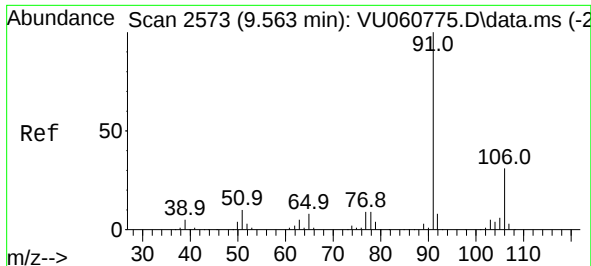
Tgt Ion:107 Resp: 44080
Ion Ratio Lower Upper
107 100
109 95.4 66.8 124.0
188 4.2 3.4 5.0



#51
Chlorobenzene
Concen: 4.945 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion:112 Resp: 171688
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 57.6 46.1 69.1

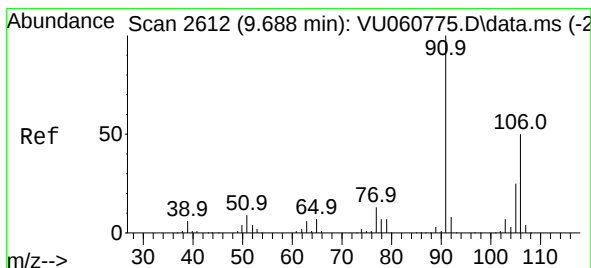
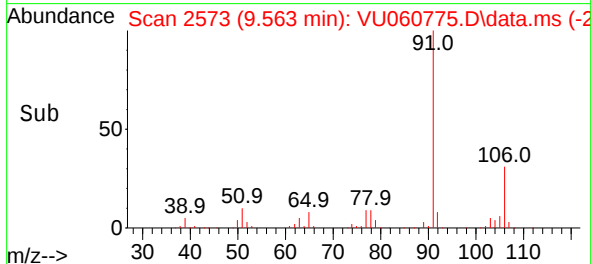
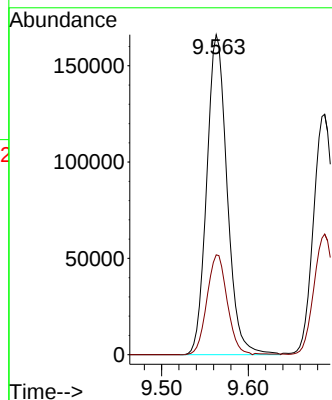
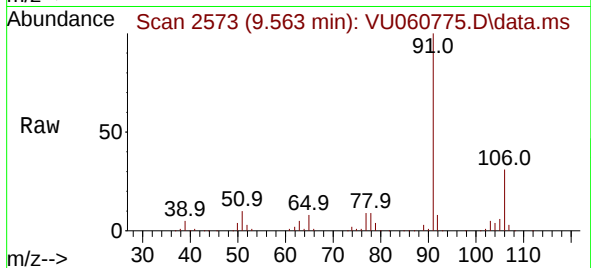




#52
Ethylbenzene
Concen: 4.860 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

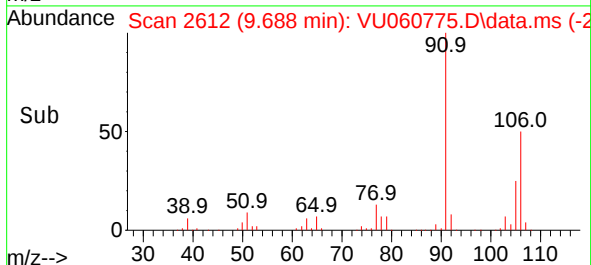
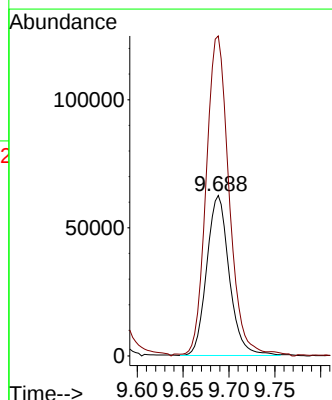
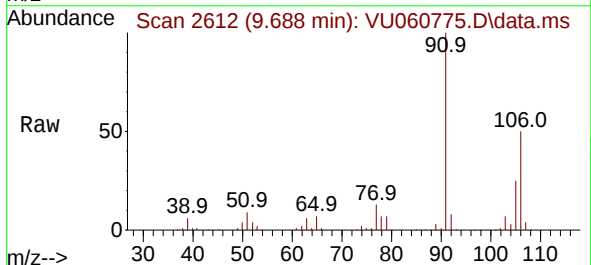
Instrument :
MSVOA_U
ClientSampleId :

