

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042062.D
 Acq On : 26 Jun 2024 18:45
 Operator : JC/MD
 Sample : P3073-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 08:57:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

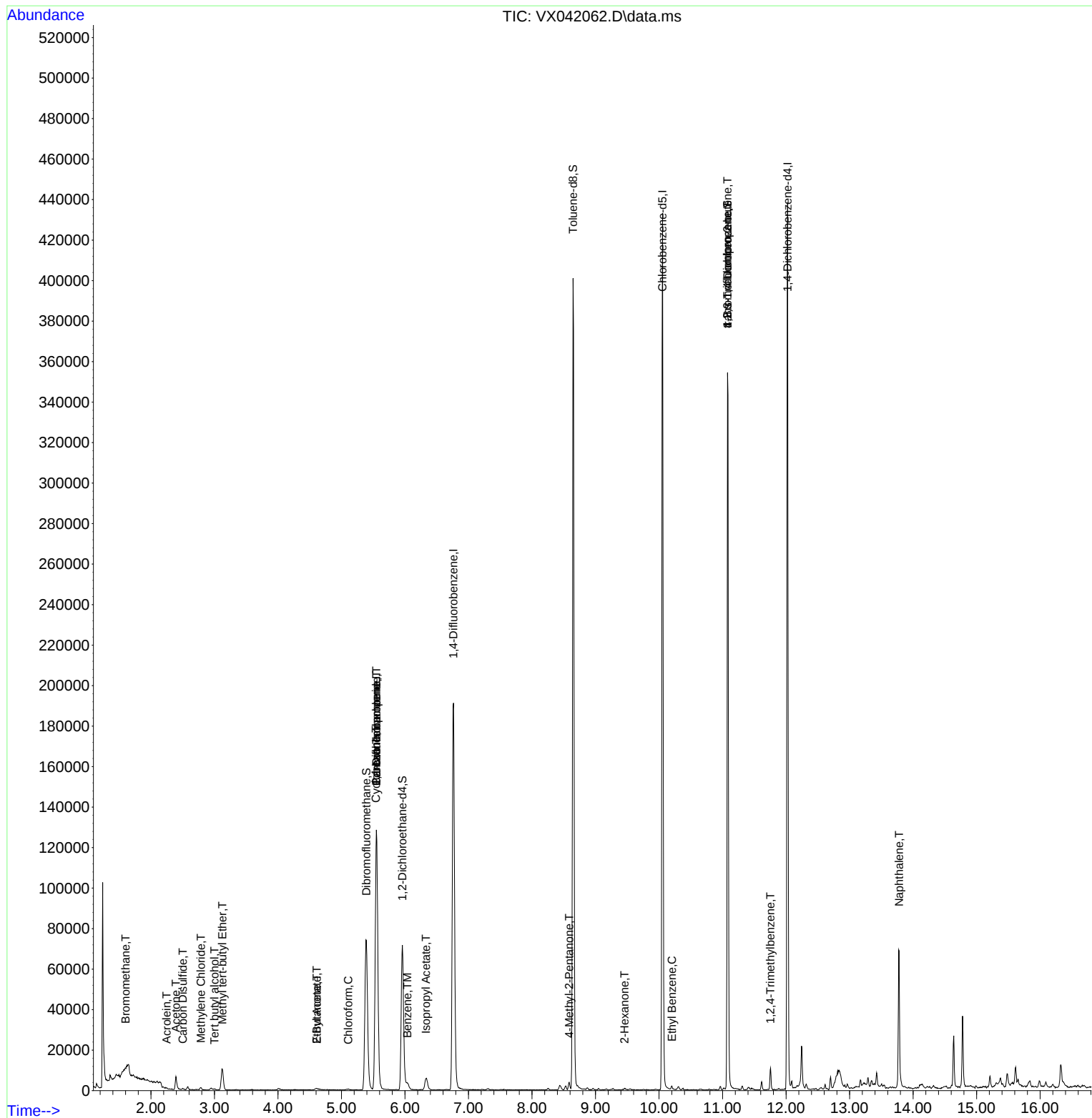
Internal Standards						
1) Pentafluorobenzene	5.550	168	144987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67971	40.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.320%
35) Dibromofluoromethane	5.391	113	67925	43.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.740%
50) Toluene-d8	8.647	98	254185	46.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.380%
62) 4-Bromofluorobenzene	11.079	95	97148	47.895	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	220	0.321	ug/l	# 57
6) Chloroethane	1.666	64	856	Below Cal		# 43
11) Tert butyl alcohol	3.001	59	696	2.194	ug/l	# 78
13) Acrolein	2.245	56	115	0.323	ug/l	# 14
16) Acetone	2.392	43	6810	9.276	ug/l	# 83
17) Carbon Disulfide	2.502	76	719	0.282	ug/l	# 76
19) Methyl tert-butyl Ether	3.123	73	12670	3.067	ug/l	98
20) Methylene Chloride	2.788	84	563	0.350	ug/l	87
25) 2-Butanone	4.611	43	1545	1.353	ug/l	97
30) Chloroform	5.105	83	633	0.259	ug/l	# 82
31) Cyclohexane	5.544	56	2028	1.037	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8204	4.933	ug/l	# 51
37) Ethyl Acetate	4.611	43	1545	0.713	ug/l	# 69
38) Carbon Tetrachloride	5.550	117	11809	6.426	ug/l	# 16
40) Benzene	6.037	78	4075	0.726	ug/l	98
43) Isopropyl Acetate	6.330	43	2246	0.675	ug/l	# 9
51) 4-Methyl-2-Pentanone	8.586	43	2602	1.136	ug/l	91
59) 2-Hexanone	9.458	43	466	0.266	ug/l	# 34
67) Ethyl Benzene	10.201	91	1538	0.220	ug/l	# 83
76) 1,2,3-Trichloropropane	11.079	75	42560	21.883	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	11.079	75	42560	62.144	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	5259	0.966	ug/l	94
95) Naphthalene	13.780	128	54337	7.716	ug/l	100

