

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060778.D
 Acq On : 16 Sep 2024 13:16
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:41:18 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	6.242	114	177176	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	73869	4.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.911	69	56533	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	28306	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.634	46	133266	52.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.180%
24) Chloroform-d	5.055	84	119761	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.695	65	57770	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	241403	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.682	67	73740	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.891	98	228541	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.174	79	28753	5.373	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.400%
46) 2-Hexanone-d5	8.627	63	116783	55.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.640%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	60407	5.186	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	77684	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	66385	4.964	ug/L	98
3) Chloromethane	1.518	50	67173	4.755	ug/L	99
5) Vinyl chloride	1.602	62	74286	4.858	ug/L	97
6) Bromomethane	1.856	94	45811	4.688	ug/L	95
8) Chloroethane	1.933	64	44775	4.793	ug/L	99
9) Trichlorofluoromethane	2.136	101	100783	4.799	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59017	4.836	ug/L	98
12) 1,1-Dichloroethene	2.576	96	54661	4.905	ug/L	93
13) Acetone	2.653	43	80505	47.168	ug/L	98
14) Carbon disulfide	2.788	76	150599	4.871	ug/L	100
15) Methyl Acetate	2.962	43	21065	5.062	ug/L	96
16) Methylene chloride	3.039	84	65536	5.078	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	129046	5.123	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	55482	4.804	ug/L	96
19) 1,1-Dichloroethane	3.862	63	112247	4.841	ug/L	99
21) 2-Butanone	4.711	43	139184	50.096	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	62614	4.899	ug/L	100
23) Bromochloromethane	4.965	128	30370	5.031	ug/L	95
25) Chloroform	5.081	83	115789	4.789	ug/L	100

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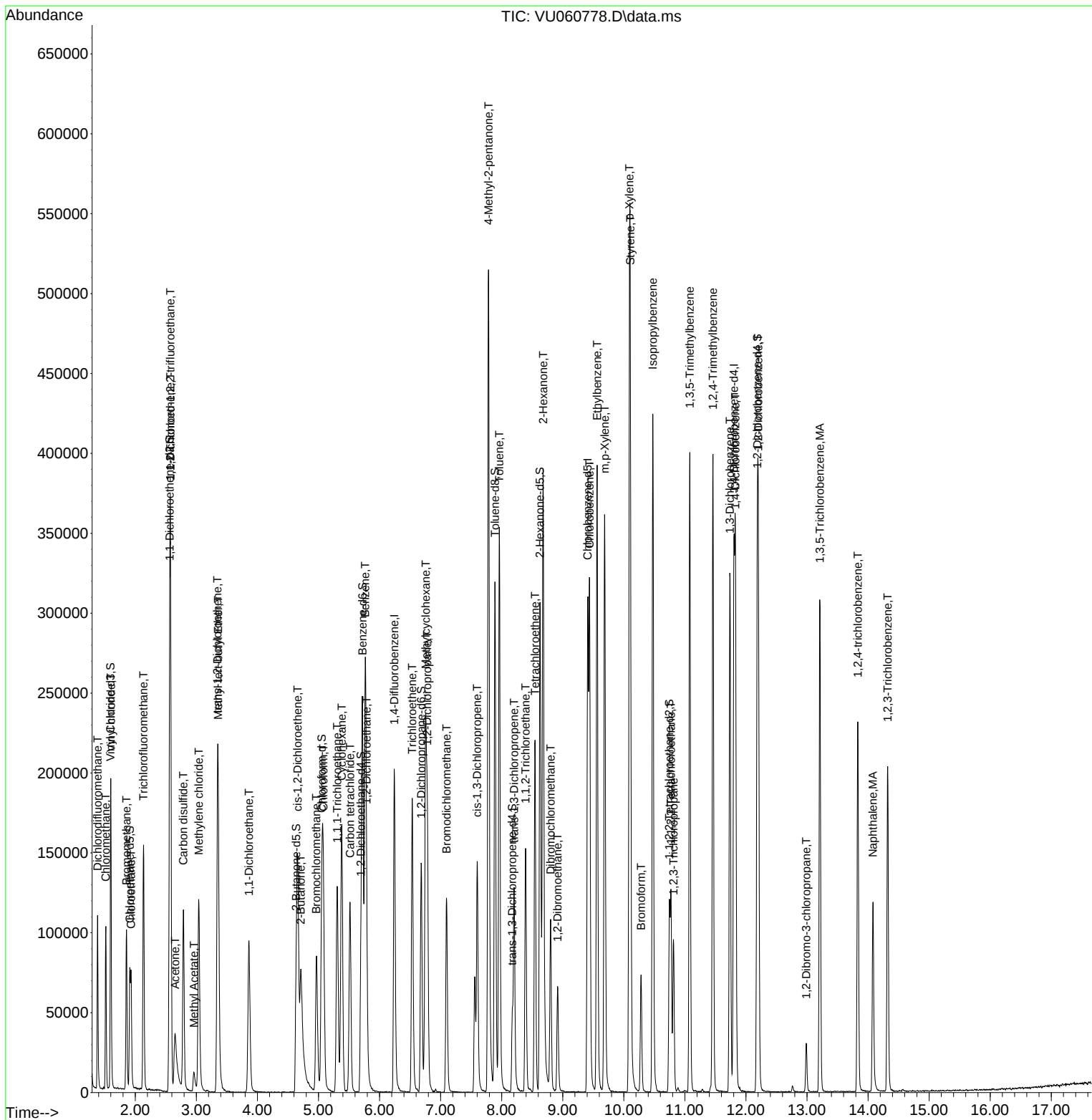
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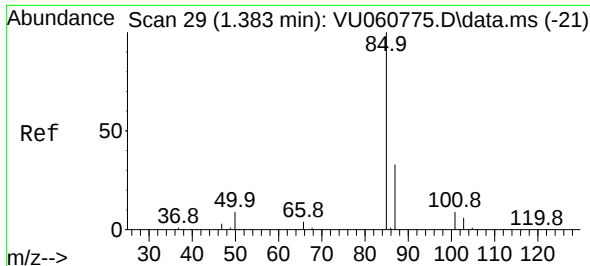
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:33:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	66722	4.763	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	96213	4.971	ug/L	98
30) Cyclohexane	5.380	56	79604	5.004	ug/L	100
31) Carbon tetrachloride	5.518	117	85827	5.009	ug/L	99
33) Benzene	5.766	78	252788	5.128	ug/L	100
34) Trichloroethene	6.537	95	65769	5.090	ug/L	96
35) Methylcyclohexane	6.756	83	89470	5.046	ug/L	98
37) 1,2-Dichloropropane	6.782	63	70359	5.180	ug/L #	97
38) Bromodichloromethane	7.097	83	84259	5.057	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	97301	5.386	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	345138	54.412	ug/L	99
42) Toluene	7.962	91	273259	5.302	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	78498	5.284	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	49426	5.040	ug/L	98
47) Tetrachloroethene	8.547	164	52777	5.139	ug/L	96
48) 2-Hexanone	8.679	43	262502	56.776	ug/L	98
49) Dibromochloromethane	8.801	129	56344	5.047	ug/L	97
50) 1,2-Dibromoethane	8.917	107	45743	5.227	ug/L	96
51) Chlorobenzene	9.441	112	176720	5.106	ug/L	98
52) Ethylbenzene	9.563	91	279179	5.145	ug/L	99
53) m,p-Xylene	9.688	106	109360	5.316	ug/L	99
54) o-Xylene	10.094	106	106796	5.260	ug/L	98
55) Styrene	10.106	104	183762	5.370	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	61171	5.001	ug/L	97
59) Bromoform	10.283	173	35285	5.163	ug/L	96
60) Isopropylbenzene	10.476	105	280430	5.218	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	43648	5.160	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	211890	5.073	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	215076	5.211	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	142372	5.268	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	142653	5.107	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	129983	5.087	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	9317	5.641	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.212	180	103278	5.109	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	78234	5.494	ug/L	98
71) Naphthalene	14.081	128	104537	5.566	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	68286	5.551	ug/L	98

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

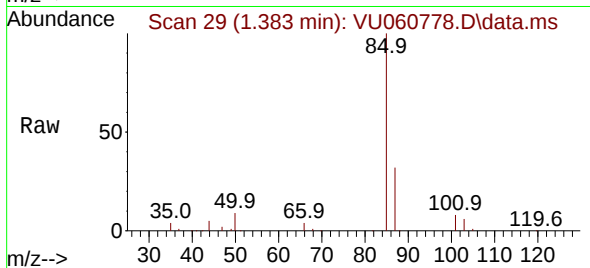
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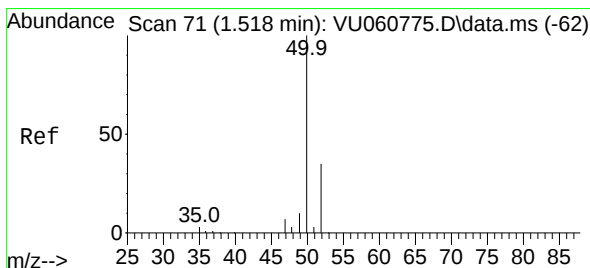
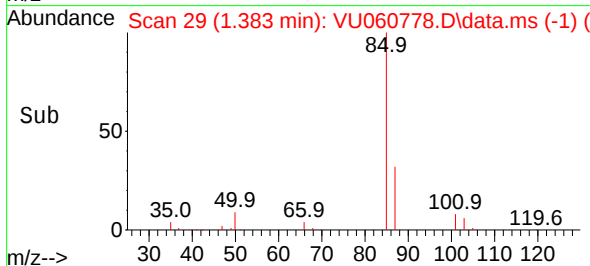
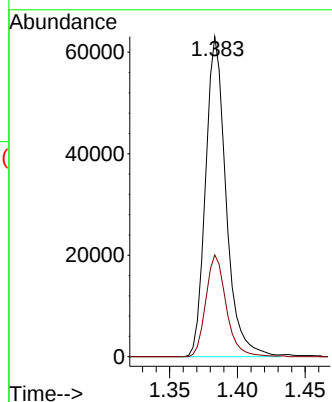


#2
 Dichlorodifluoromethane
 Concen: 4.964 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16

Instrument :
 MSVOA_U
 ClientSampleId :

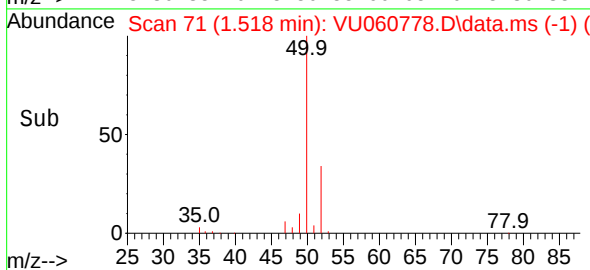
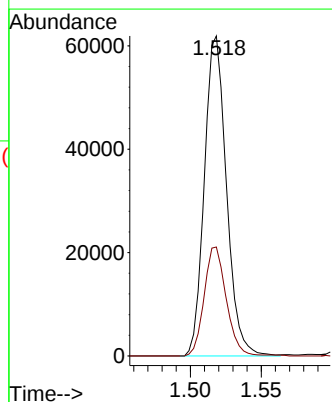
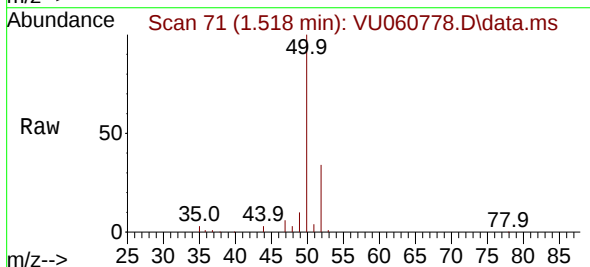


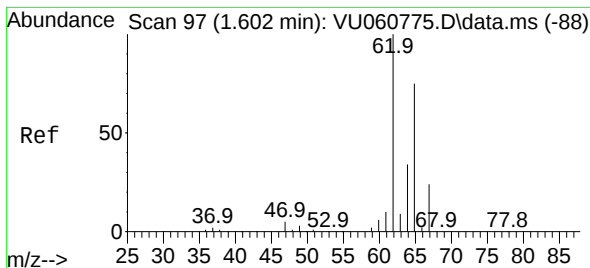
Tgt Ion: 85 Resp: 66385
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.2 39.2



#3
 Chloromethane
 Concen: 4.755 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16

Tgt Ion: 50 Resp: 67173
 Ion Ratio Lower Upper
 50 100
 52 34.0 24.4 45.4





#5

Vinyl chloride

Concen: 4.858 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

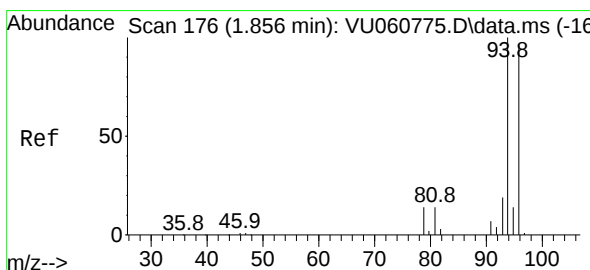
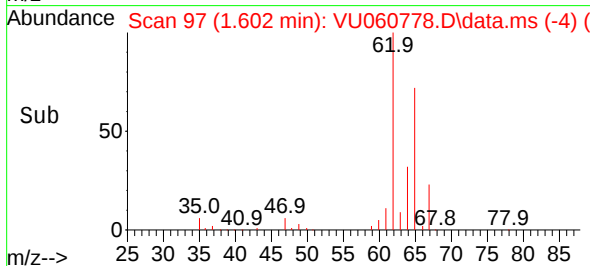
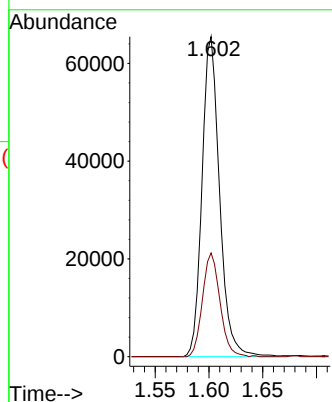
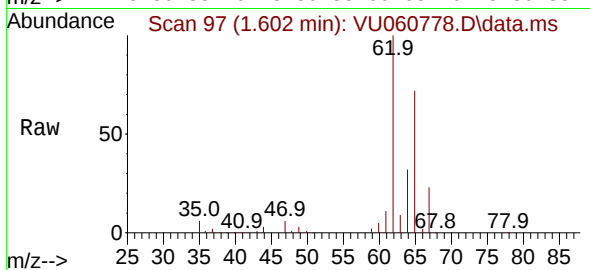
ClientSampleId :

Tgt Ion: 62 Resp: 74286

Ion Ratio Lower Upper

62 100

64 32.4 24.0 44.6



#6

Bromomethane

Concen: 4.688 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060778.D

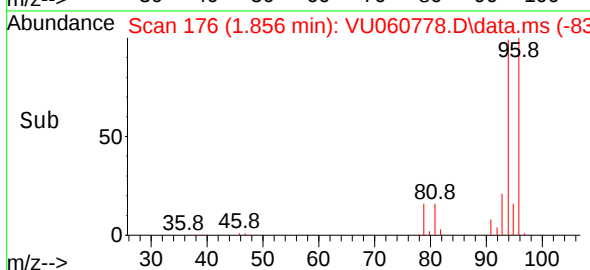
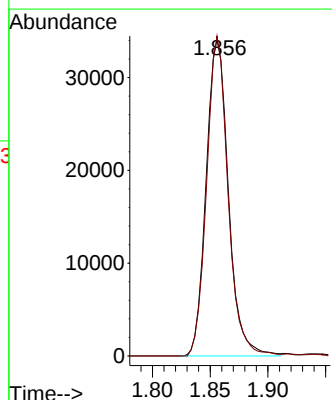
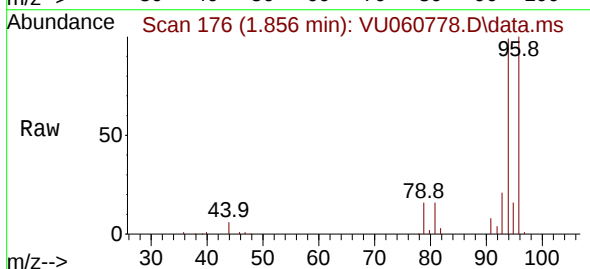
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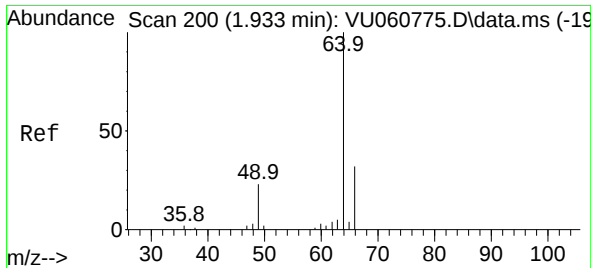
Tgt Ion: 94 Resp: 45811