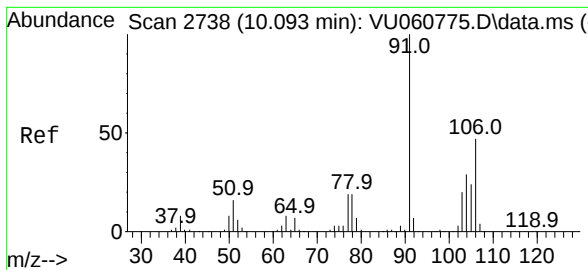
Tgt Ion: 91 Resp: 271707
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 4.961 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion:106 Resp: 106719
Ion Ratio Lower Upper
106 100
91 199.5 139.7 259.4

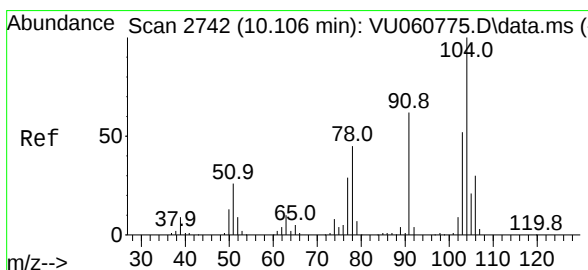
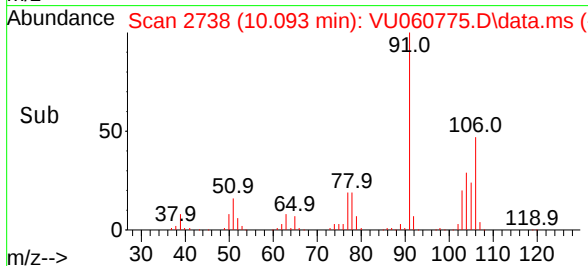
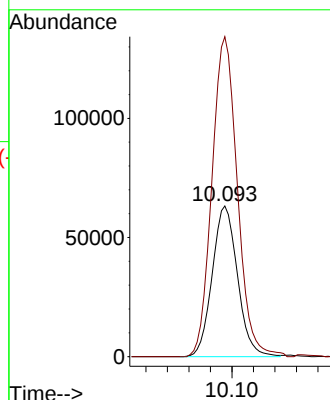
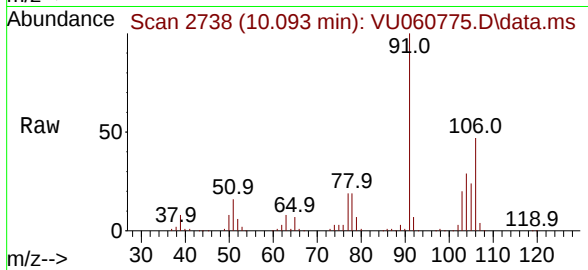




#54
o-Xylene
Concen: 5.034 ug/L
RT: 10.093 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

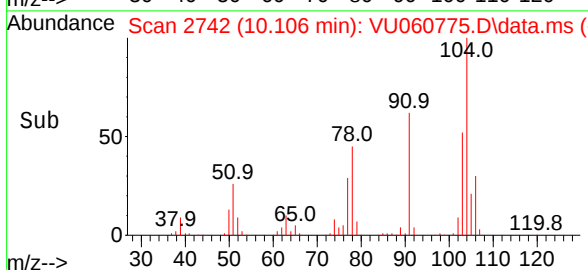
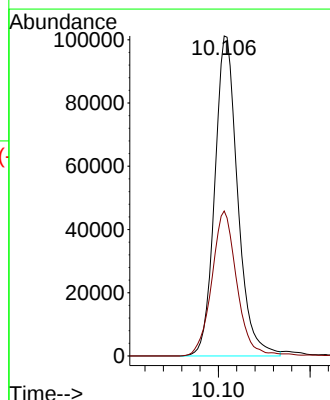
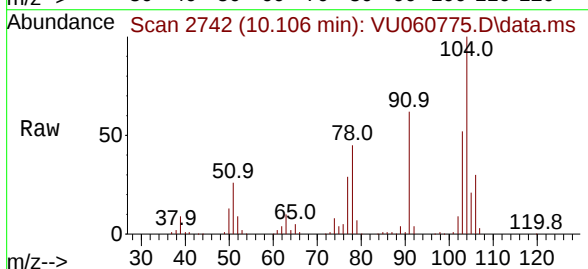
Instrument :
MSVOA_U
ClientSampleId :

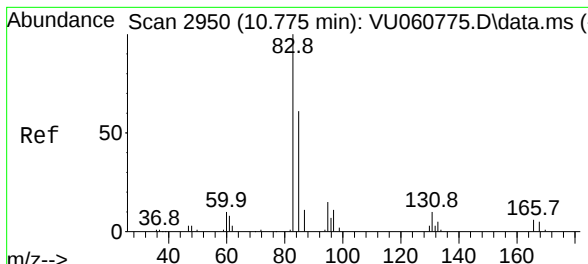
Tgt Ion:106 Resp: 103133
Ion Ratio Lower Upper
106 100
91 212.3 148.6 276.0



#55
Styrene
Concen: 5.078 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion:104 Resp: 175925
Ion Ratio Lower Upper
104 100
78 45.3 31.7 58.9