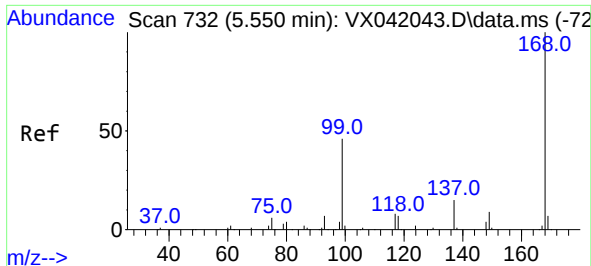
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
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Sample : P3073-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

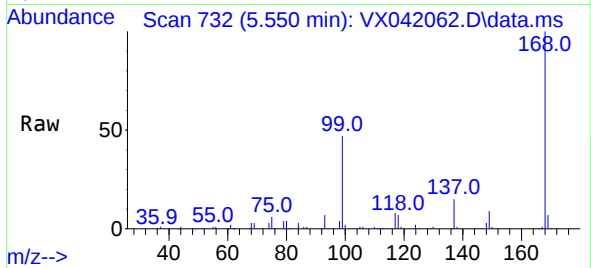
Quant Time: Jun 27 08:57:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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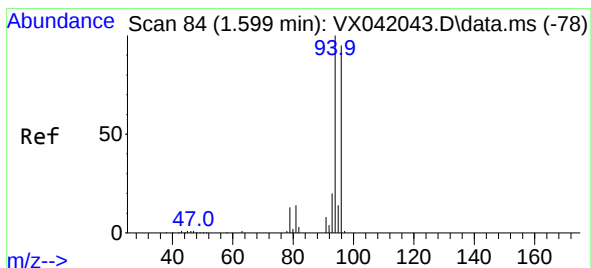
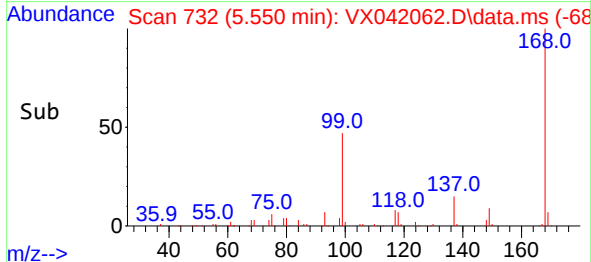
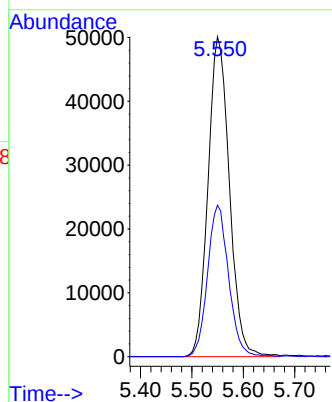


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

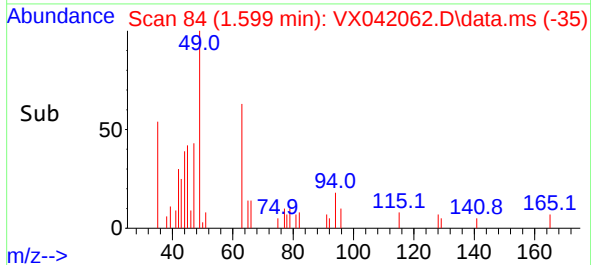
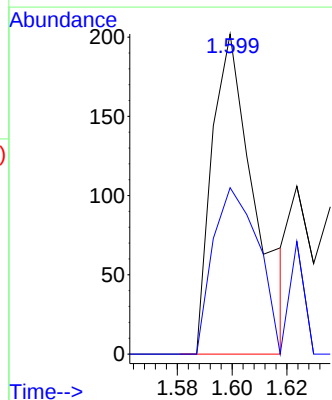
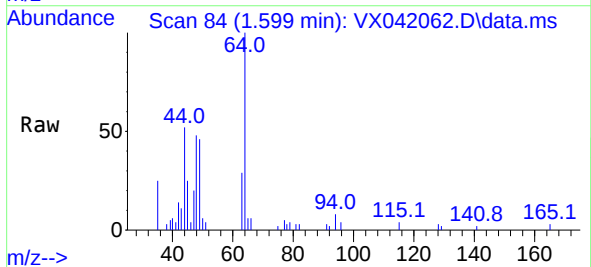


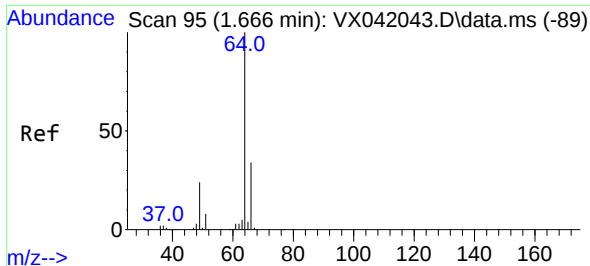
Tgt Ion:168 Resp: 144987
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#5
Bromomethane
Concen: 0.321 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

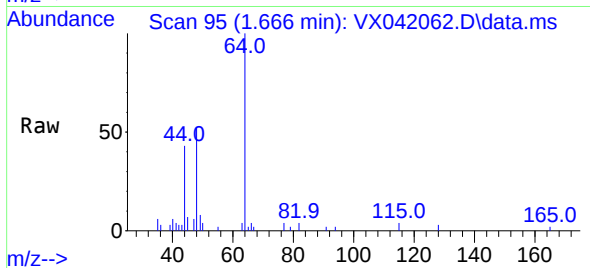
Tgt Ion: 94 Resp: 220
Ion Ratio Lower Upper
94 100
96 52.0 74.6 111.8#