Ion Ratio Lower Upper

94 100

96 101.3 67.3 124.9

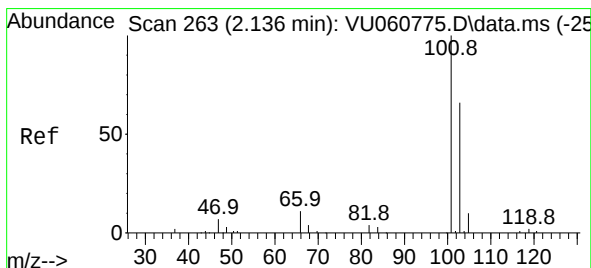
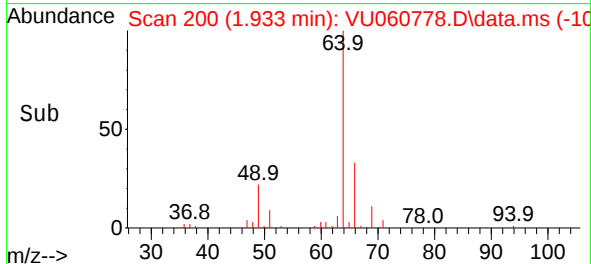
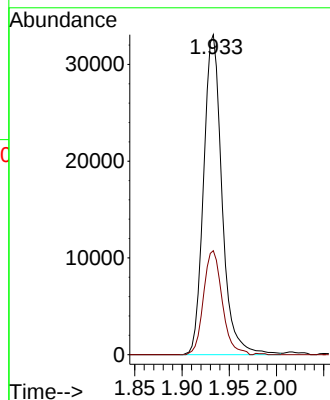
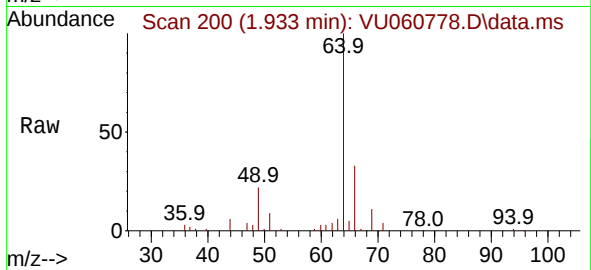




#8
Chloroethane
Concen: 4.793 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

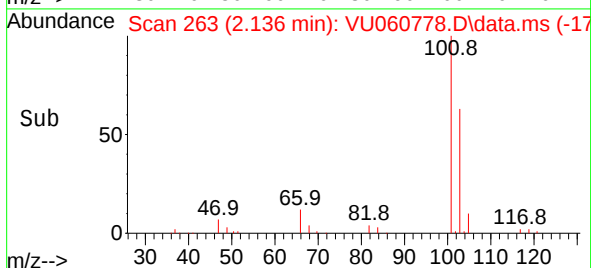
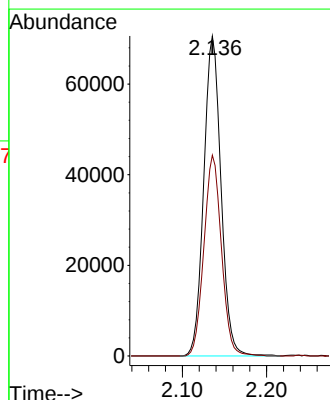
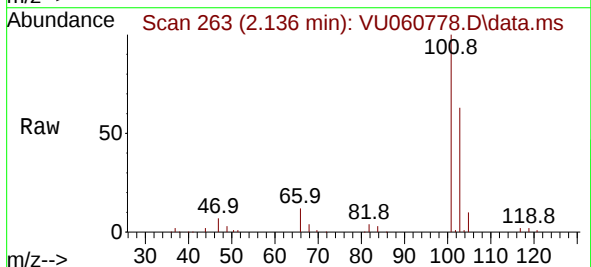
Instrument :
MSVOA_U
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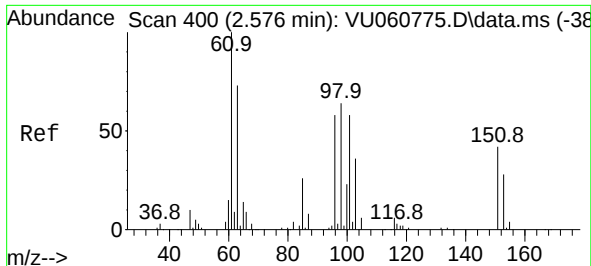
Tgt Ion: 64 Resp: 44775
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.799 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion:101 Resp: 100783
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.2

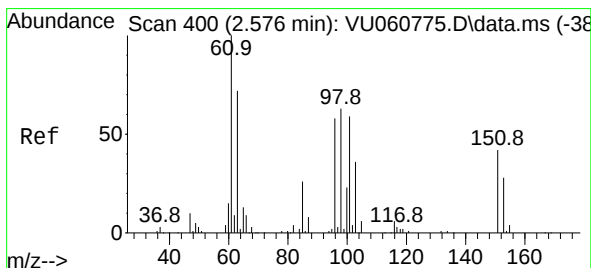
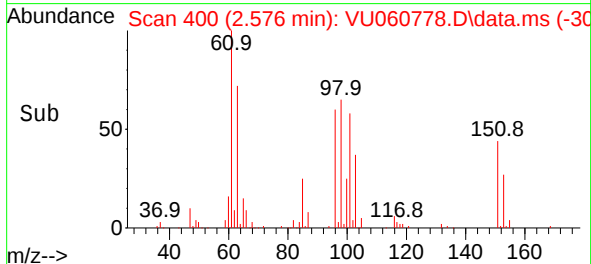
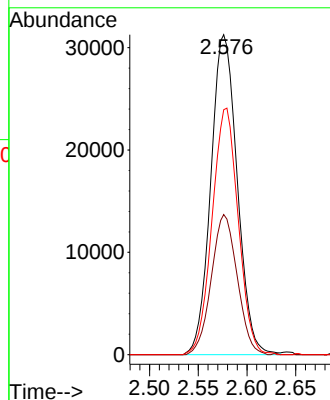
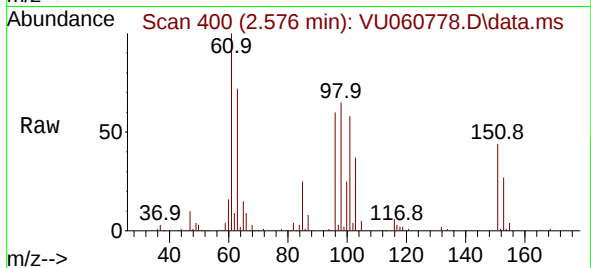




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.836 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16

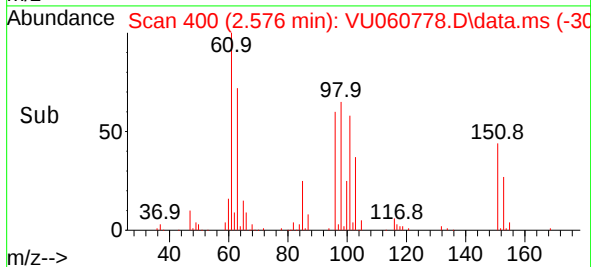
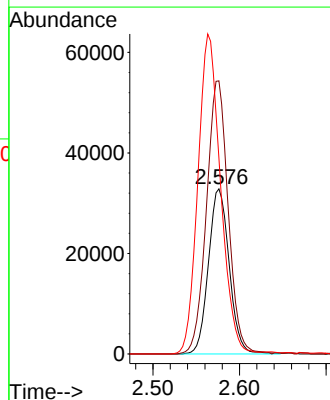
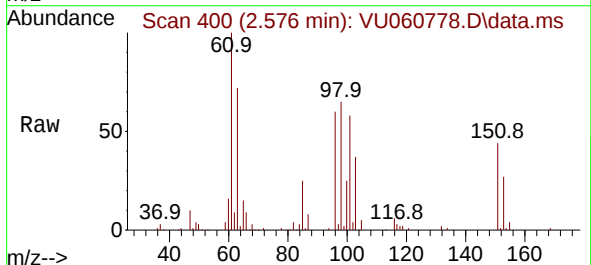
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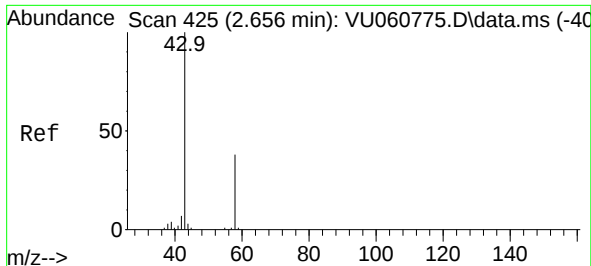
Tgt Ion:101 Resp: 59017
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.4
 151 76.2 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 4.905 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16

Tgt Ion: 96 Resp: 54661
 Ion Ratio Lower Upper
 96 100
 61 165.3 120.7 224.1
 63 118.5 90.0 167.2





#13

Acetone

Concen: 47.168 ug/L

RT: 2.653 min Scan# 41

Delta R.T. -0.003 min

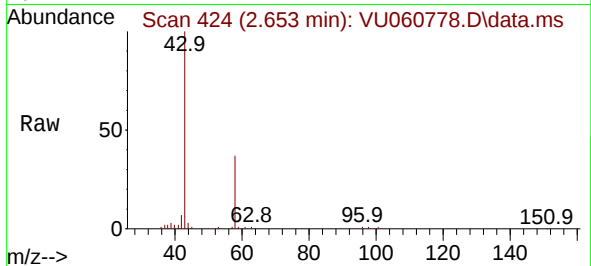
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Instrument :

MSVOA_U

ClientSampleId :

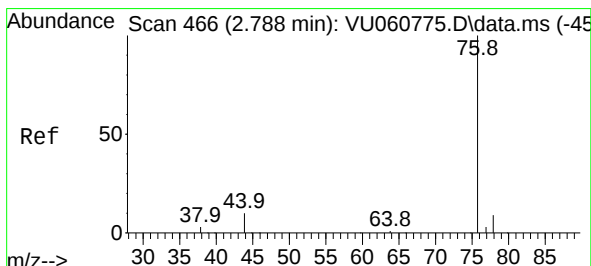
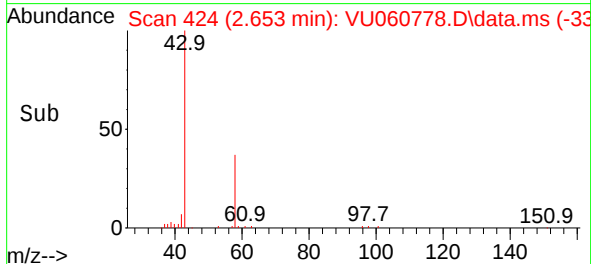
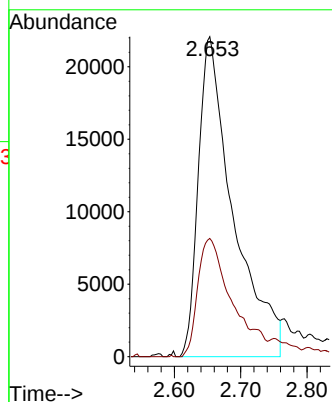


Tgt Ion: 43 Resp: 80505

Ion Ratio Lower Upper

43 100

58 33.7 0.0 69.6



#14

Carbon disulfide

Concen: 4.871 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060778.D

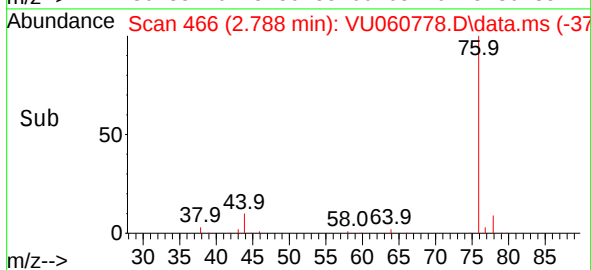
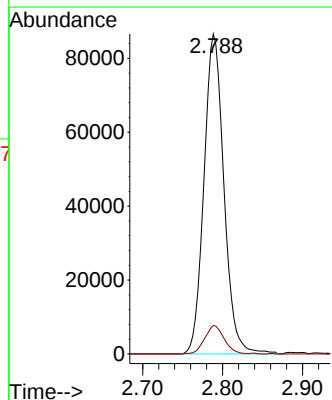
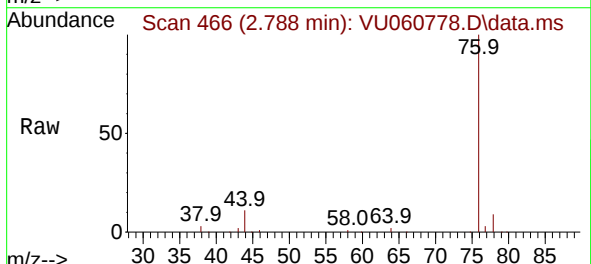
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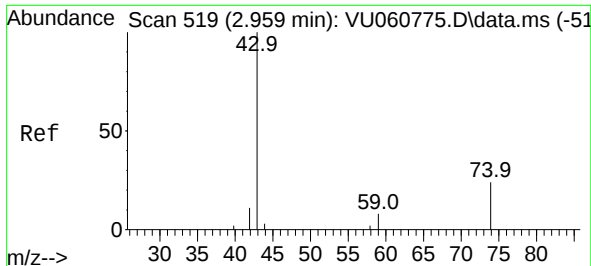
Tgt Ion: 76 Resp: 150599

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 5.062 ug/L

RT: 2.962 min Scan# 519

Delta R.T. 0.003 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

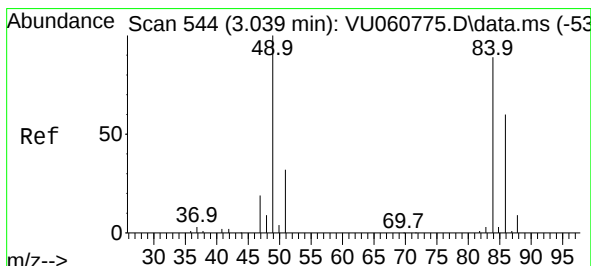
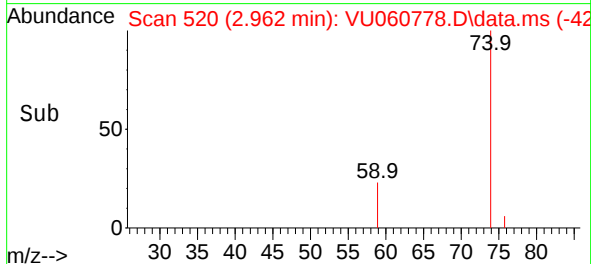
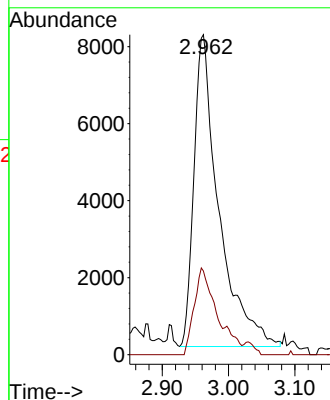
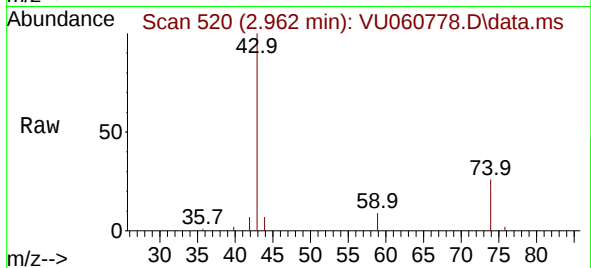
ClientSampleId :