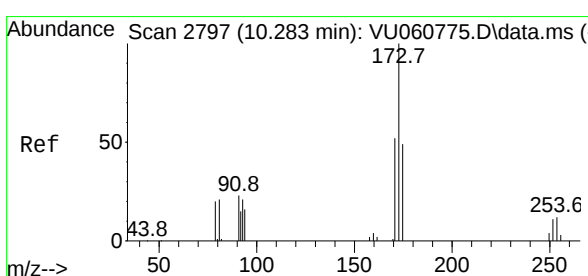
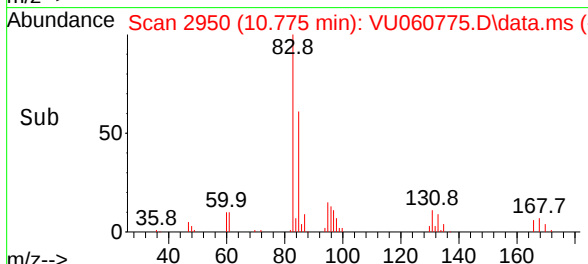
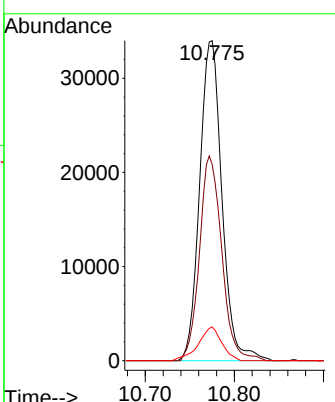
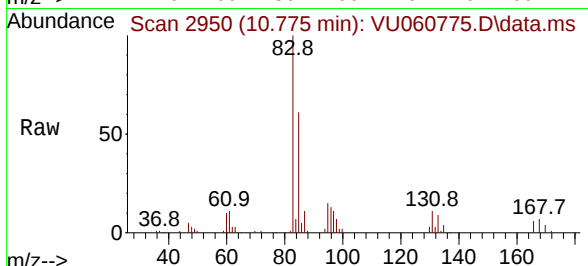


#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.897 ug/L
 RT: 10.775 min Scan# 2950
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 83 Resp: 59055

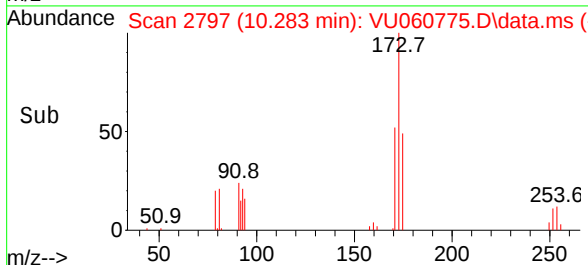
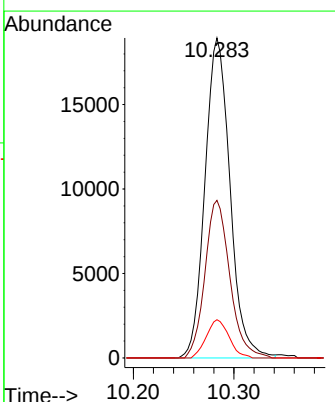
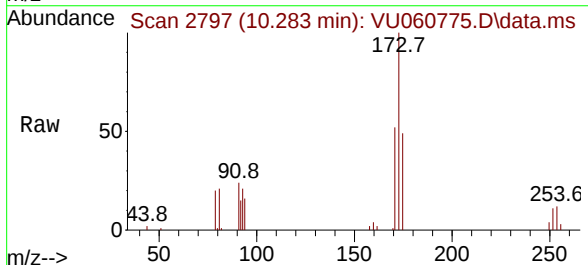
Ion	Ratio	Lower	Upper
83	100		
85	61.3	42.9	79.7
131	10.5	8.4	12.6

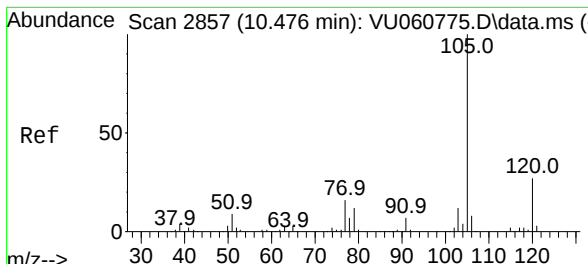


#59
 Bromoform
 Concen: 4.833 ug/L
 RT: 10.283 min Scan# 2797
 Delta R.T. 0.000 min
 Lab File: VU060775.D
 Acq: 16 Sep 2024 11:39