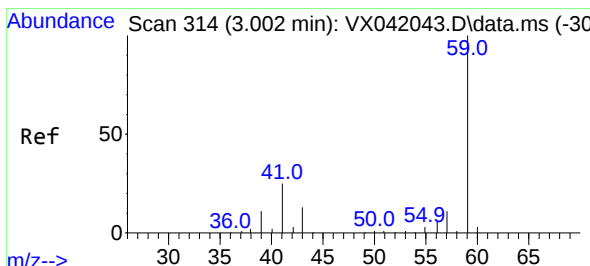
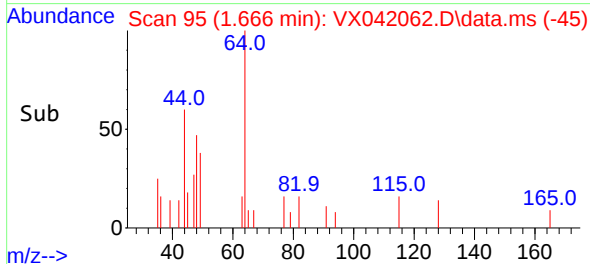
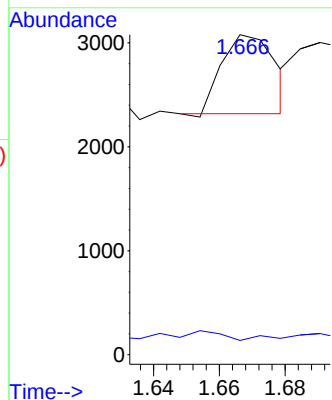


#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

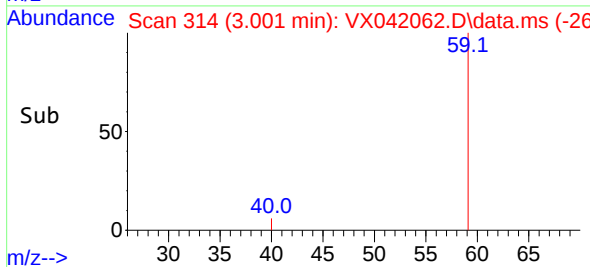
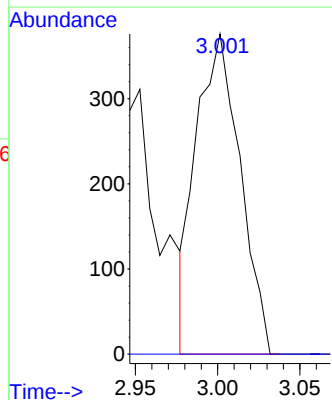
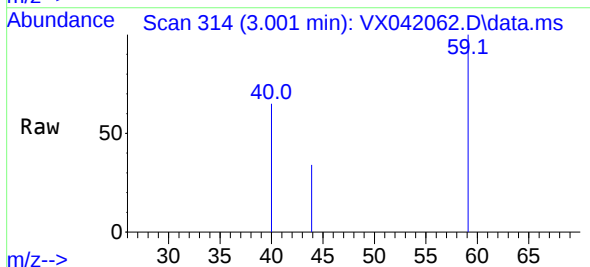


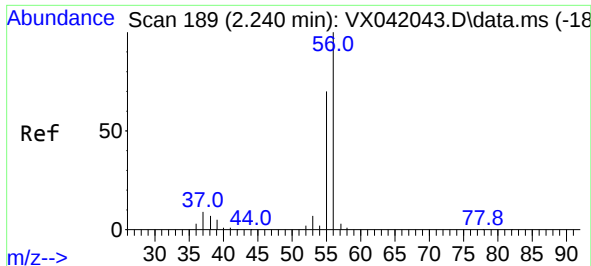
Tgt Ion: 64 Resp: 856
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 2.194 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 59 Resp: 696
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

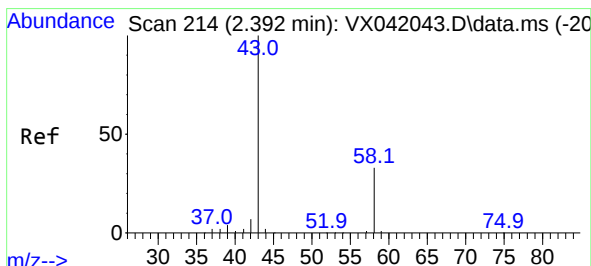
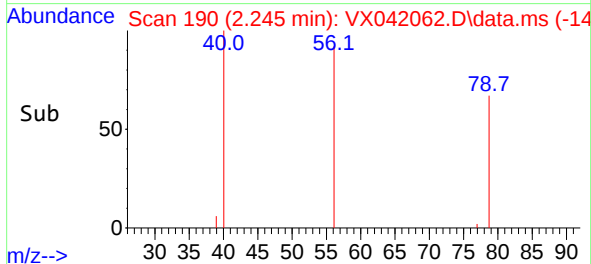
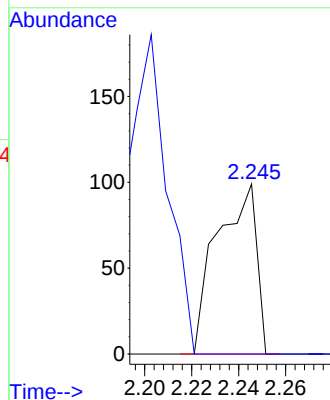
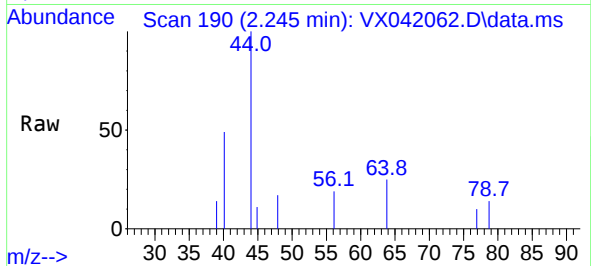