Tgt Ion: 43 Resp: 21065

Ion Ratio Lower Upper

43 100

74 25.8 18.9 28.3



#16

Methylene chloride

Concen: 5.078 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

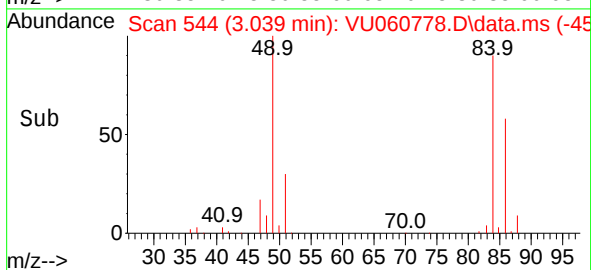
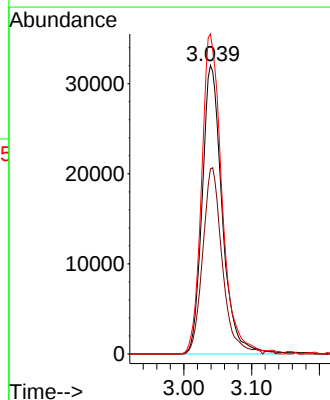
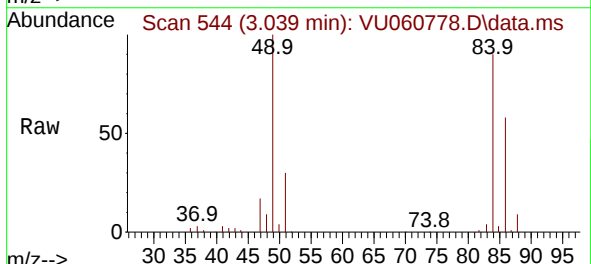
Tgt Ion: 84 Resp: 65536

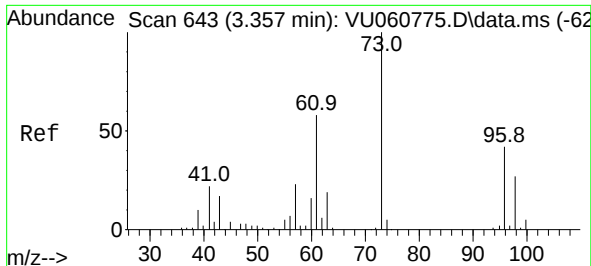
Ion Ratio Lower Upper

84 100

86 64.1 47.3 87.8

49 110.9 78.7 146.1

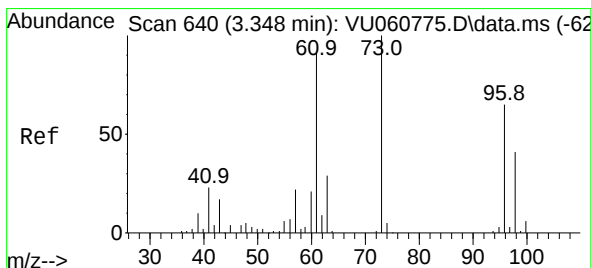
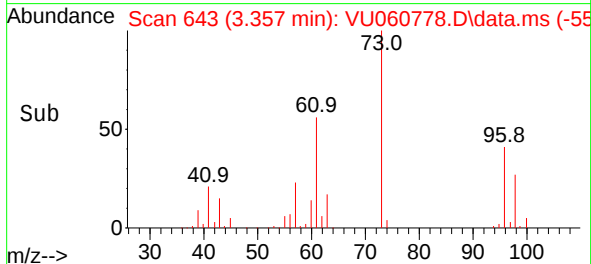
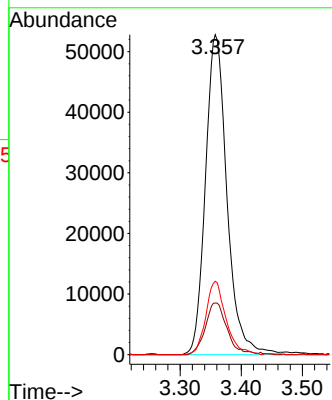
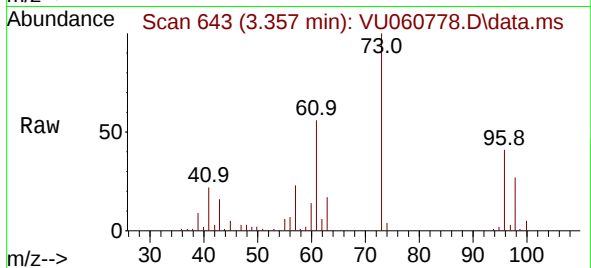




#17
Methyl tert-butyl Ether
Concen: 5.123 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

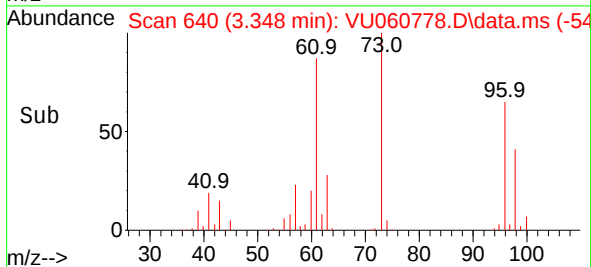
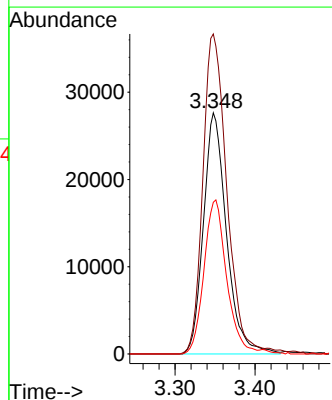
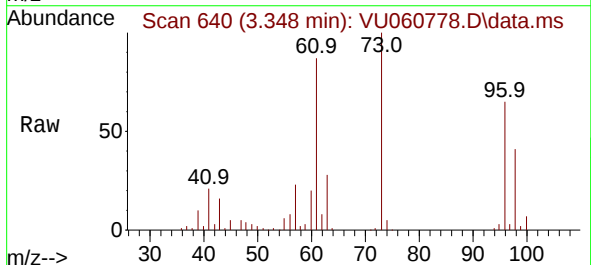
Instrument :
MSVOA_U
ClientSampleId :

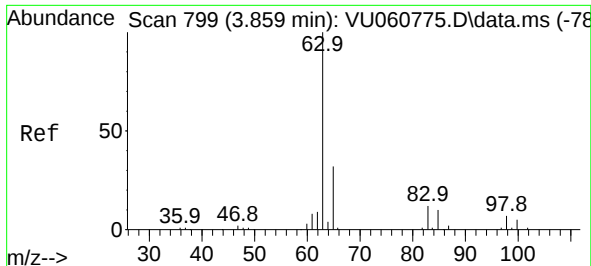
Tgt Ion: 73 Resp: 129046
Ion Ratio Lower Upper
73 100
43 16.3 13.8 20.8
57 21.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.804 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion: 96 Resp: 55482
Ion Ratio Lower Upper
96 100
61 132.7 97.2 180.6
98 62.9 43.3 80.5

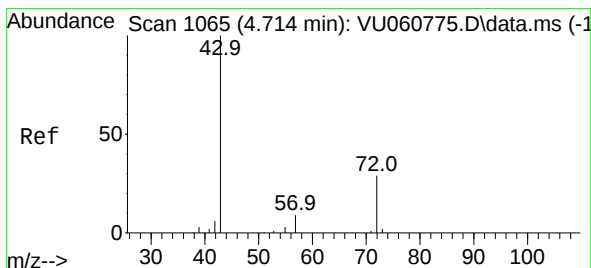
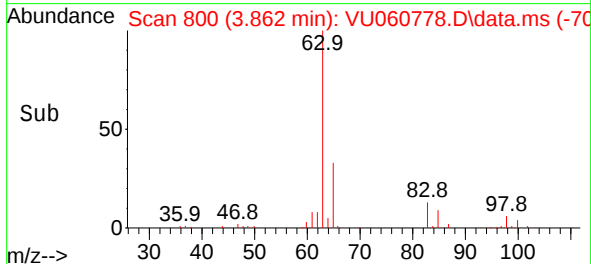
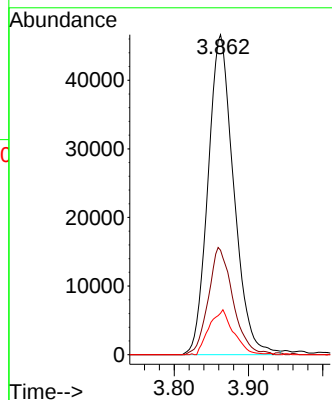
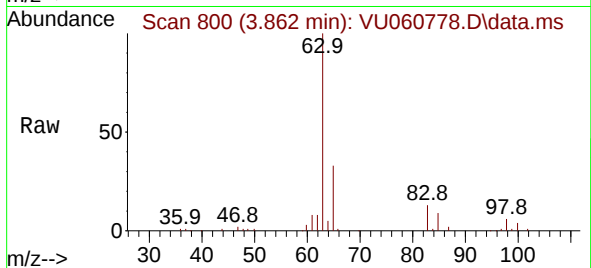




#19
1,1-Dichloroethane
Concen: 4.841 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

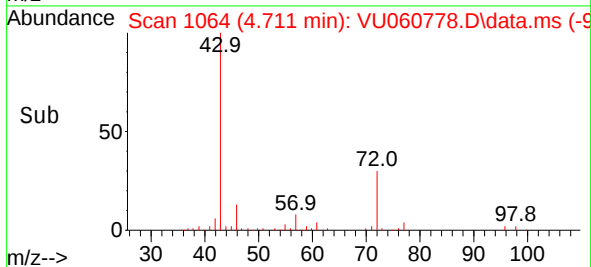
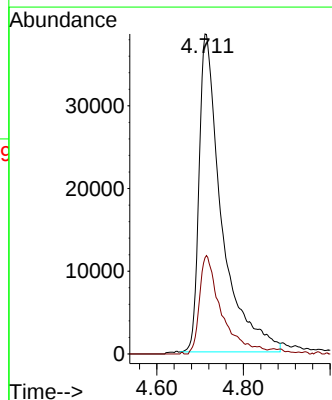
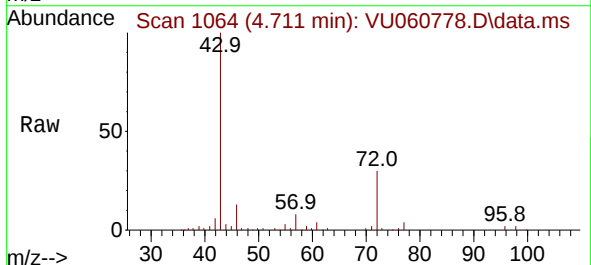
Instrument :
MSVOA_U
ClientSampleId :

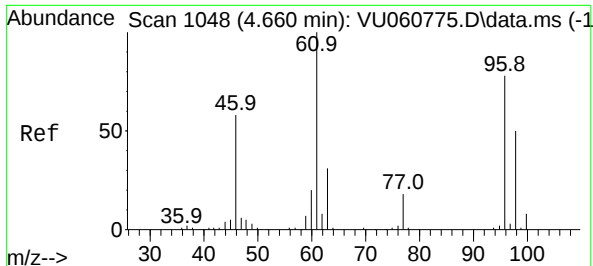
Tgt Ion: 63 Resp: 112247
Ion Ratio Lower Upper
63 100
65 33.4 23.0 42.8
83 13.0 9.0 16.6



#21
2-Butanone
Concen: 50.096 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion: 43 Resp: 139184
Ion Ratio Lower Upper
43 100
72 28.3 14.8 44.3

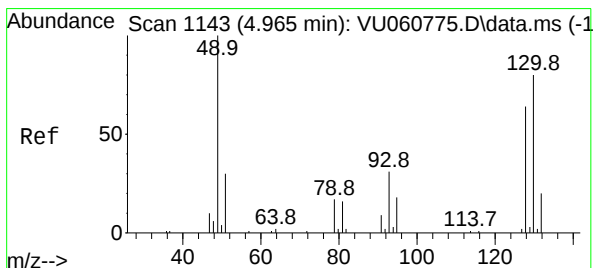
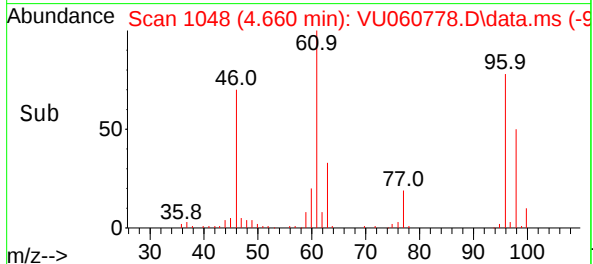
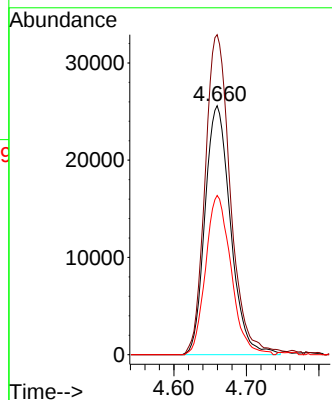
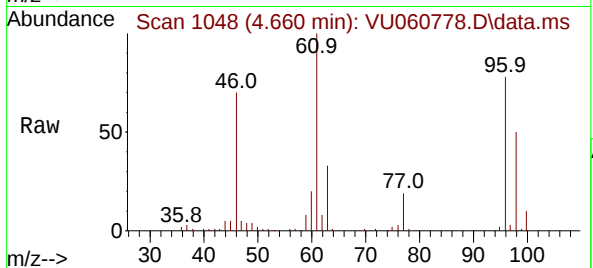




#22
 cis-1,2-Dichloroethene
 Concen: 4.899 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16

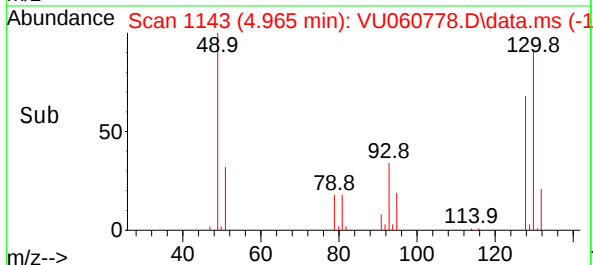
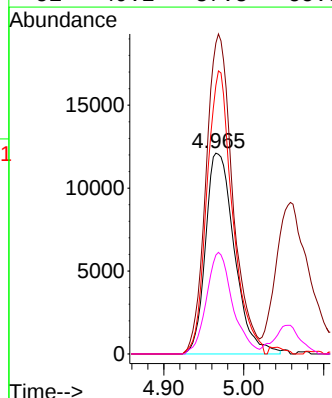
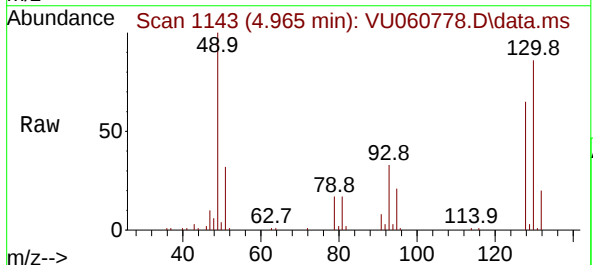
Instrument :
 MSVOA_U
 ClientSampleId :

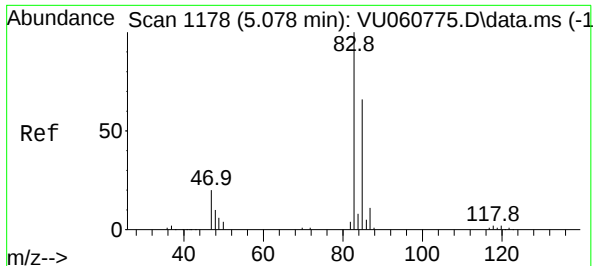
Tgt Ion: 96 Resp: 62614
 Ion Ratio Lower Upper
 96 100
 61 128.6 89.7 166.5
 98 64.0 45.1 83.9



#23
 Bromochloromethane
 Concen: 5.031 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16

Tgt Ion: 128 Resp: 30370
 Ion Ratio Lower Upper
 128 100
 49 161.1 109.6 203.6
 130 133.8 87.8 163.0
 51 49.2 37.3 55.9