Tgt Ion: 173 Resp: 32766

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.1	58.7
254	10.9	8.7	13.1

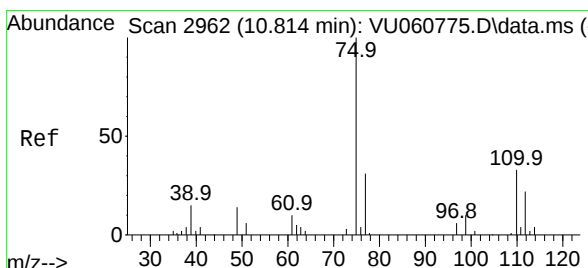
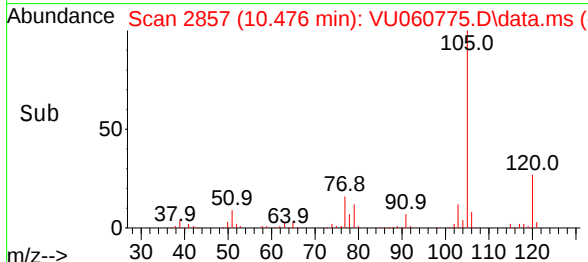
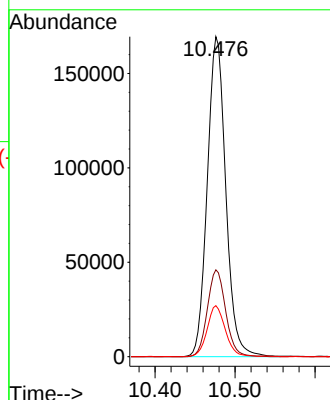
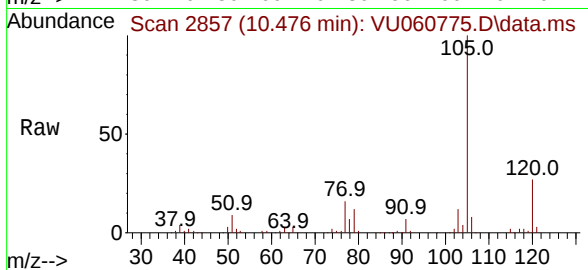




#60
Isopropylbenzene
Concen: 5.003 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

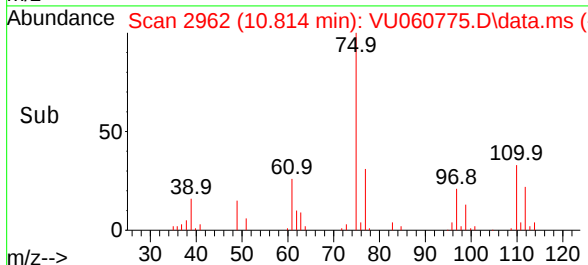
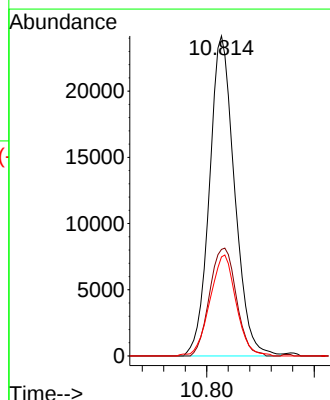
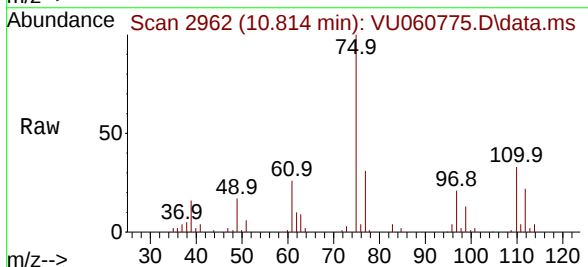
Instrument :
MSVOA_U
ClientSampleId :

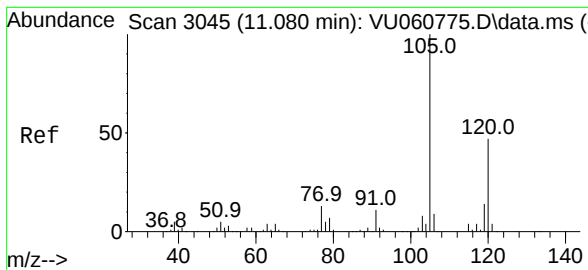
Tgt Ion:105 Resp: 273035
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.820 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion: 75 Resp: 39200
Ion Ratio Lower Upper
75 100
110 35.8 28.6 43.0
77 32.9 26.3 39.5