#13
Acrolein
Concen: 0.323 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

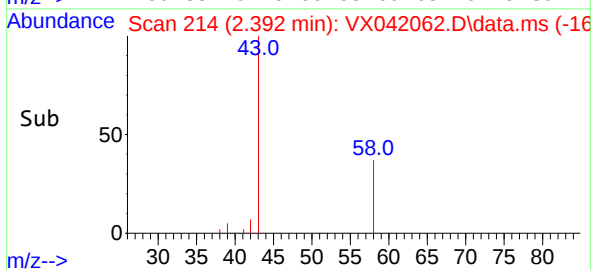
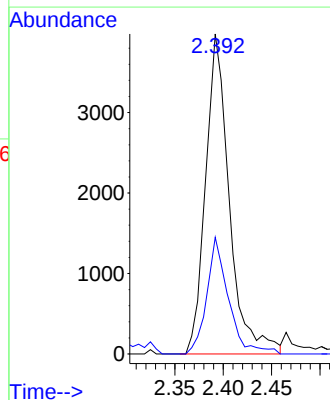
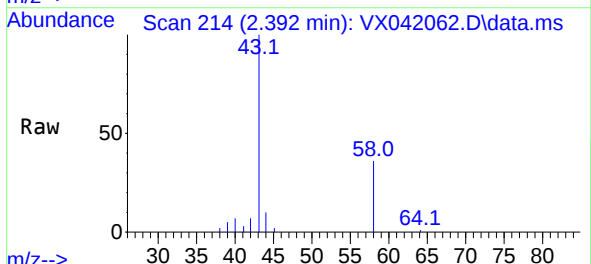
Instrument :
MSVOA_X
ClientSampleId :

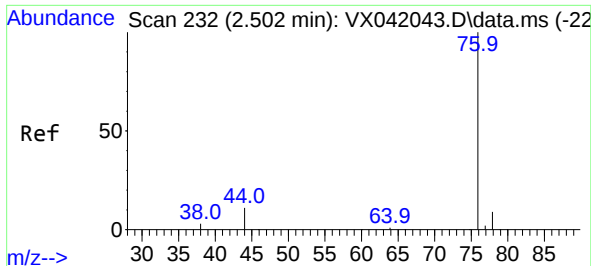
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 9.276 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

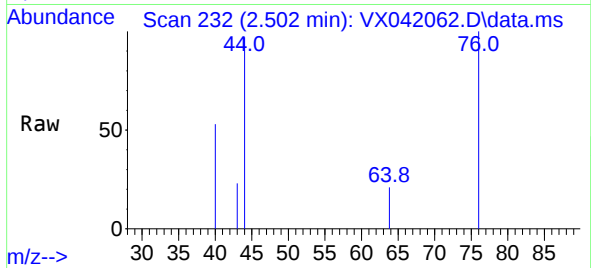
Tgt Ion: 43 Resp: 6810
Ion Ratio Lower Upper
43 100
58 36.4 21.9 32.9#



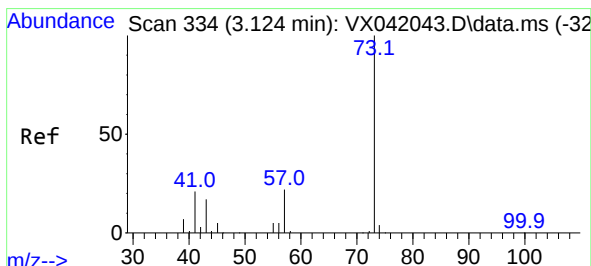
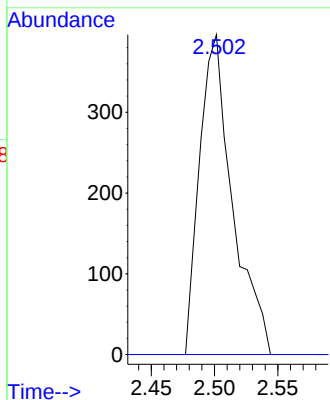
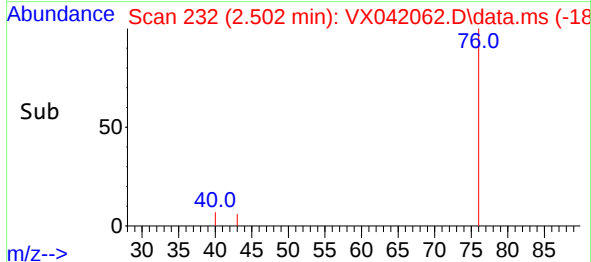


#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

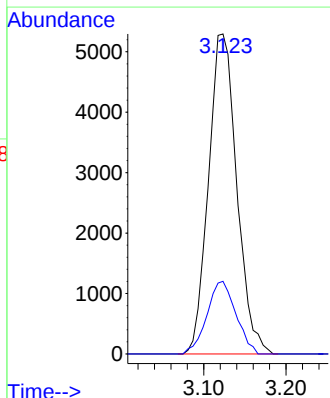
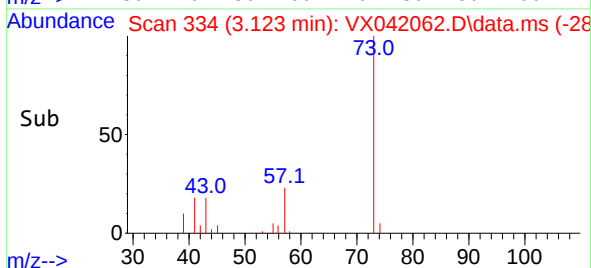
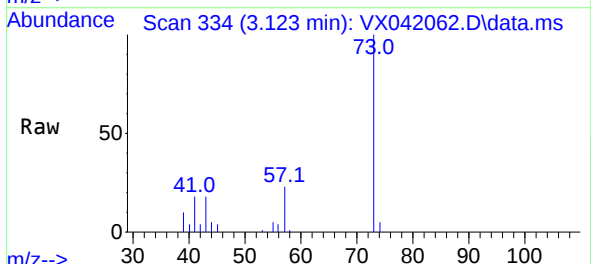