#25

Chloroform

Concen: 4.789 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

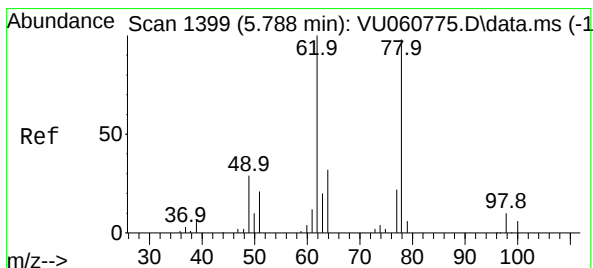
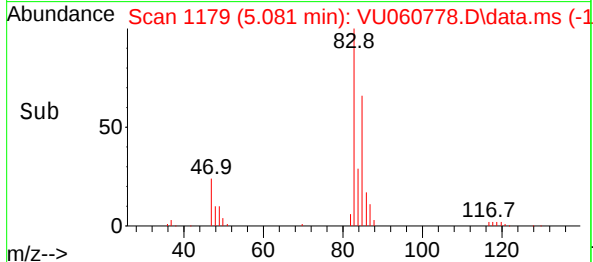
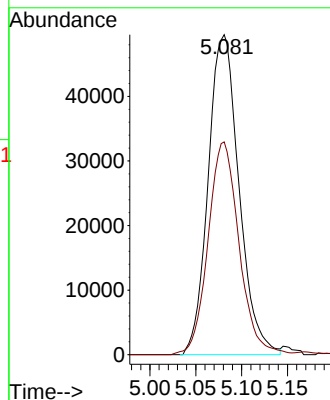
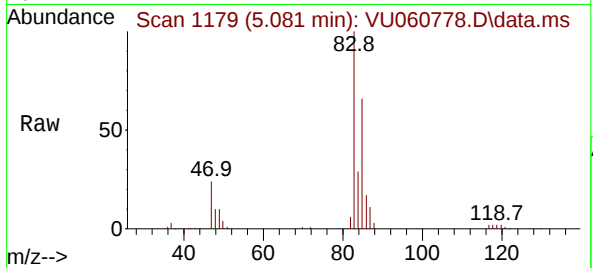
ClientSampleId :

Tgt Ion: 83 Resp: 115789

Ion Ratio Lower Upper

83 100

85 66.5 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.763 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU060778.D

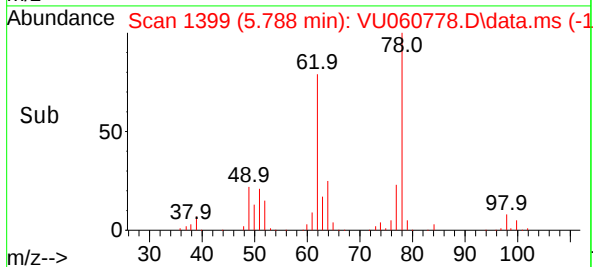
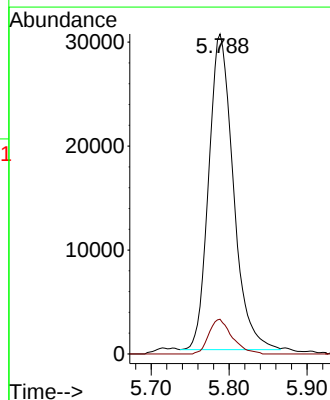
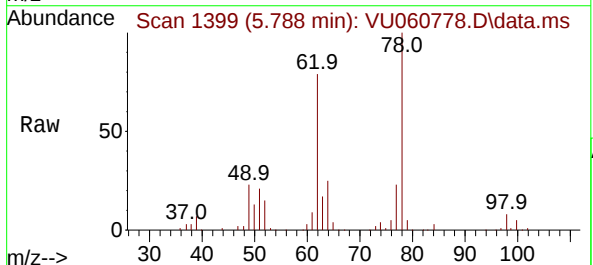
Acq: 16 Sep 2024 13:16

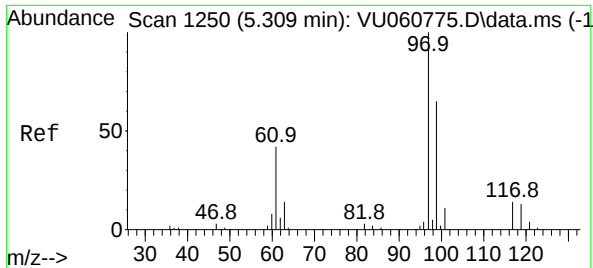
Tgt Ion: 62 Resp: 66722

Ion Ratio Lower Upper

62 100

98 10.9 8.2 12.4

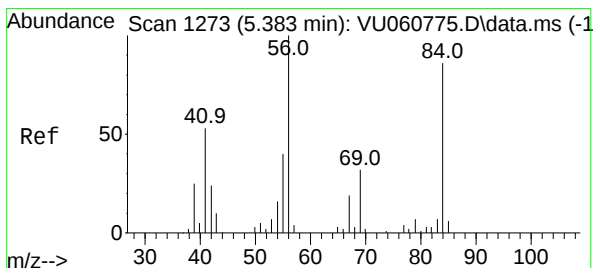
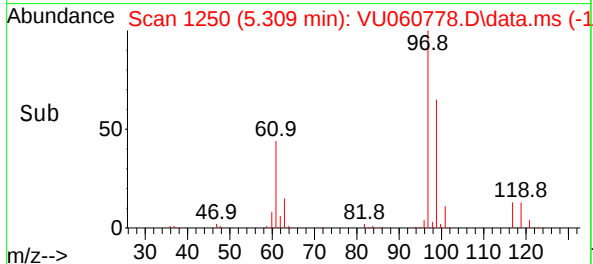
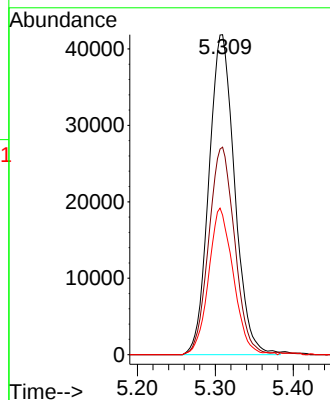
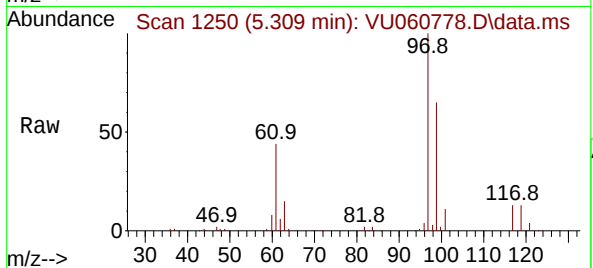




#29
1,1,1-Trichloroethane
Concen: 4.971 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

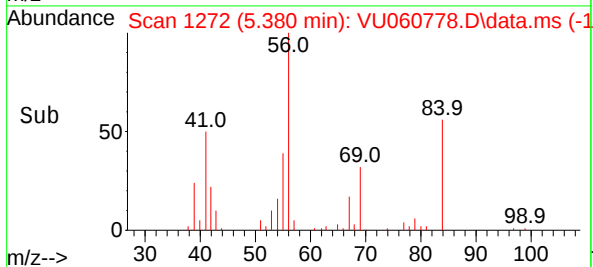
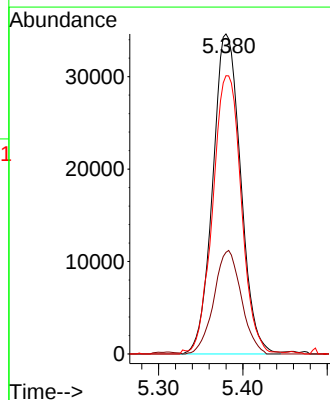
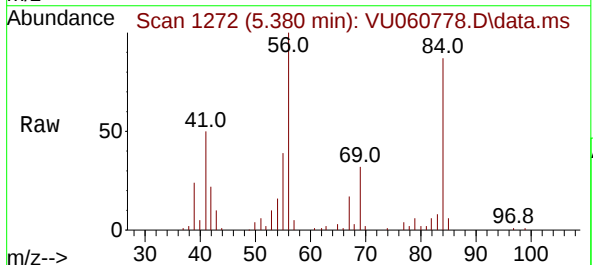
Instrument :
MSVOA_U
ClientSampleId :

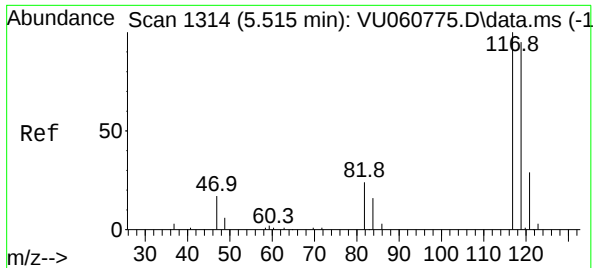
Tgt Ion: 97	Resp: 96213
Ion Ratio	Lower Upper
97 100	
99 65.2	50.5 75.7
61 44.1	34.4 51.6



#30
Cyclohexane
Concen: 5.004 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion: 56	Resp: 79604
Ion Ratio	Lower Upper
56 100	
69 31.7	25.4 38.0
84 89.2	71.0 106.6

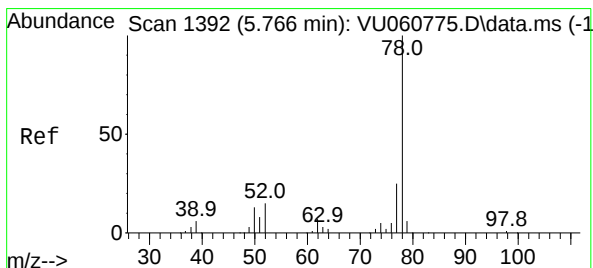
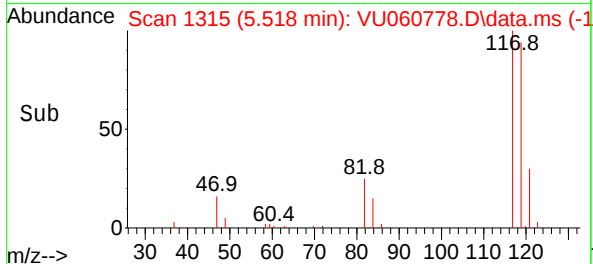
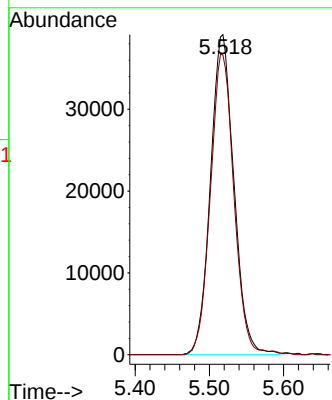
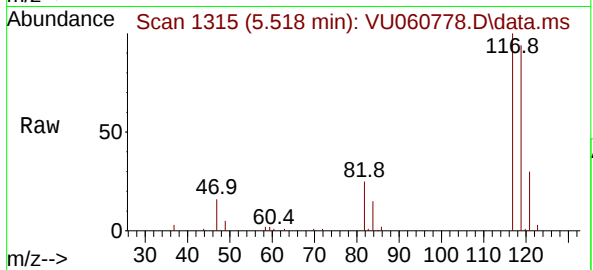




#31
Carbon tetrachloride
Concen: 5.009 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

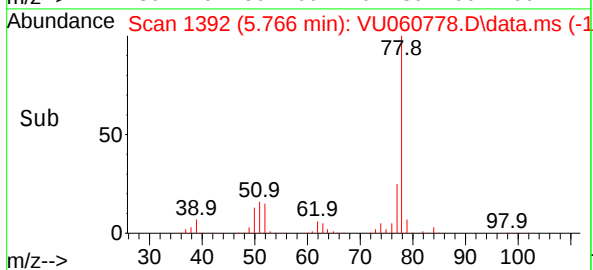
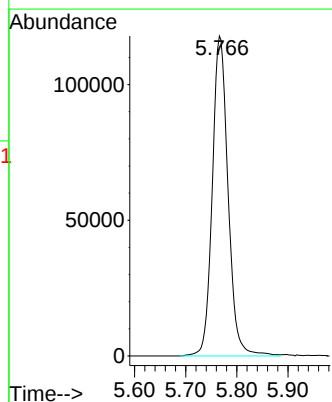
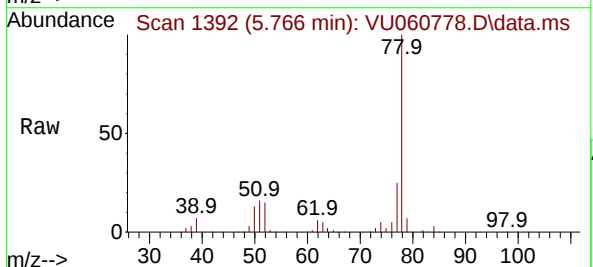
Instrument :
MSVOA_U
ClientSampleId :

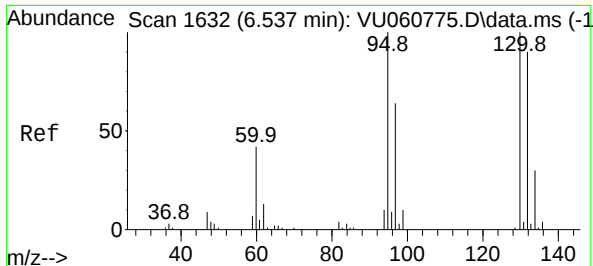
Tgt Ion:117 Resp: 85827
Ion Ratio Lower Upper
117 100
119 94.1 76.3 114.5



#33
Benzene
Concen: 5.128 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion: 78 Resp: 252788





#34

Trichloroethene

Concen: 5.090 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 65769

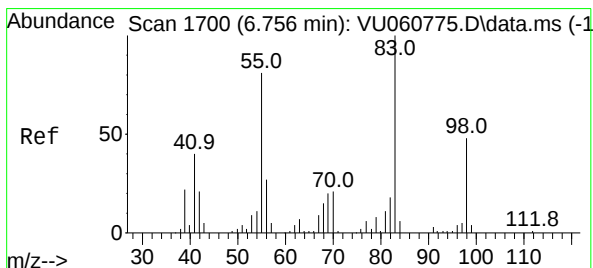
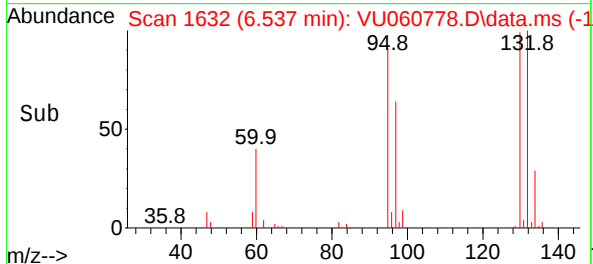
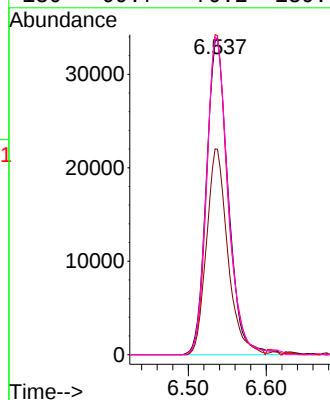
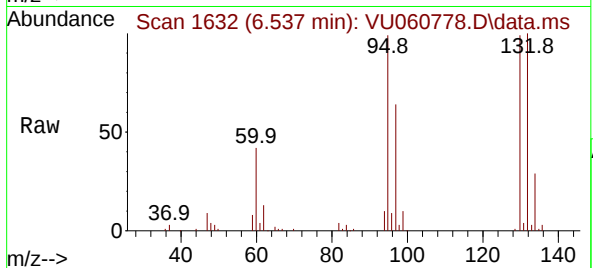
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 101.0 63.5 117.9

130 99.7 70.2 130.4



#35

Methylcyclohexane

Concen: 5.046 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

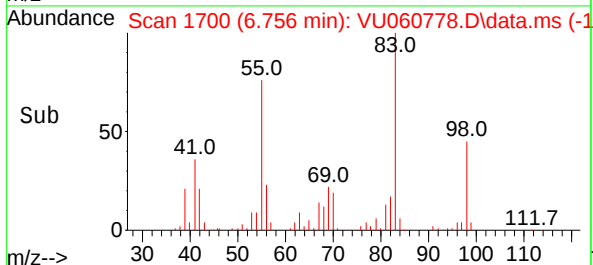
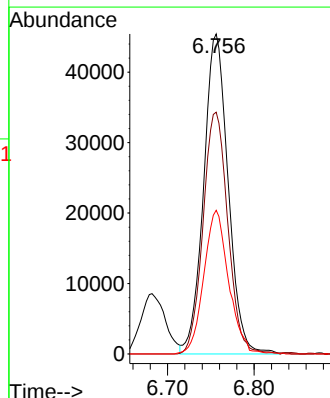
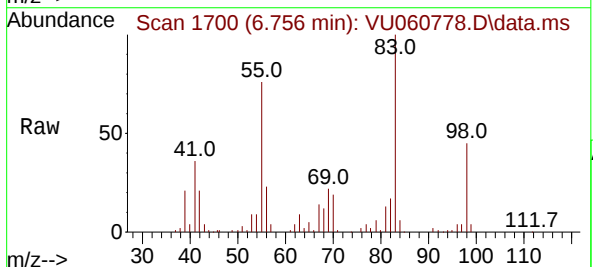
Tgt Ion: 83 Resp: 89470