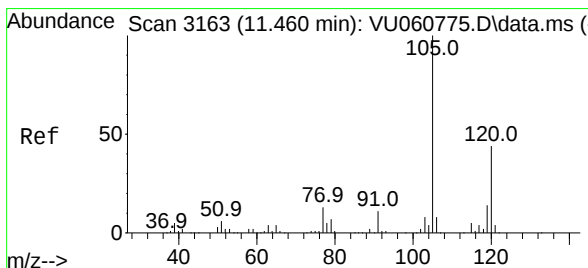
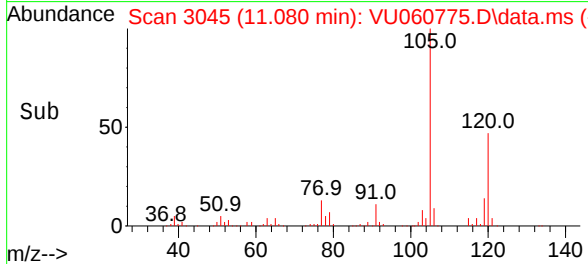
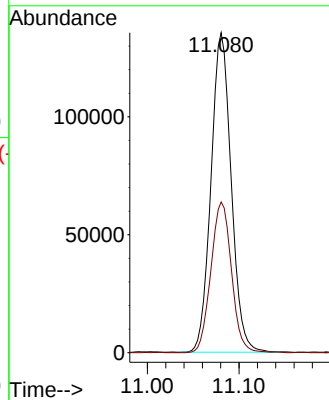
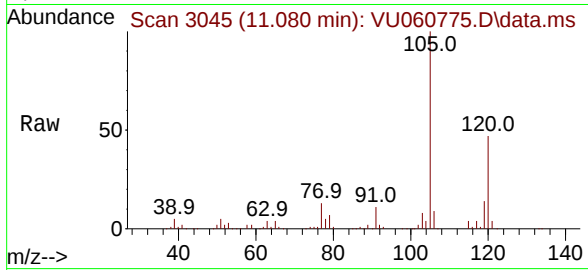




#62
1,3,5-Trimethylbenzene
Concen: 4.826 ug/L
RT: 11.080 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

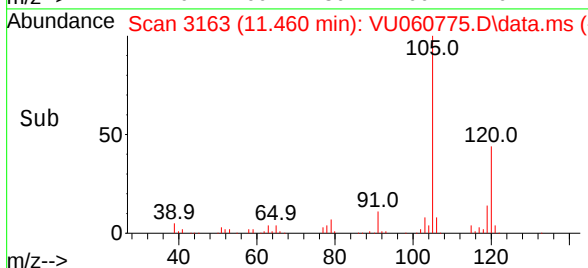
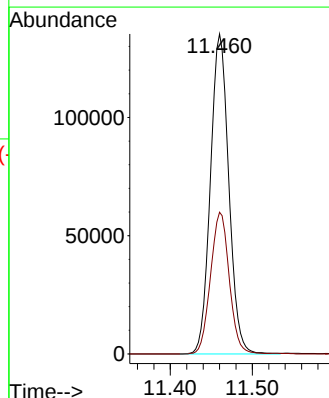
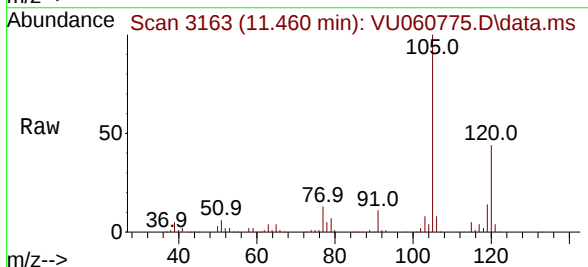
Instrument :
MSVOA_U
ClientSampleId :

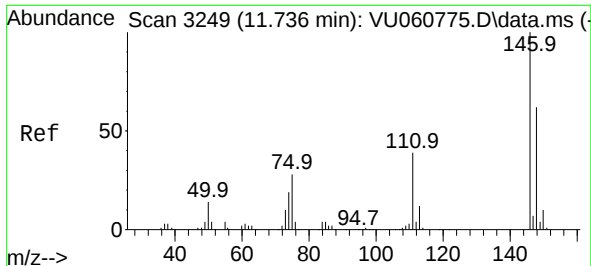
Tgt Ion:105 Resp: 207336
Ion Ratio Lower Upper
105 100
120 48.1 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.099 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060775.D
Acq: 16 Sep 2024 11:39

Tgt Ion:105 Resp: 210849
Ion Ratio Lower Upper
105 100
120 45.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 4.932 ug/L

RT: 11.736 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

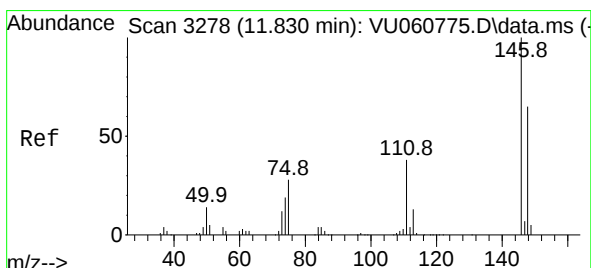
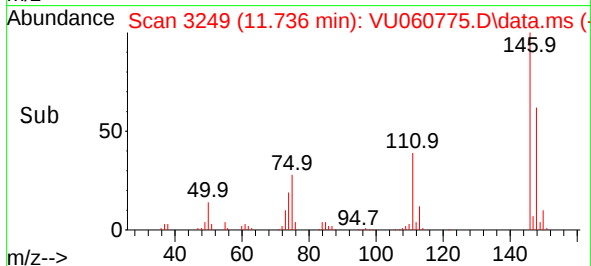
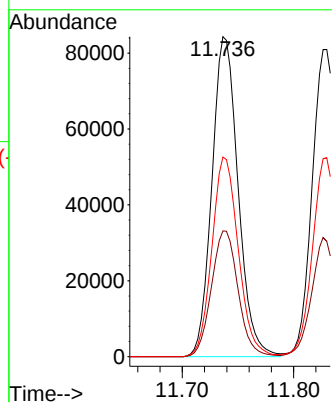
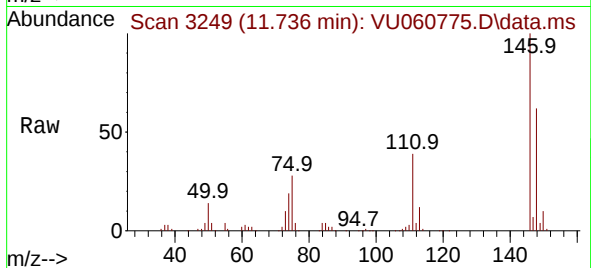
Tgt Ion:146 Resp: 137738