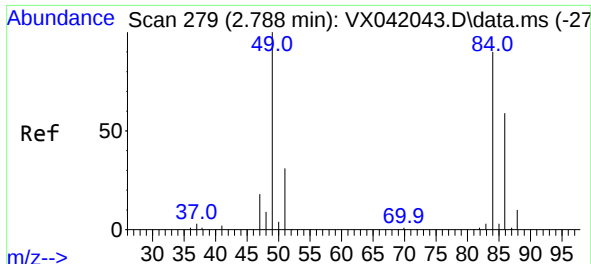
Tgt Ion: 76 Resp: 719
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#19
Methyl tert-butyl Ether
Concen: 3.067 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

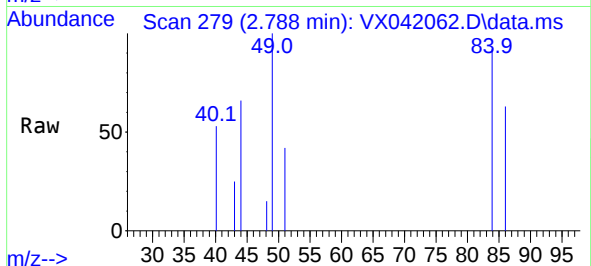
Tgt Ion: 73 Resp: 12670
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9





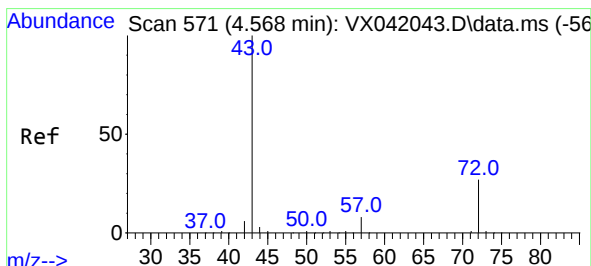
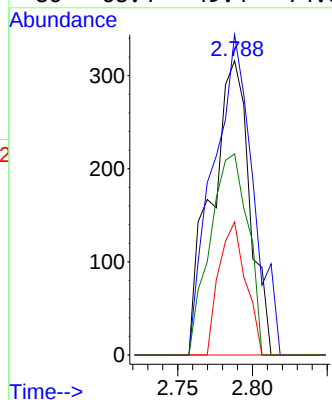
#20
Methylene Chloride
Concen: 0.350 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 563

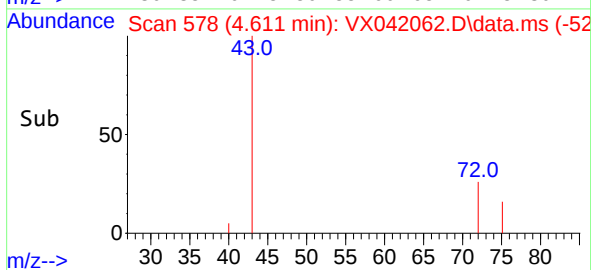
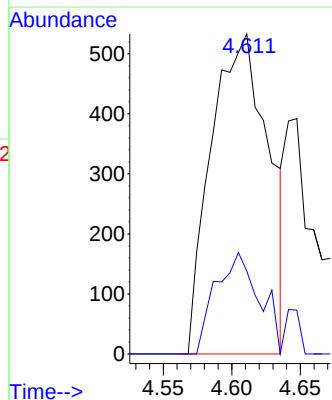
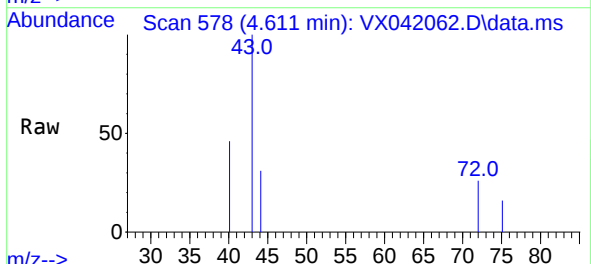
Ion	Ratio	Lower	Upper
84	100		
49	108.9	103.6	155.4
51	45.3	33.8	50.6
86	68.4	49.4	74.0

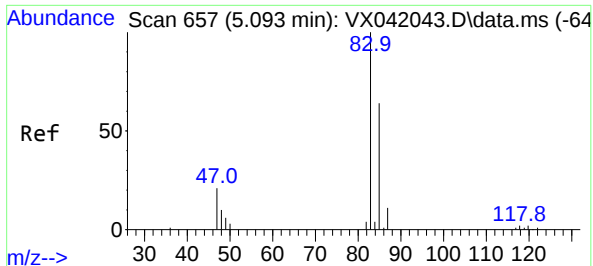


#25
2-Butanone
Concen: 1.353 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.037 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 43 Resp: 1545

Ion	Ratio	Lower	Upper
43	100		
72	25.9	19.4	29.2





#30

Chloroform

Concen: 0.259 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX042062.D

Acq: 26 Jun 2024 18:45

Instrument :

MSVOA_X

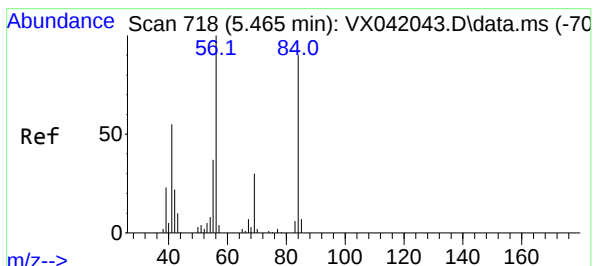
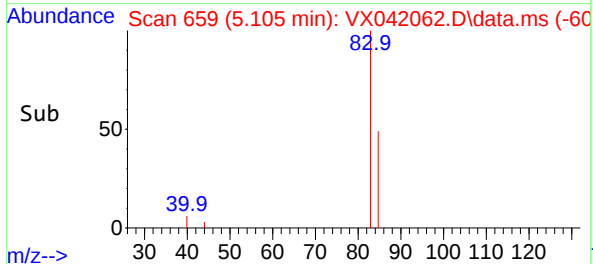
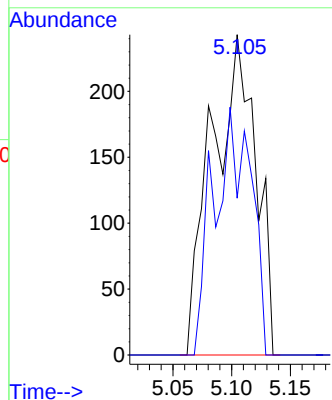
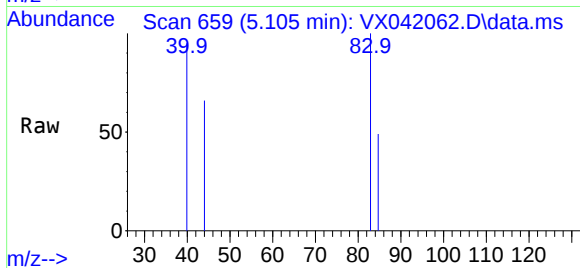
ClientSampleId :