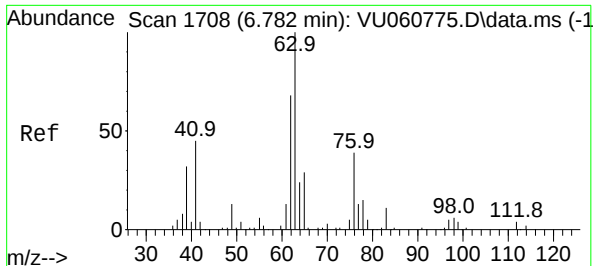
Ion Ratio Lower Upper

83 100

55 76.3 62.6 94.0

98 45.5 37.6 56.4

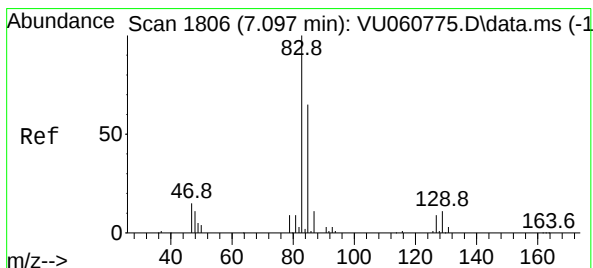
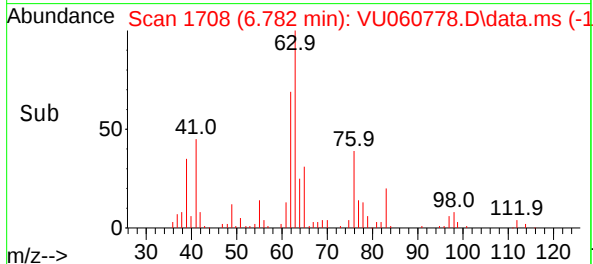
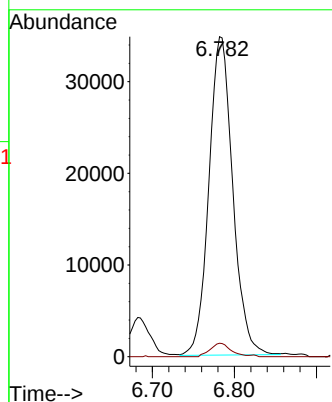
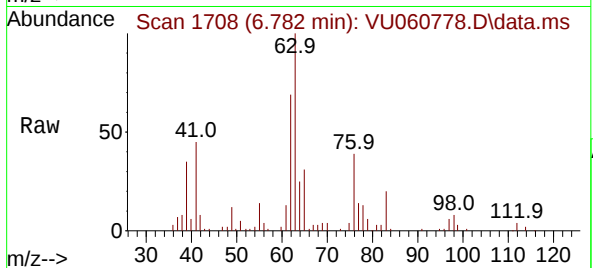




#37
1,2-Dichloropropane
Concen: 5.180 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

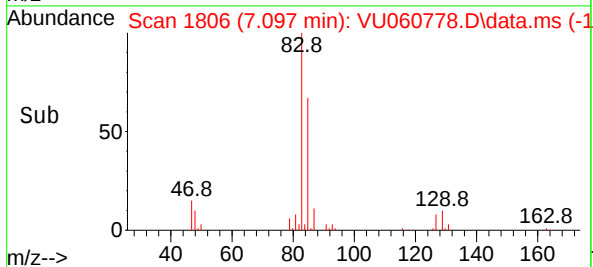
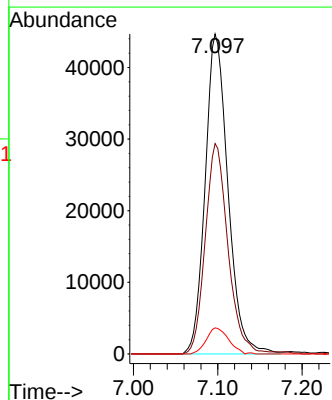
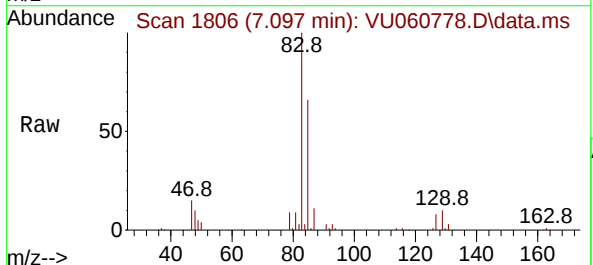
Instrument :
MSVOA_U
ClientSampleId :

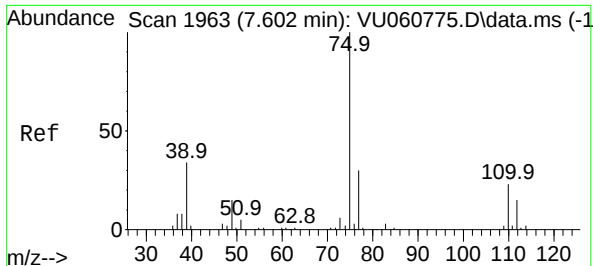
Tgt Ion: 63 Resp: 70359
Ion Ratio Lower Upper
63 100
112 3.6 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.057 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion: 83 Resp: 84259
Ion Ratio Lower Upper
83 100
85 65.8 45.6 84.8
127 8.2 7.0 10.6

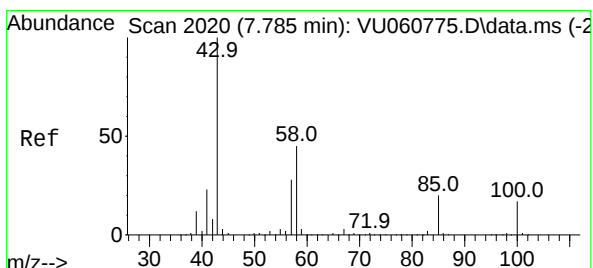
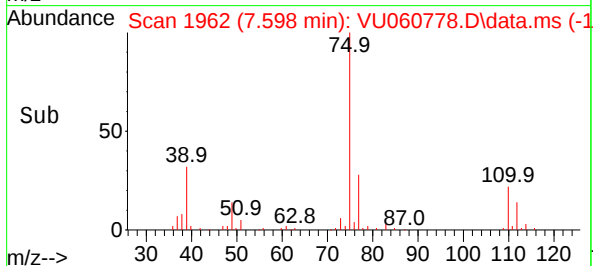
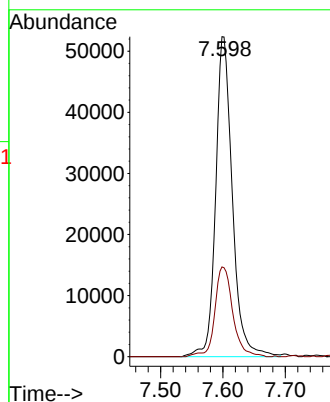
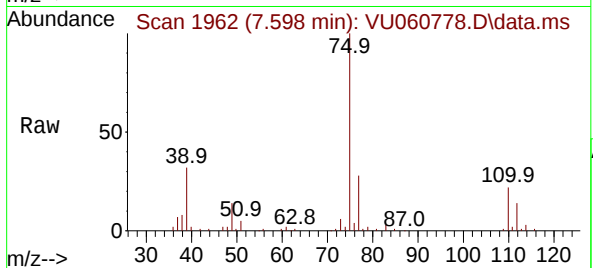




#39
cis-1,3-Dichloropropene
Concen: 5.386 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

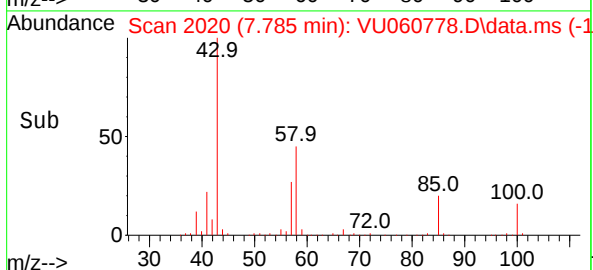
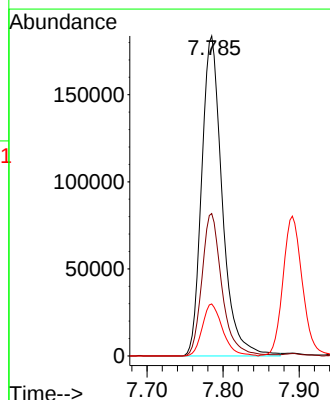
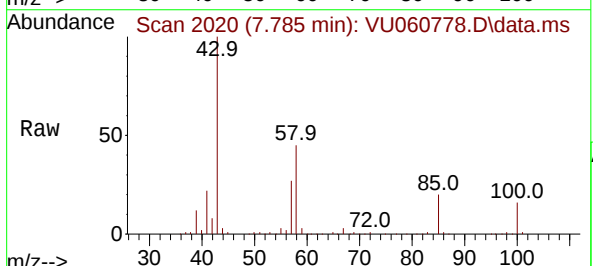
Instrument :
MSVOA_U
ClientSampleId :

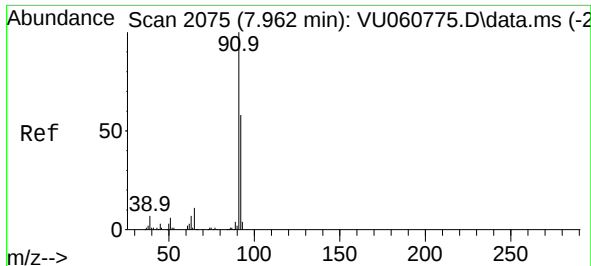
Tgt Ion: 75 Resp: 97301
Ion Ratio Lower Upper
75 100
77 28.1 21.3 39.5



#40
4-Methyl-2-pentanone
Concen: 54.412 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion: 43 Resp: 345138
Ion Ratio Lower Upper
43 100
58 43.5 34.9 52.3
100 16.0 13.4 20.0





#42

Toluene

Concen: 5.302 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

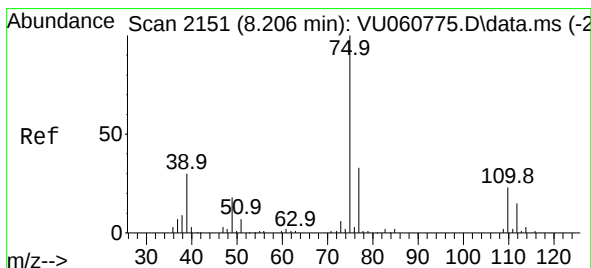
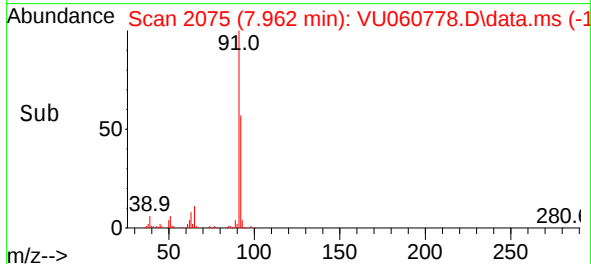
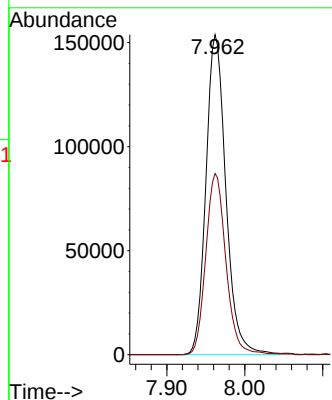
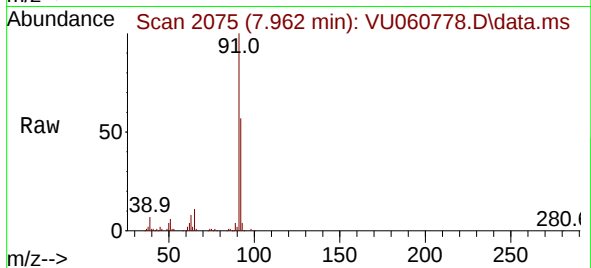
ClientSampleId :

Tgt Ion: 91 Resp: 273259

Ion Ratio Lower Upper

91 100

92 56.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.284 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060778.D

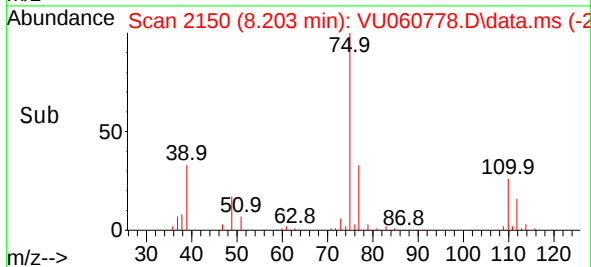
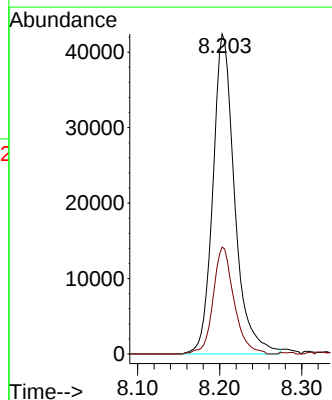
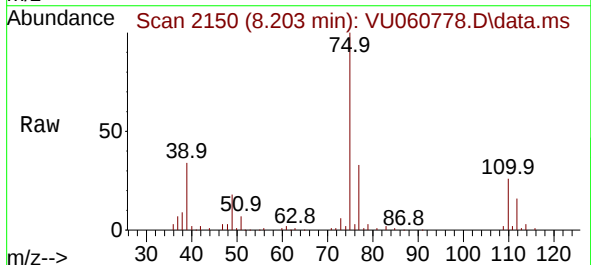
Acq: 16 Sep 2024 13:16

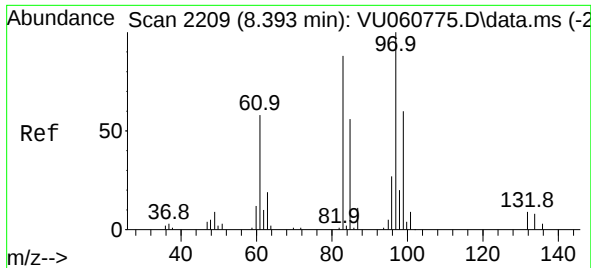
Tgt Ion: 75 Resp: 78498

Ion Ratio Lower Upper

75 100

77 33.4 23.1 42.9

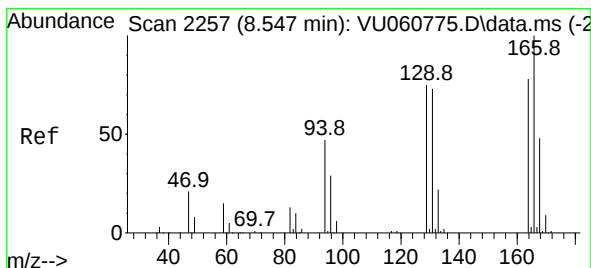
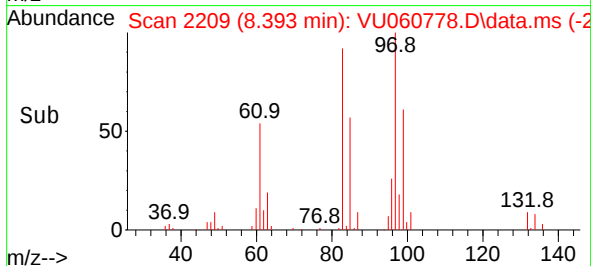
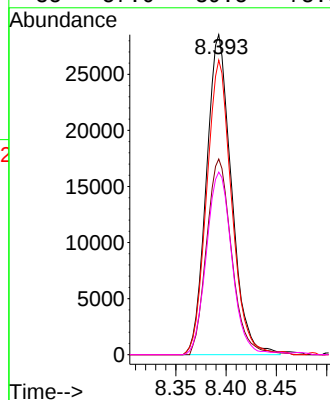
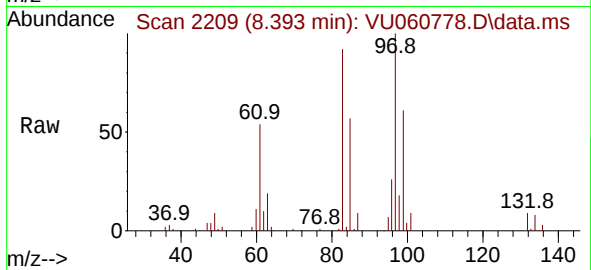




#45
1,1,2-Trichloroethane
Concen: 5.040 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