Ion Ratio Lower Upper

146 100

111 39.3 27.5 51.1

148 62.4 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 4.760 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

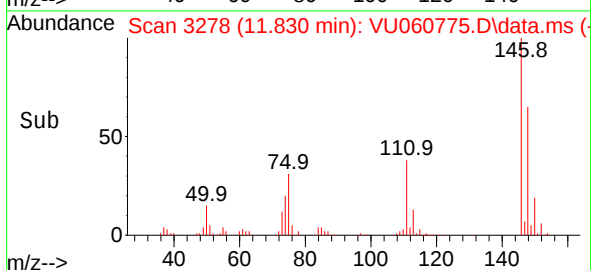
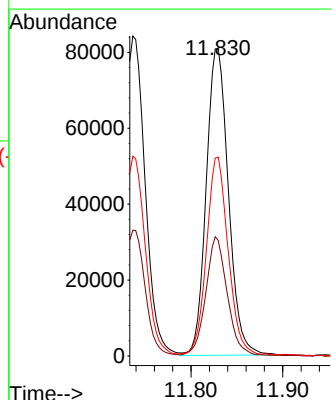
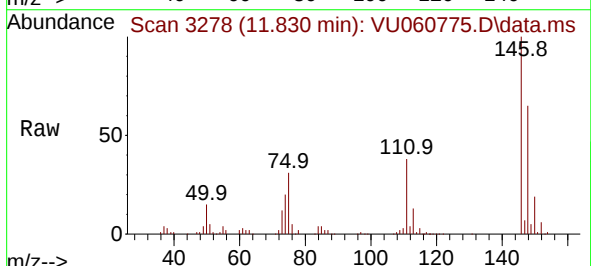
Tgt Ion:146 Resp: 136025

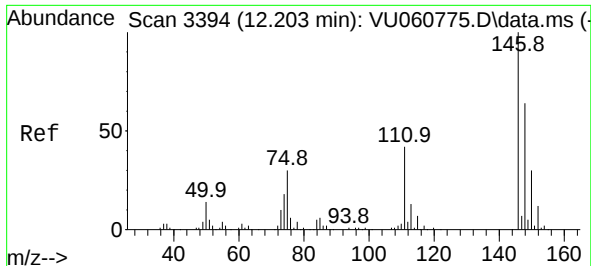
Ion Ratio Lower Upper

146 100

111 37.6 26.3 48.9

148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.908 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

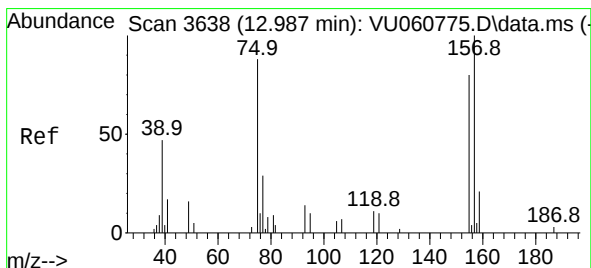
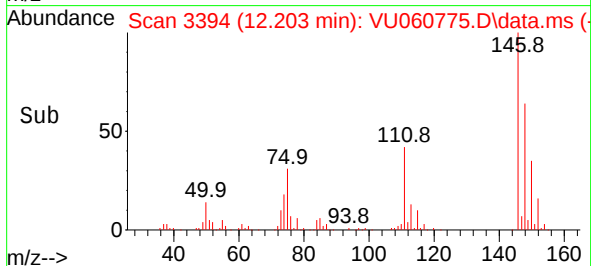
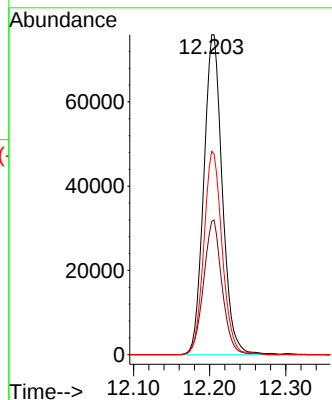
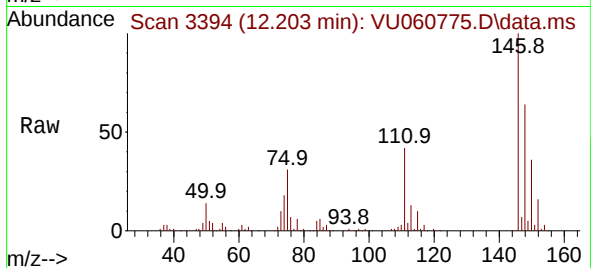
Tgt Ion:146 Resp: 128662