Tgt Ion: 83 Resp: 633

Ion Ratio Lower Upper

83 100

85 49.0 50.3 75.5#



#31

Cyclohexane

Concen: 1.037 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX042062.D

Acq: 26 Jun 2024 18:45

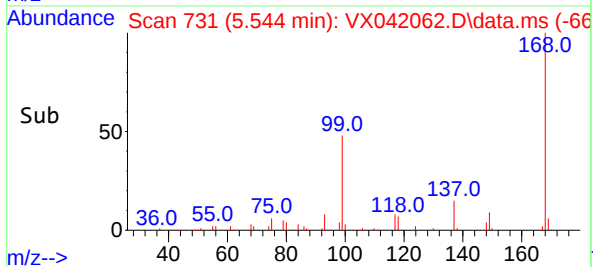
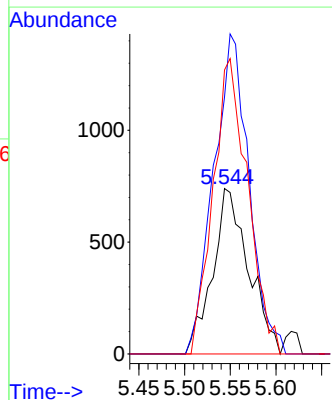
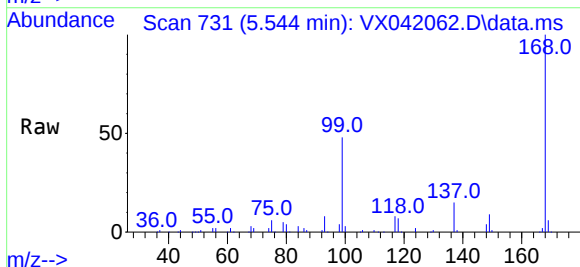
Tgt Ion: 56 Resp: 2028

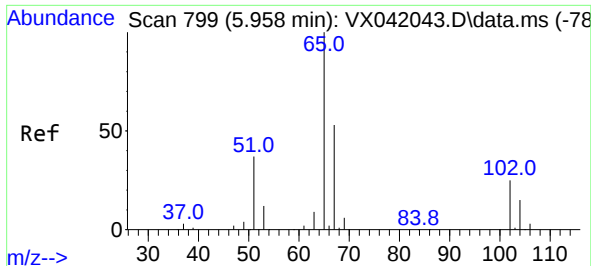
Ion Ratio Lower Upper

56 100

69 155.3 23.4 35.2#

84 171.6 65.9 98.9#

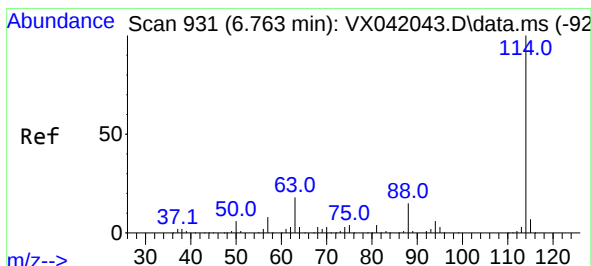
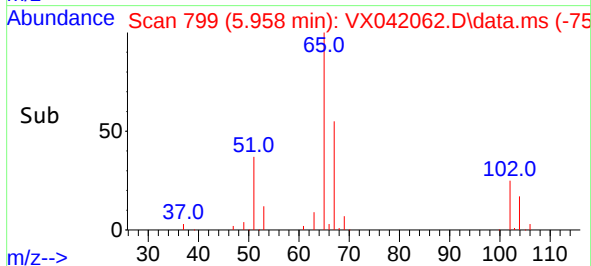
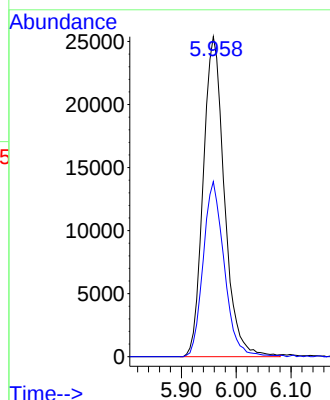
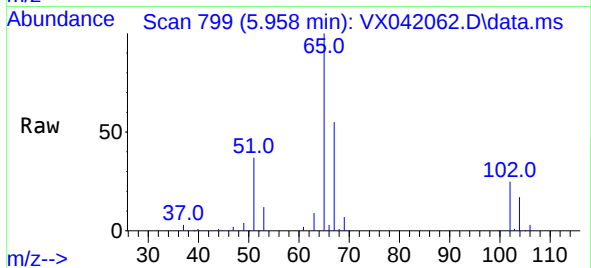




#33
1,2-Dichloroethane-d4
Concen: 40.655 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