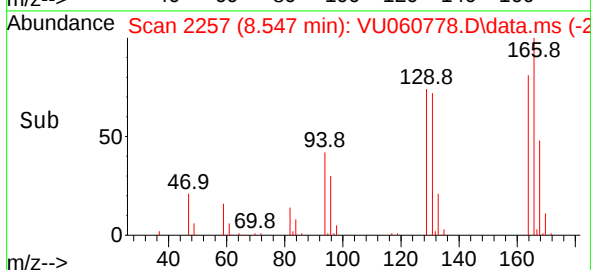
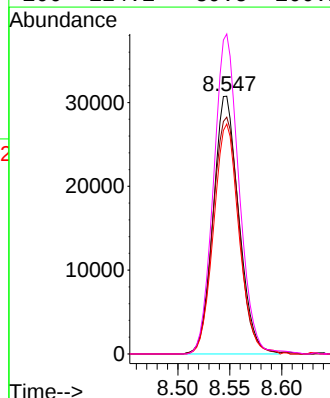
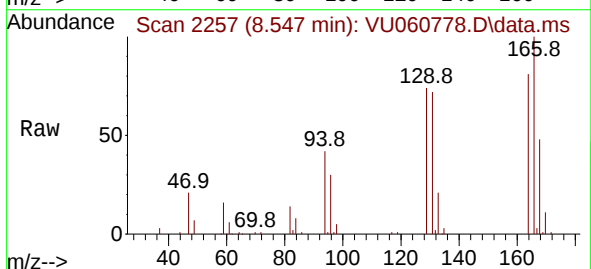
Instrument :
MSVOA_U
ClientSampleId :

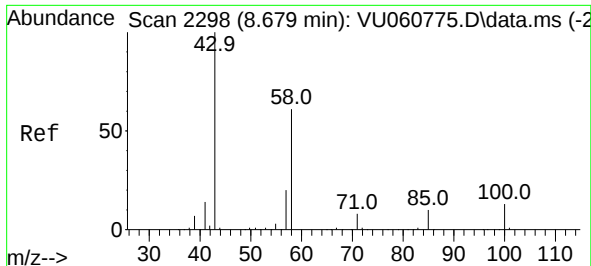
Tgt Ion:	97	Resp:	49426
Ion Ratio	Lower	Upper	
97	100		
99	61.1	42.3	78.5
83	92.1	61.7	114.5
85	57.0	39.5	73.3



#47
Tetrachloroethene
Concen: 5.139 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion:	164	Resp:	52777
Ion Ratio	Lower	Upper	
164	100		
129	91.9	67.3	124.9
131	89.2	65.4	121.4
166	124.1	89.5	166.1



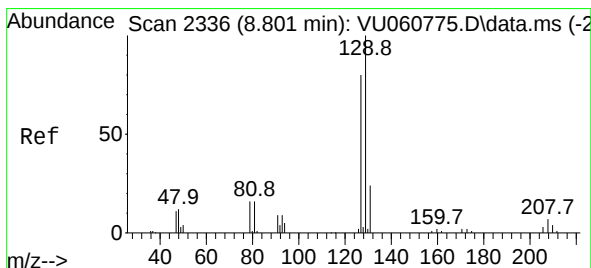
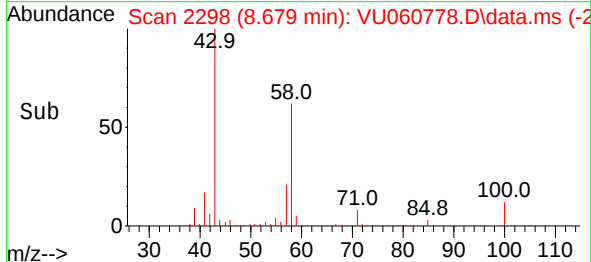
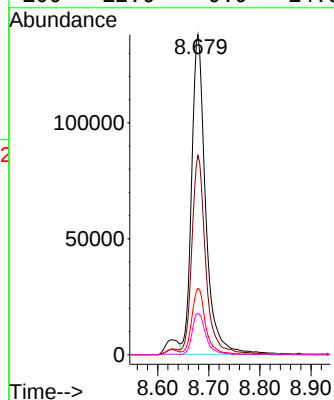
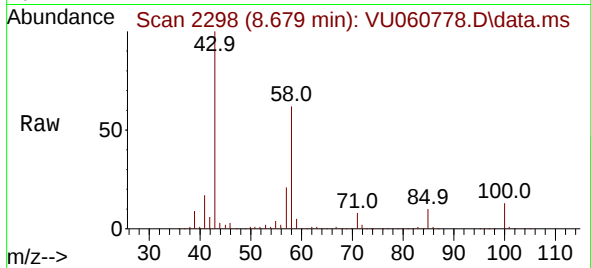


#48
2-Hexanone
Concen: 56.776 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 262502

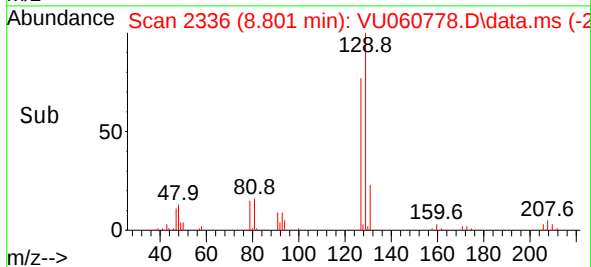
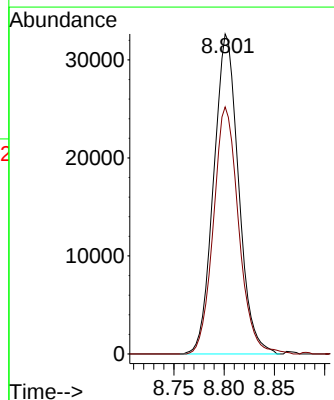
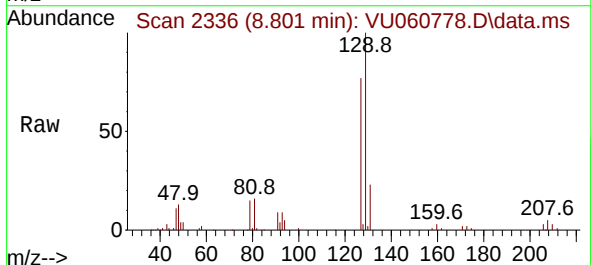
Ion	Ratio	Lower	Upper
43	100		
58	61.8	48.3	72.5
57	20.5	15.9	23.9
100	12.6	9.9	14.9

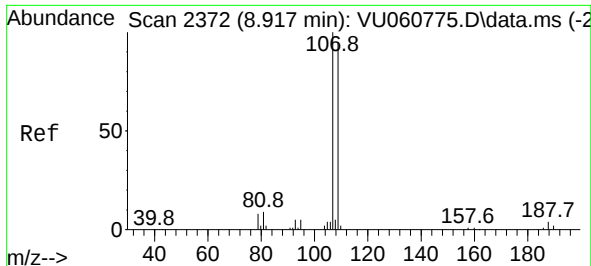


#49
Dibromochloromethane
Concen: 5.047 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion: 129 Resp: 56344

Ion	Ratio	Lower	Upper
129	100		
127	77.2	56.1	104.1





#50

1,2-Dibromoethane

Concen: 5.227 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

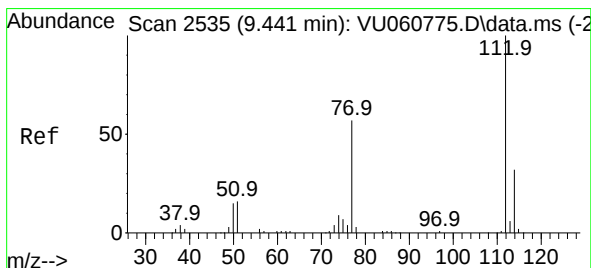
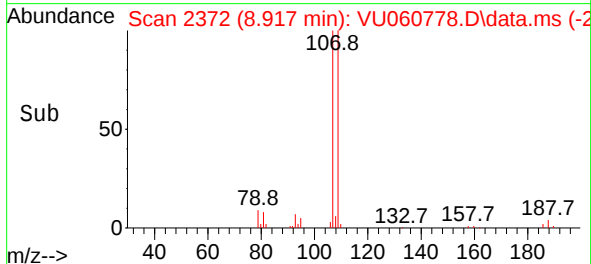
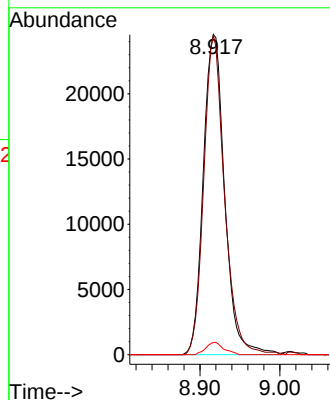
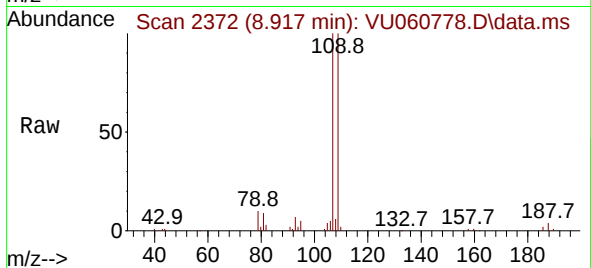
Tgt Ion:107 Resp: 45743

Ion Ratio Lower Upper

107 100

109 99.8 66.8 124.0

188 3.8 3.4 5.0



#51

Chlorobenzene

Concen: 5.106 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

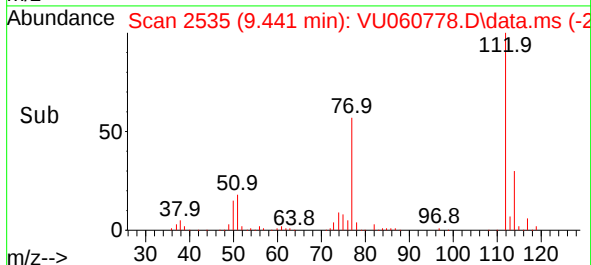
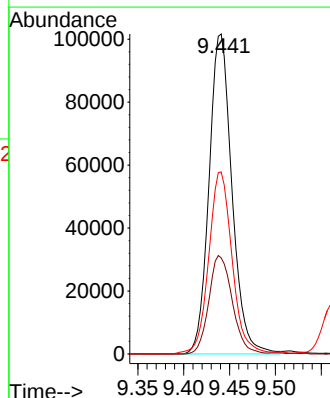
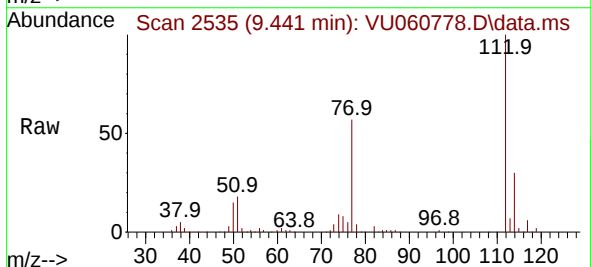
Tgt Ion:112 Resp: 176720

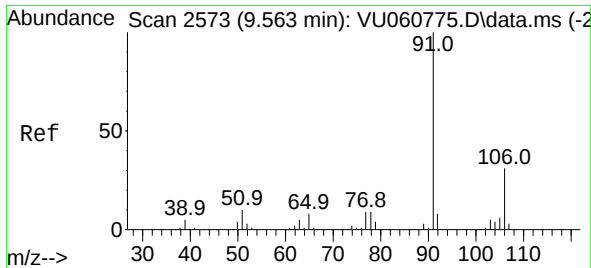
Ion Ratio Lower Upper

112 100

114 30.0 22.2 41.2

77 56.9 46.1 69.1

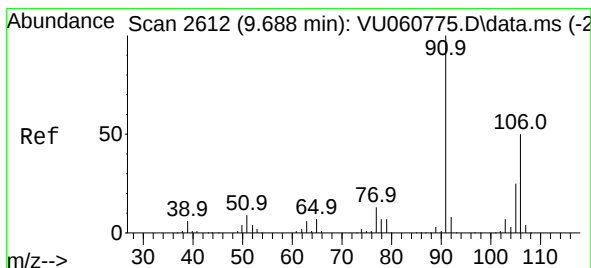
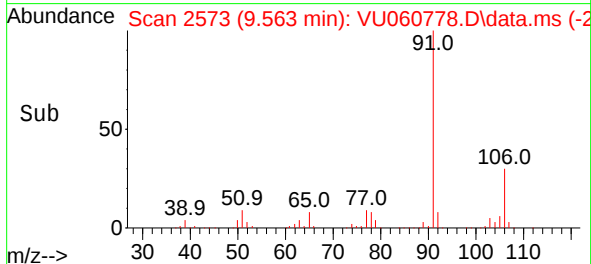
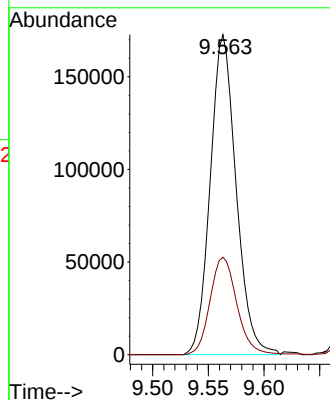
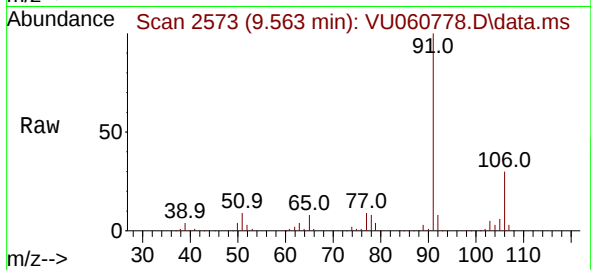




#52
Ethylbenzene
Concen: 5.145 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

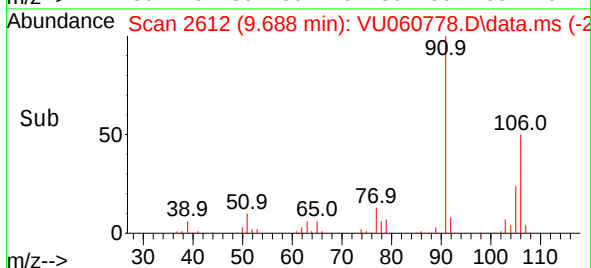
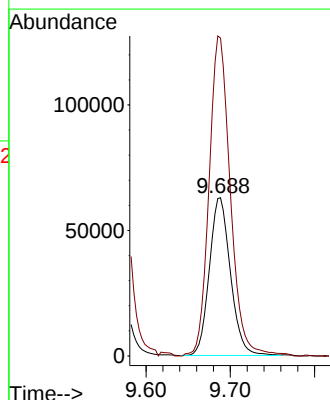
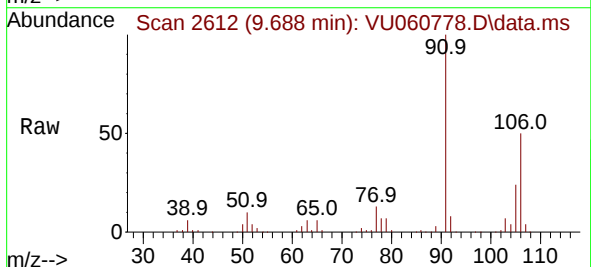
Instrument :
MSVOA_U
ClientSampleId :

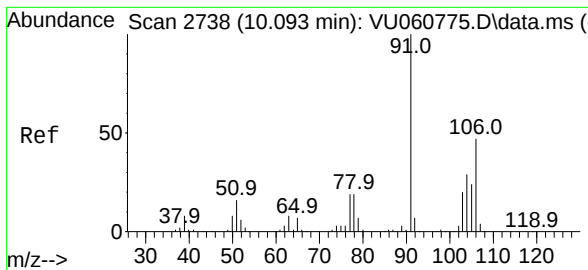
Tgt Ion: 91 Resp: 279179
Ion Ratio Lower Upper
91 100
106 30.5 21.8 40.6



#53
m,p-Xylene
Concen: 5.316 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion:106 Resp: 109360
Ion Ratio Lower Upper
106 100
91 200.9 139.7 259.4