Ion Ratio Lower Upper

146 100

111 41.7 33.4 50.0

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.073 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

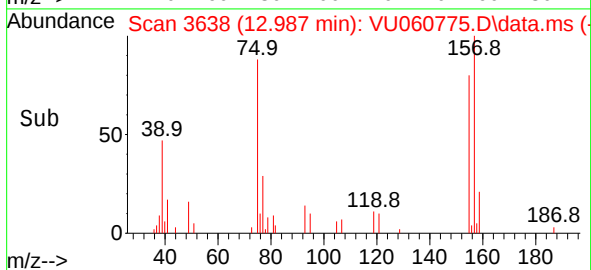
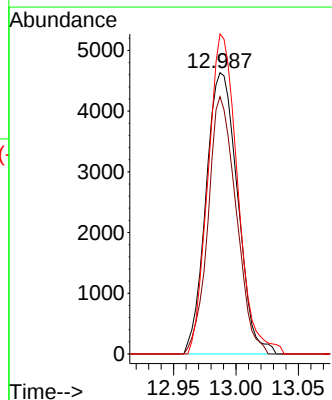
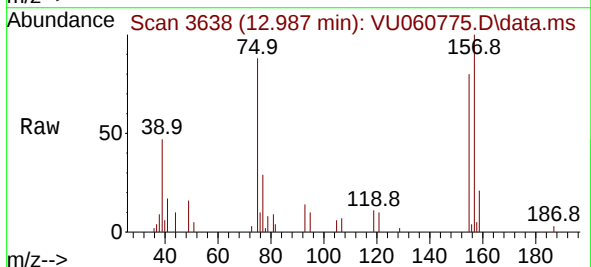
Tgt Ion: 75 Resp: 8162

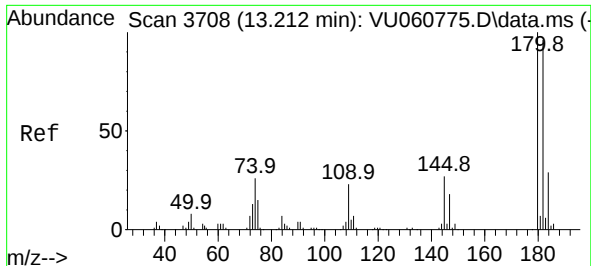
Ion Ratio Lower Upper

75 100

155 91.4 73.1 109.7

157 113.7 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 4.815 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

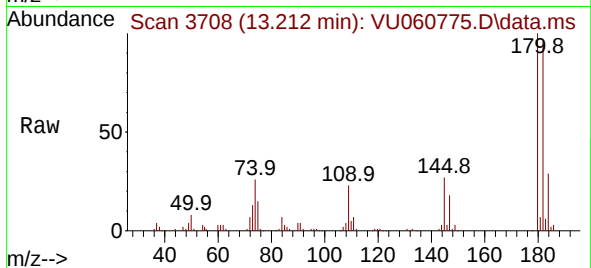
Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 99450

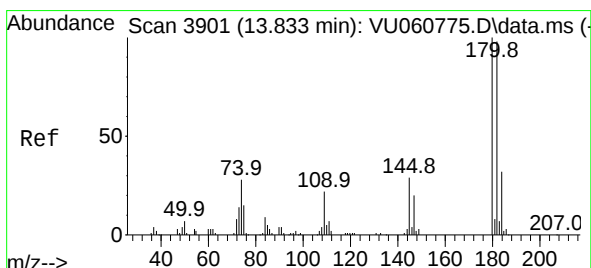
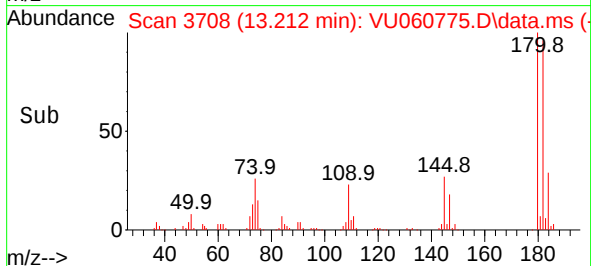
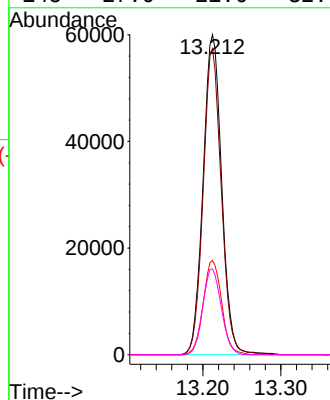
Ion Ratio Lower Upper