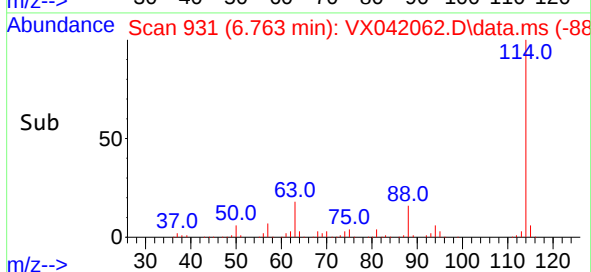
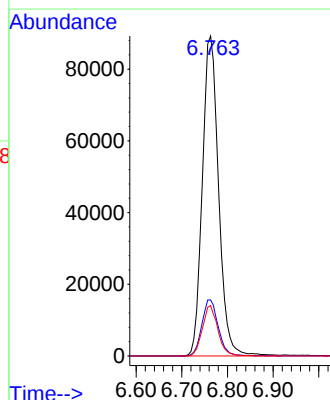
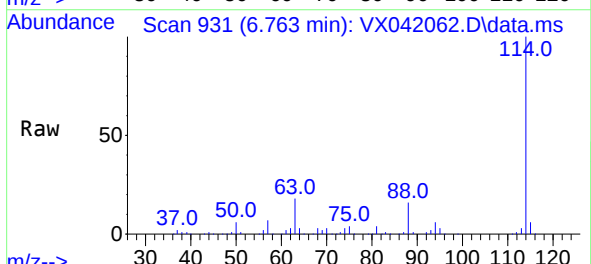
Instrument :
MSVOA_X
ClientSampleId :

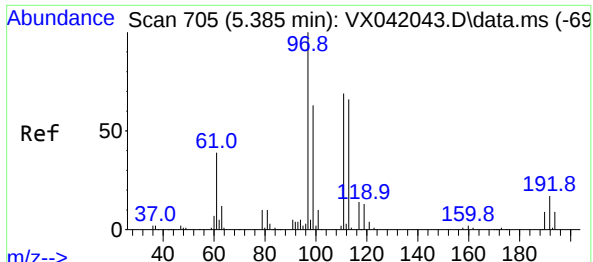
Tgt Ion: 65 Resp: 67971
Ion Ratio Lower Upper
65 100
67 54.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

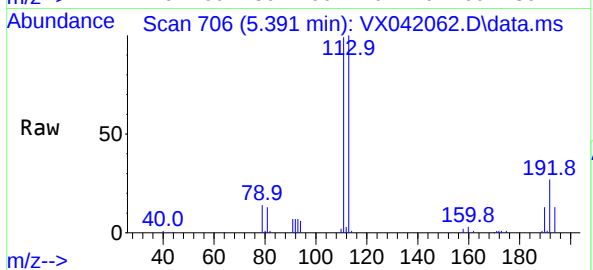
Tgt Ion: 114 Resp: 220744
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 15.7 0.0 36.6



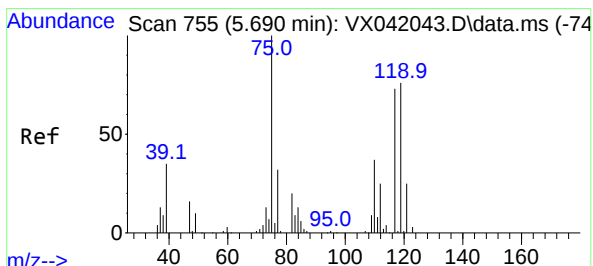
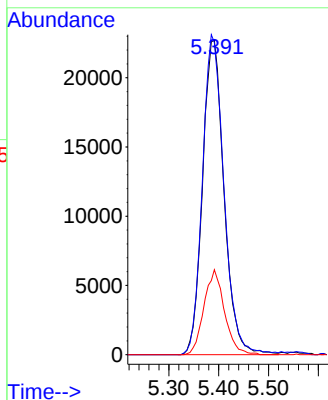
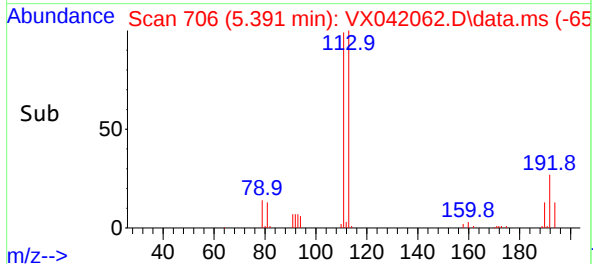


#35
Dibromofluoromethane
Concen: 43.367 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

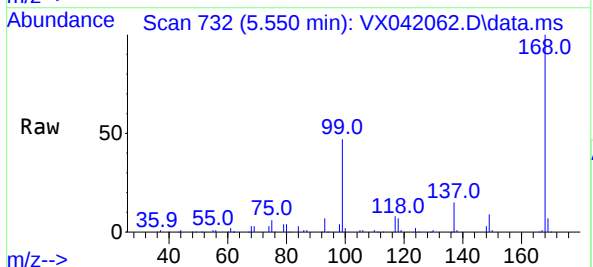
Instrument :
MSVOA_X
ClientSampleId :



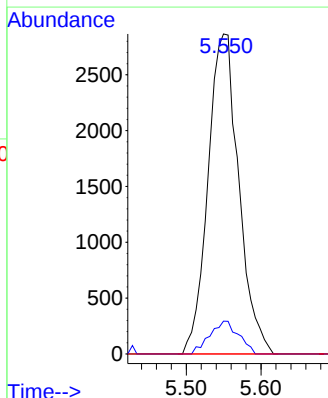
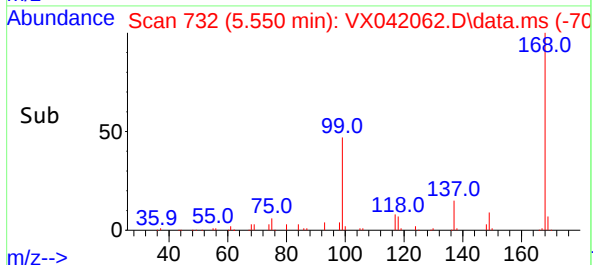
Tgt Ion:113 Resp: 67925
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 25.8 13.3 19.9#