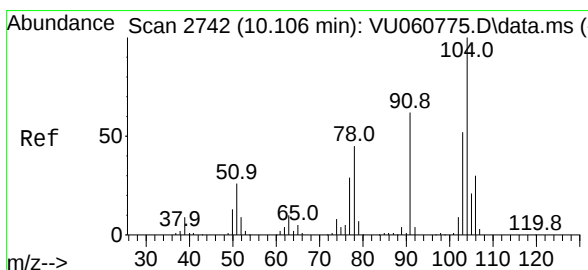
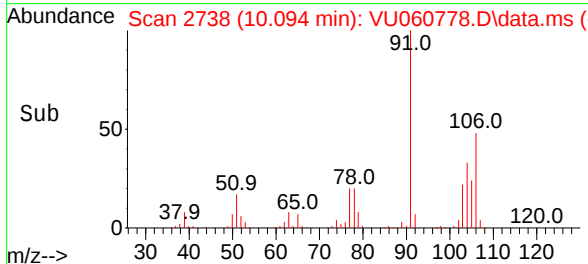
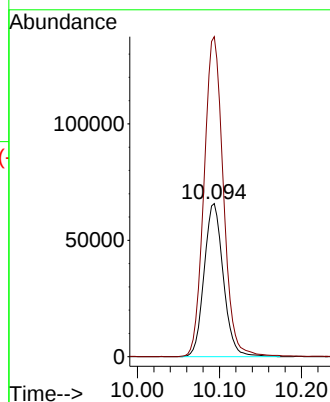
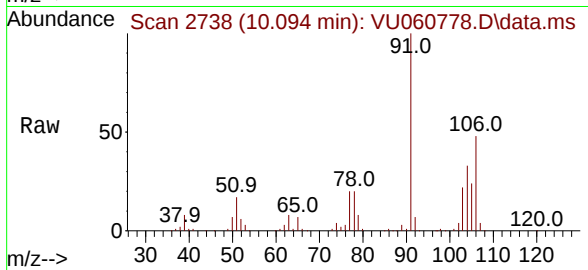




#54
o-Xylene
Concen: 5.260 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

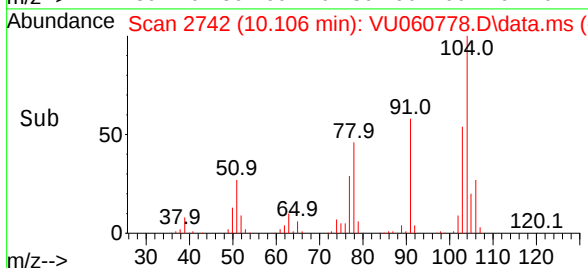
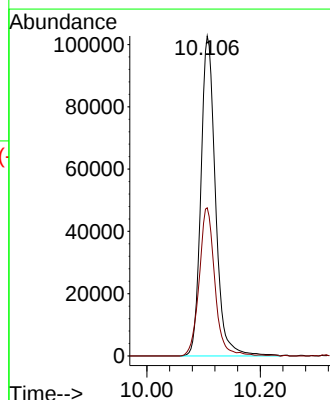
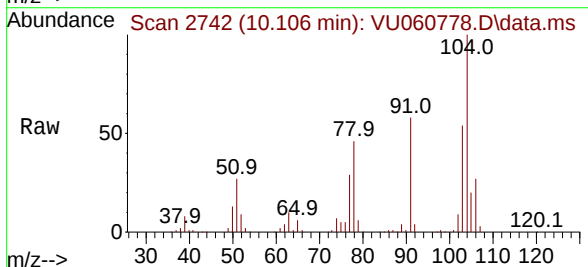
Instrument :
MSVOA_U
ClientSampleId :

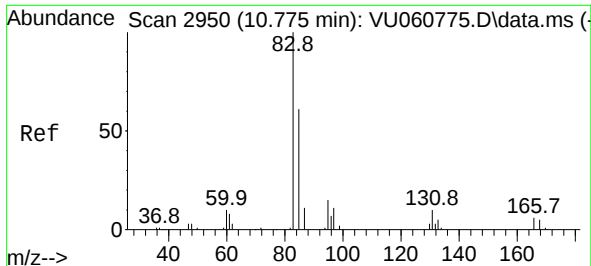
Tgt Ion:106 Resp: 106796
Ion Ratio Lower Upper
106 100
91 209.1 148.6 276.0



#55
Styrene
Concen: 5.370 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion:104 Resp: 183762
Ion Ratio Lower Upper
104 100
78 46.3 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.001 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

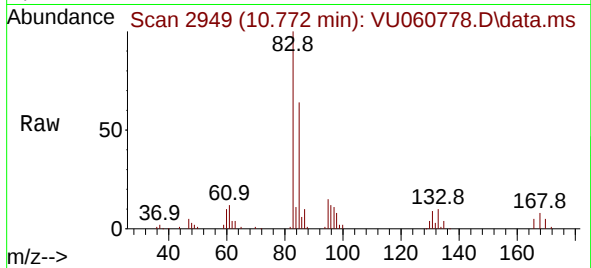
Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :



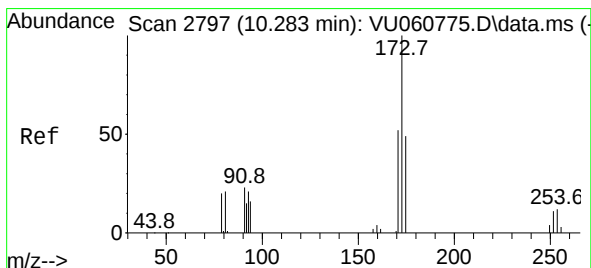
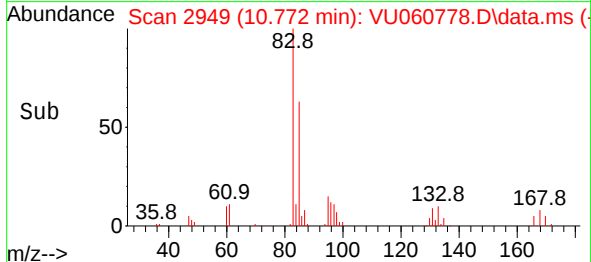
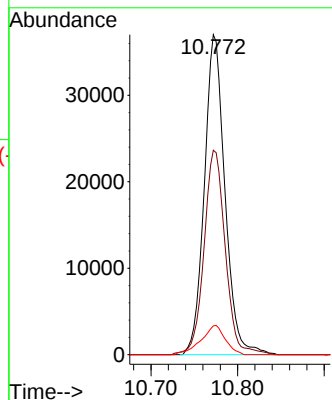
Tgt Ion: 83 Resp: 61171

Ion Ratio Lower Upper

83 100

85 63.9 42.9 79.7

131 9.0 8.4 12.6



#59

Bromoform

Concen: 5.163 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

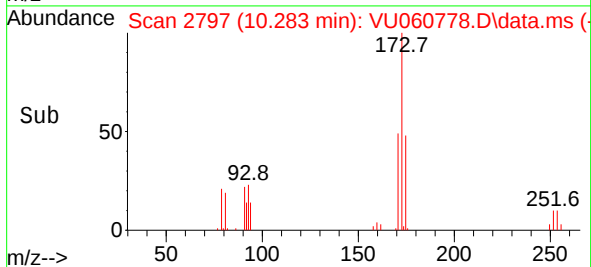
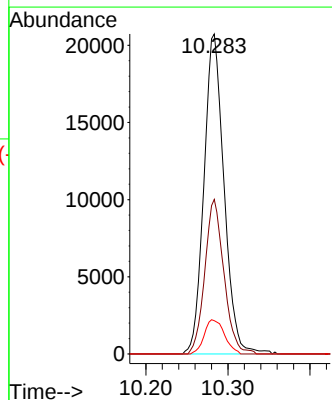
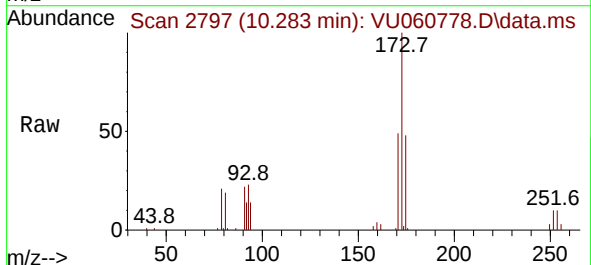
Tgt Ion:173 Resp: 35285

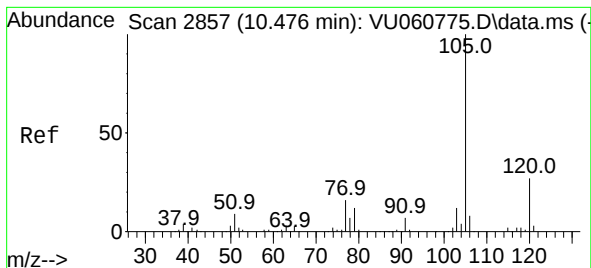
Ion Ratio Lower Upper

173 100

175 45.8 39.1 58.7

254 10.8 8.7 13.1





#60

Isopropylbenzene

Concen: 5.218 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

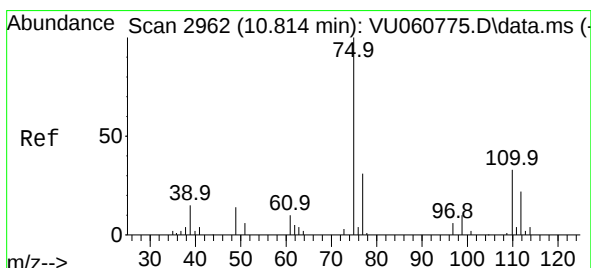
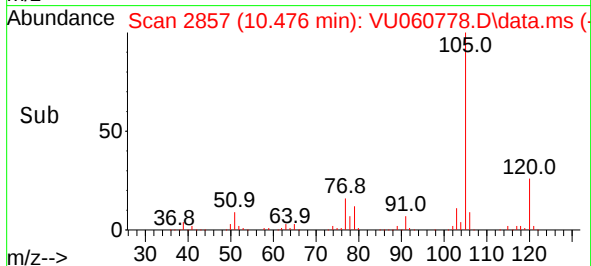
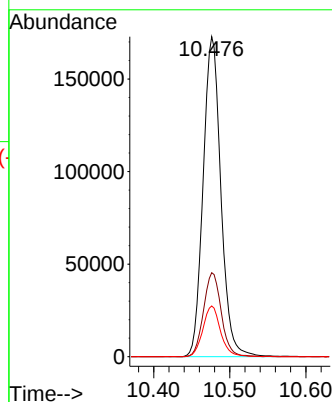
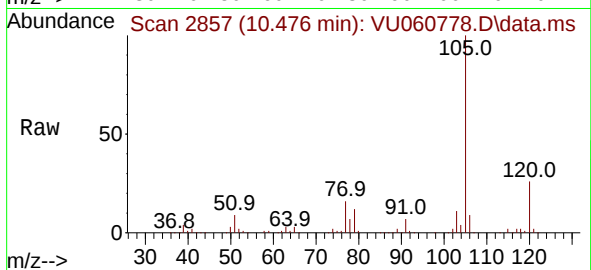
Tgt Ion:105 Resp: 280430

Ion Ratio Lower Upper

105 100

120 26.3 21.5 32.3

77 15.8 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.160 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

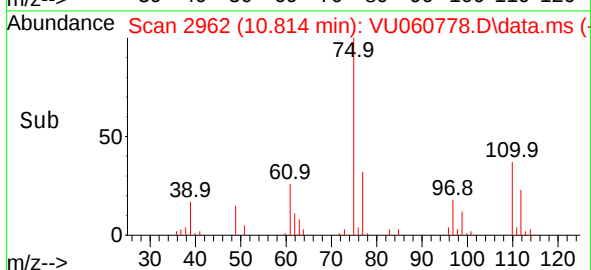
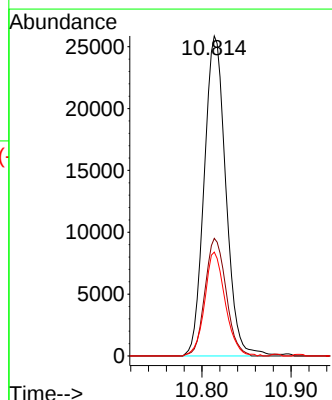
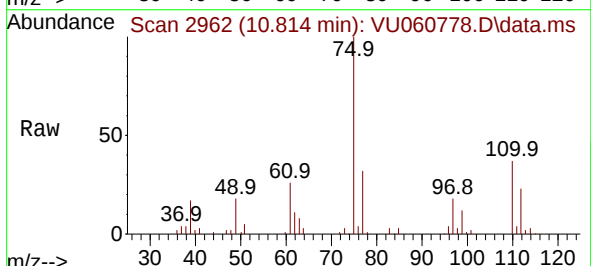
Tgt Ion: 75 Resp: 43648

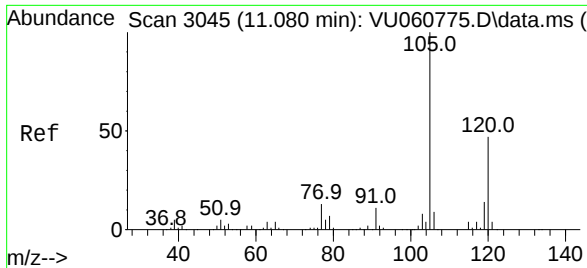
Ion Ratio Lower Upper

75 100

110 35.7 28.6 43.0

77 30.8 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.073 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

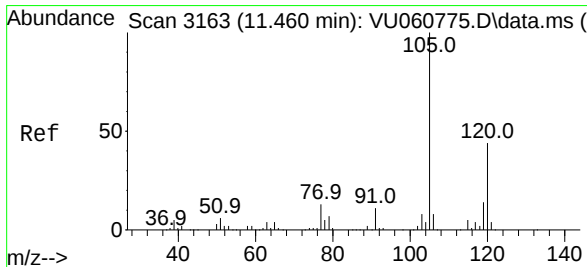
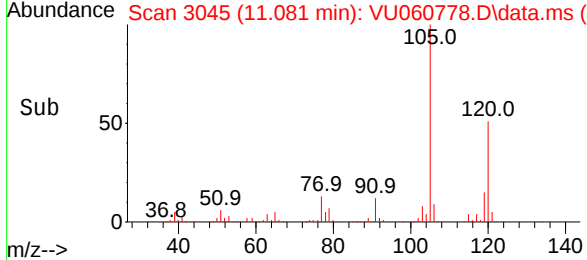
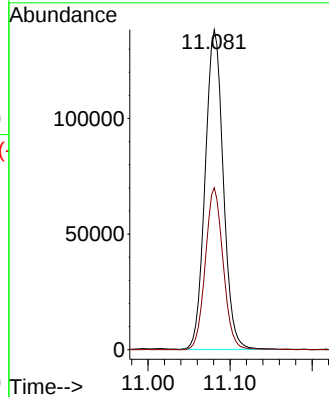
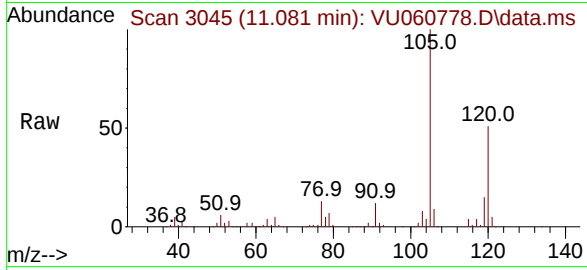
ClientSampleId :

Tgt Ion:105 Resp: 211890

Ion Ratio Lower Upper

105 100

120 49.8 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.211 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060778.D

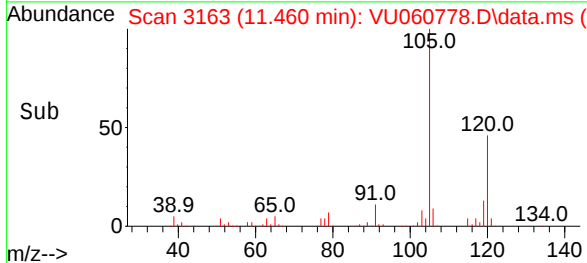
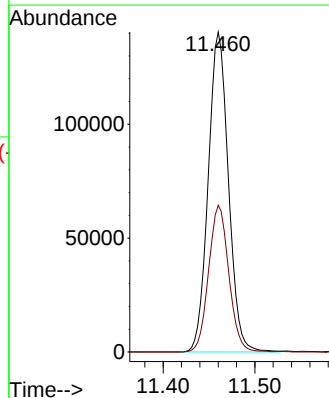
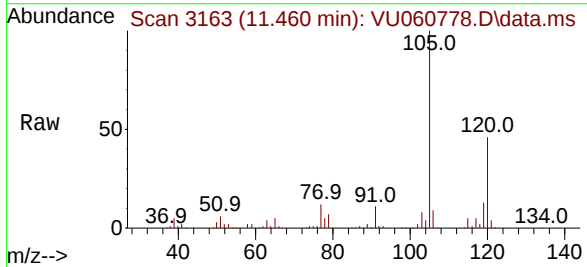
Acq: 16 Sep 2024 13:16