180 100

182 93.1 74.5 111.7

184 29.0 23.2 34.8

145 27.0 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 4.366 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

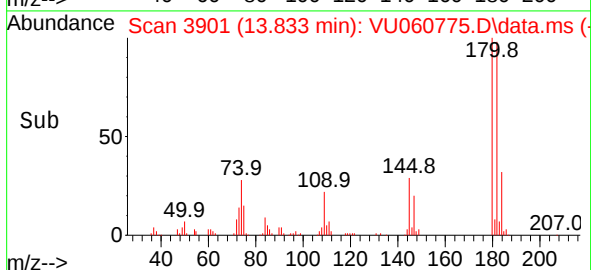
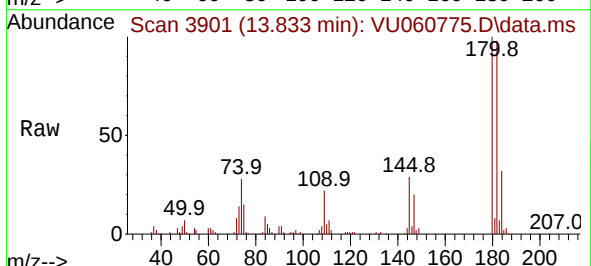
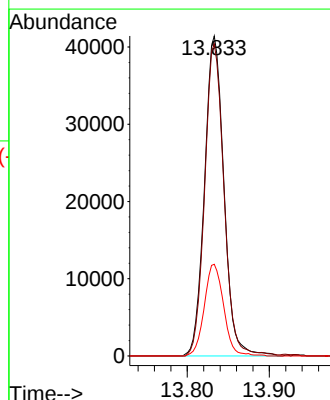
Tgt Ion:180 Resp: 68079

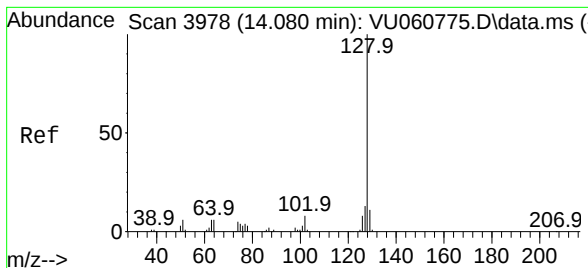
Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

145 28.6 22.9 34.3





#71

Naphthalene

Concen: 3.773 ug/L

RT: 14.080 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :

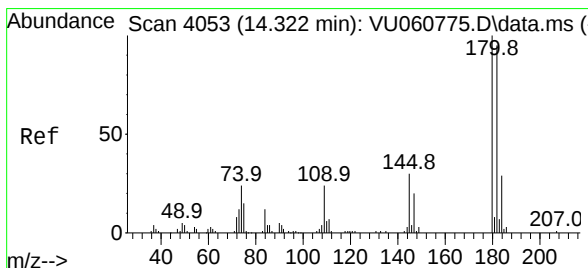
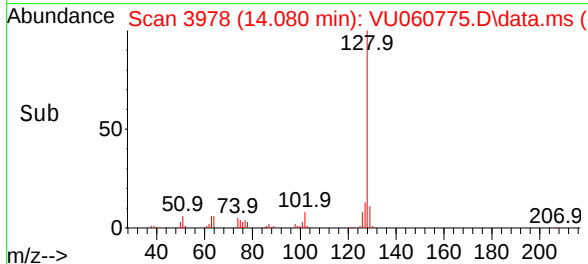
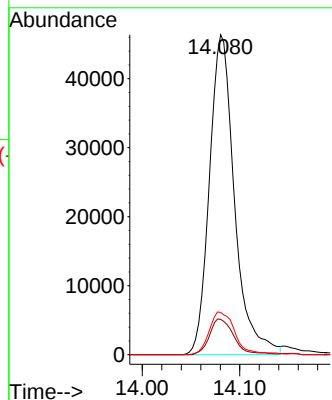
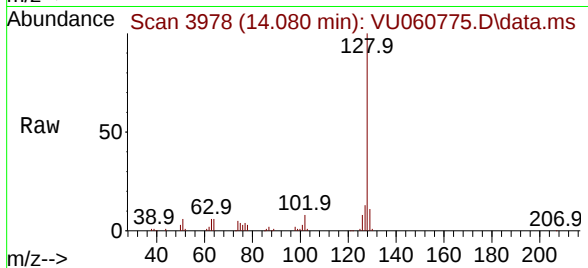
Tgt Ion:128 Resp: 82978

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 13.8 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.215 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU060775.D

Acq: 16 Sep 2024 11:39

Tgt Ion:180 Resp: 60611

Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

145 29.4 23.5 35.3