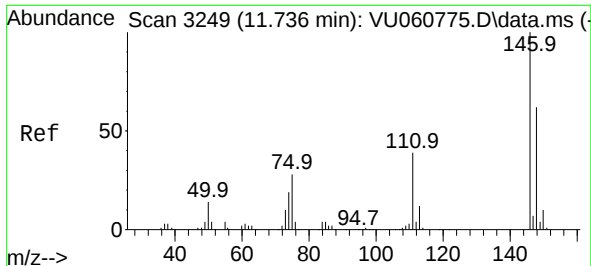
Tgt Ion:105 Resp: 215076

Ion Ratio Lower Upper

105 100

120 45.9 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.268 ug/L

RT: 11.740 min Scan# 3249

Delta R.T. 0.003 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

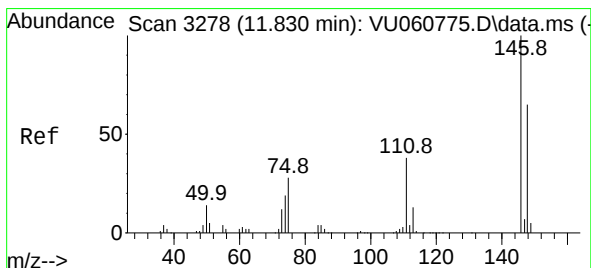
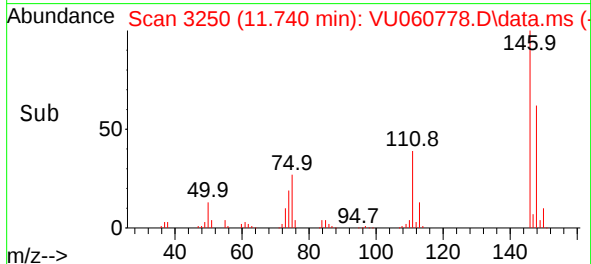
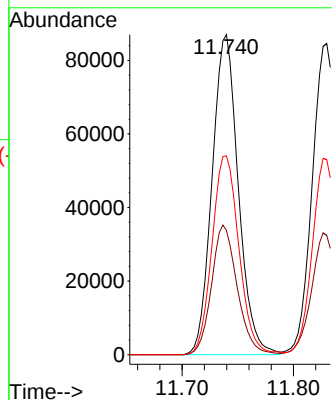
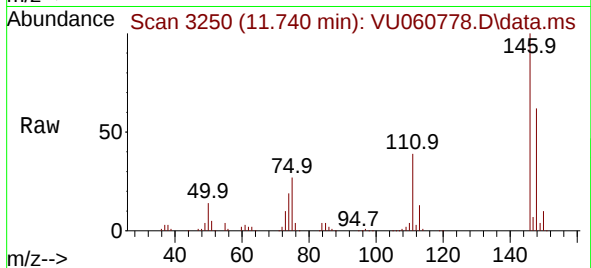
Tgt Ion:146 Resp: 142372

Ion Ratio Lower Upper

146 100

111 38.8 27.5 51.1

148 62.1 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 5.107 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

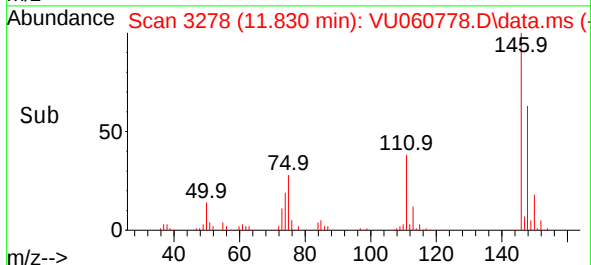
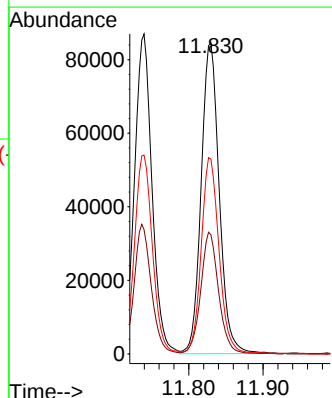
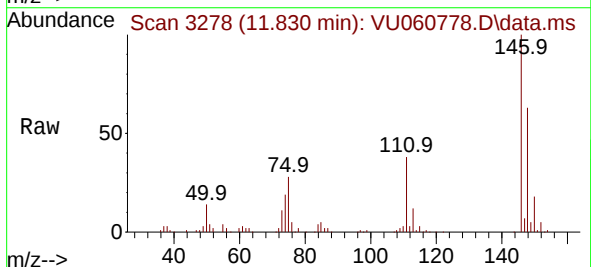
Tgt Ion:146 Resp: 142653

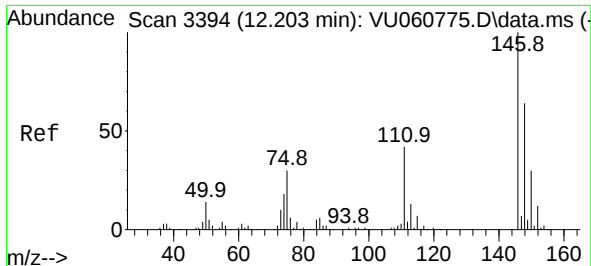
Ion Ratio Lower Upper

146 100

111 38.3 26.3 48.9

148 62.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.087 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

Instrument :

MSVOA_U

ClientSampleId :

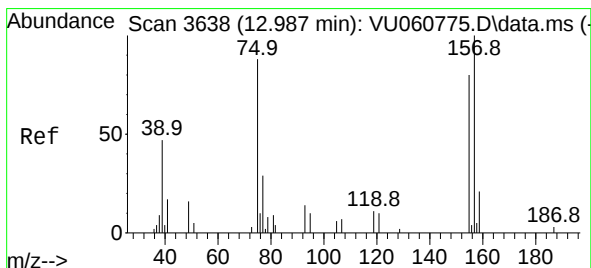
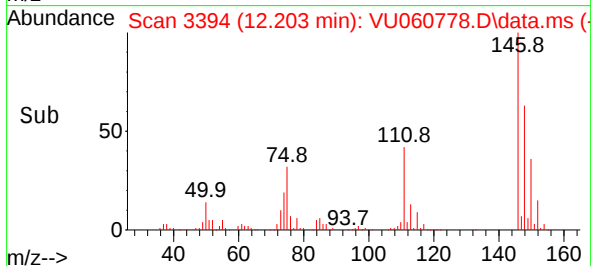
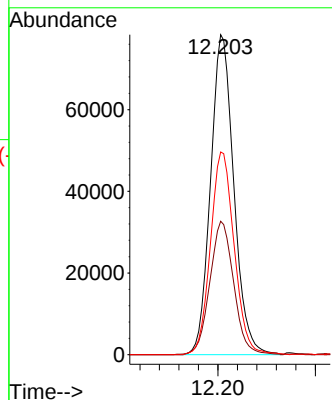
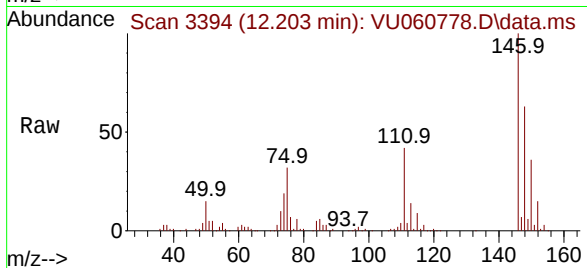
Tgt Ion:146 Resp: 129983

Ion Ratio Lower Upper

146 100

111 41.7 33.4 50.0

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.641 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU060778.D

Acq: 16 Sep 2024 13:16

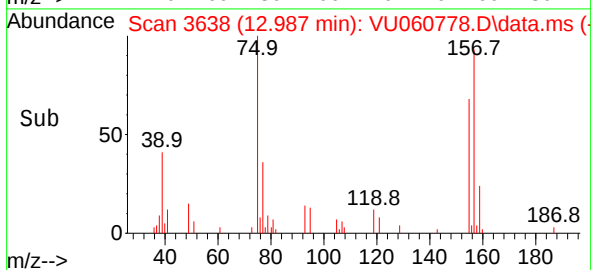
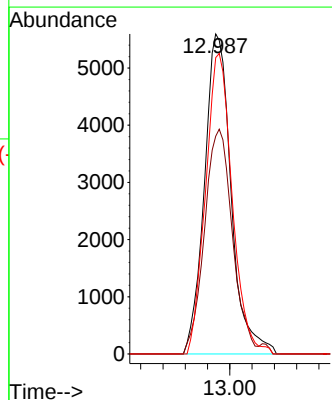
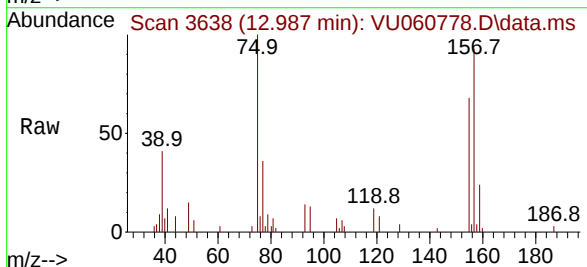
Tgt Ion: 75 Resp: 9317

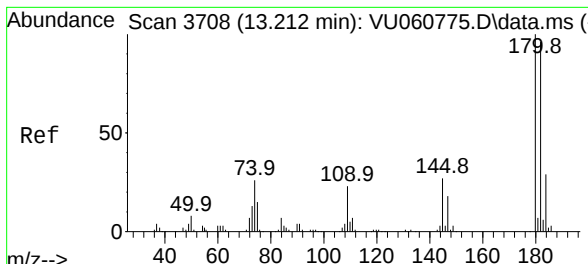
Ion Ratio Lower Upper

75 100

155 68.0 73.1 109.7#

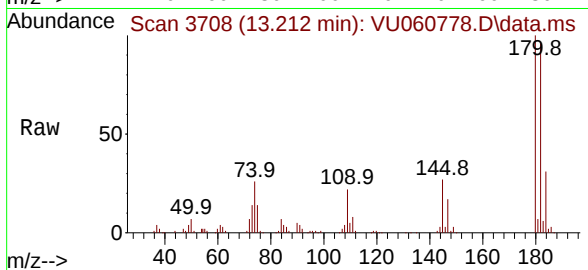
157 92.6 91.0 136.4



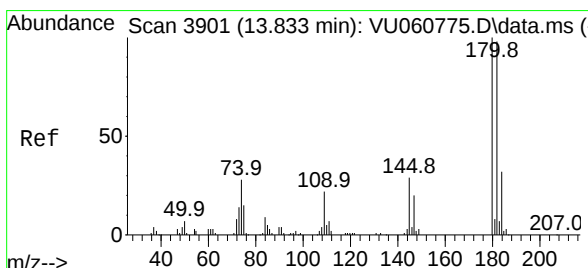
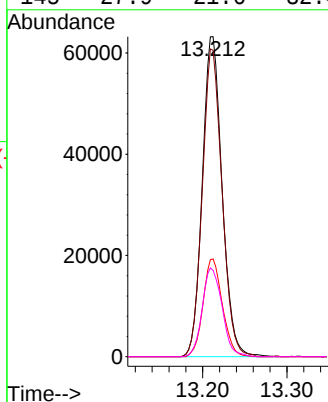
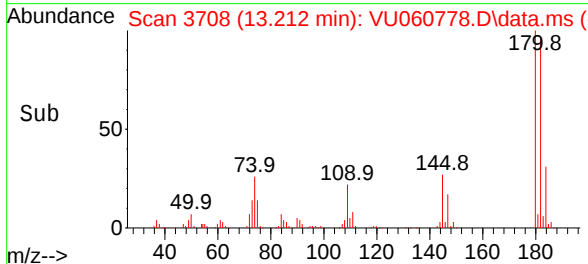


#69
 1,3,5-Trichlorobenzene
 Concen: 5.109 ug/L
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16

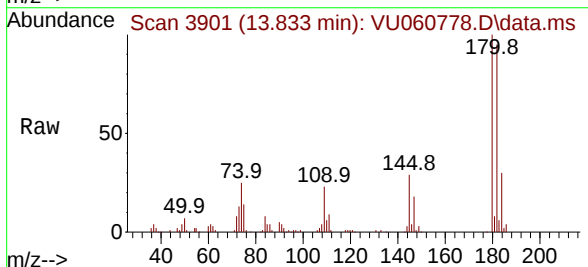
Instrument :
 MSVOA_U
 ClientSampleId :



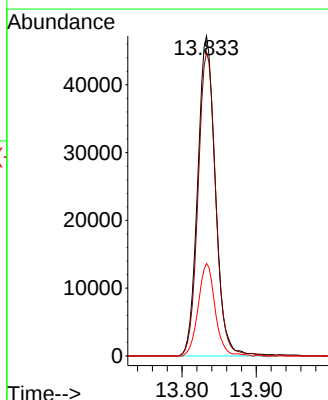
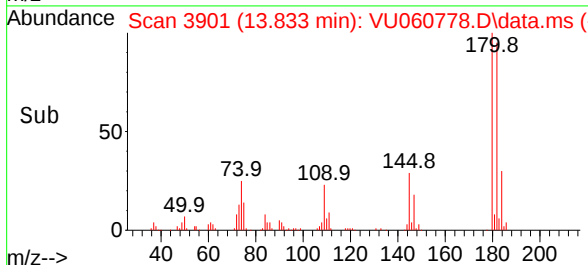
Tgt Ion:180	Resp: 103278
Ion Ratio	Lower Upper
180 100	
182 95.6	74.5 111.7
184 29.8	23.2 34.8
145 27.9	21.6 32.4

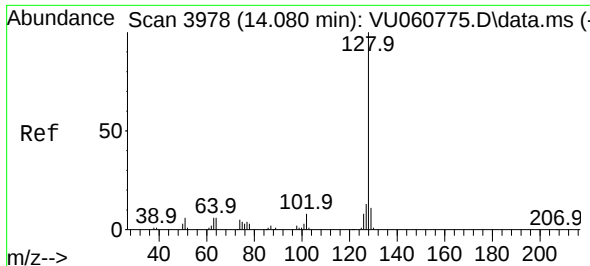


#70
 1,2,4-trichlorobenzene
 Concen: 5.494 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU060778.D
 Acq: 16 Sep 2024 13:16



Tgt Ion:180	Resp: 78234
Ion Ratio	Lower Upper
180 100	
182 94.5	77.4 116.2
145 27.7	22.9 34.3

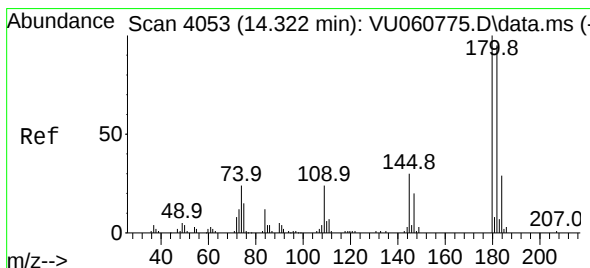
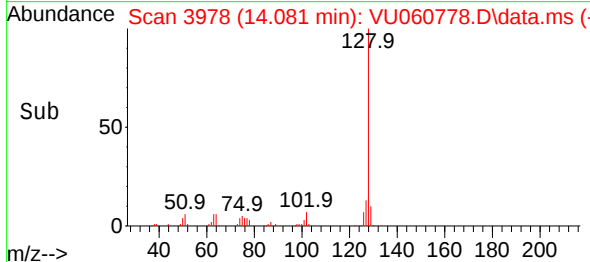
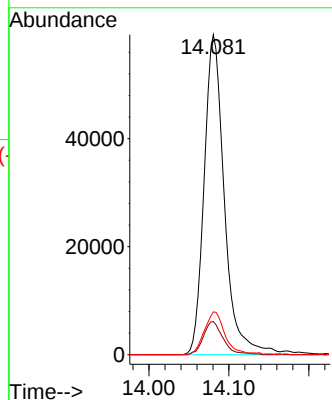
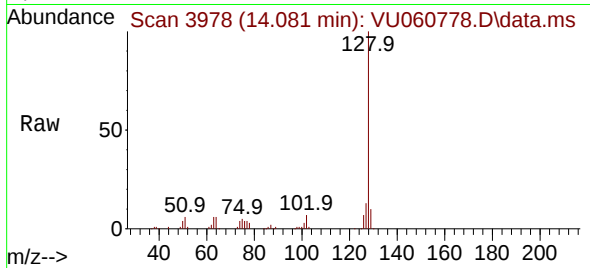




#71
Naphthalene
Concen: 5.566 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 104537
Ion Ratio Lower Upper
128 100
129 10.1 8.3 12.5
127 13.6 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.551 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060778.D
Acq: 16 Sep 2024 13:16

Tgt Ion:180 Resp: 68286
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 30.7 23.5 35.3