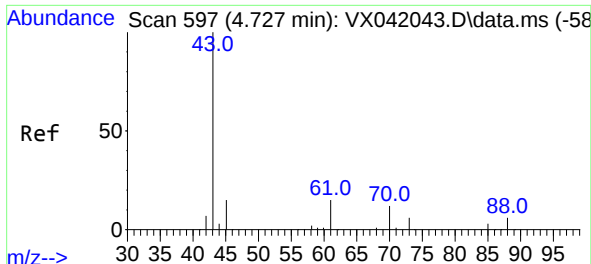


#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45



Tgt Ion: 75 Resp: 8204
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#

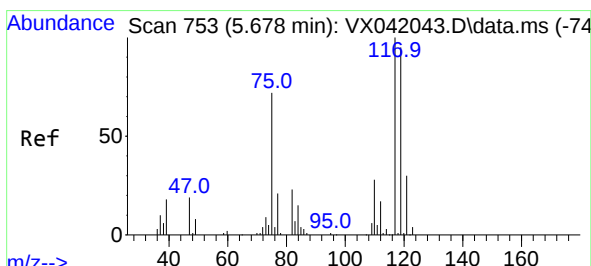
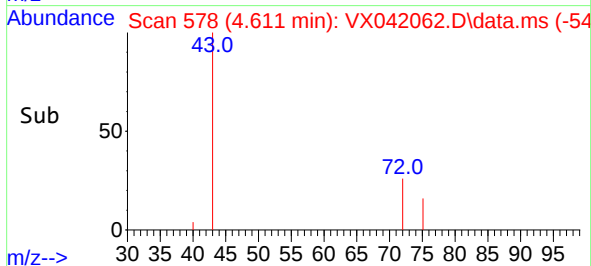
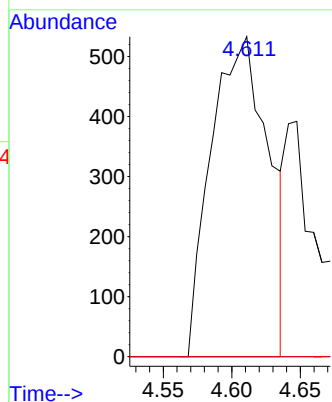
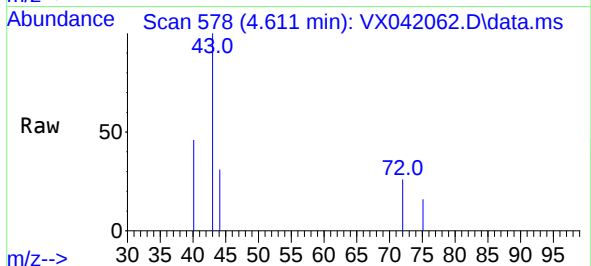




#37
Ethyl Acetate
Concen: 0.713 ug/l
RT: 4.611 min Scan# 51
Delta R.T. -0.116 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

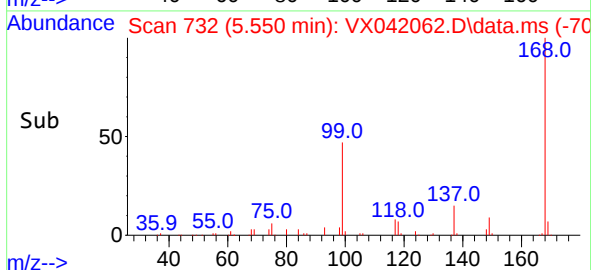
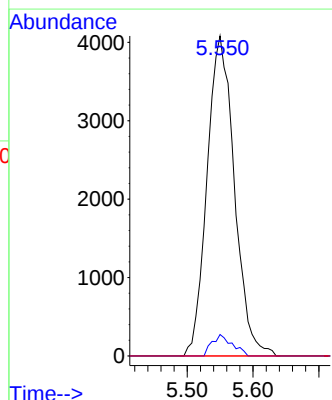
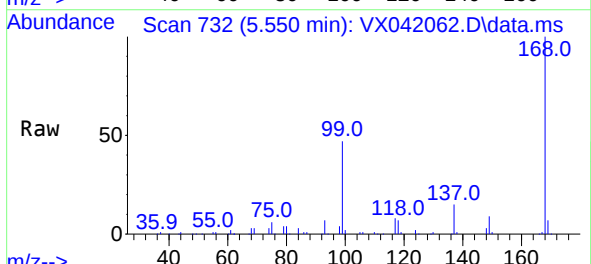
Instrument :
MSVOA_X
ClientSampleId :

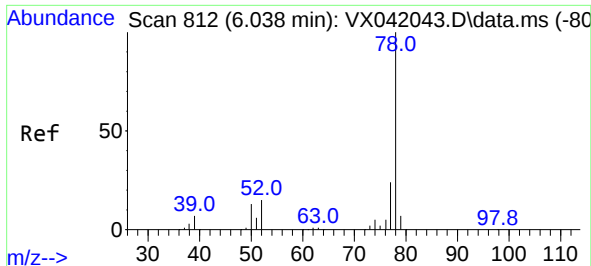
Tgt Ion:	43	Resp:	1545
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.3	12.5#



#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion:	117	Resp:	11809
Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.2	117.2#
121	0.0	24.4	36.6#

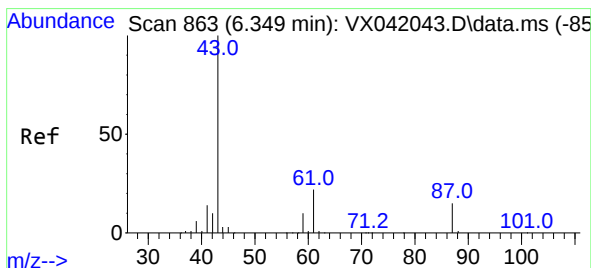
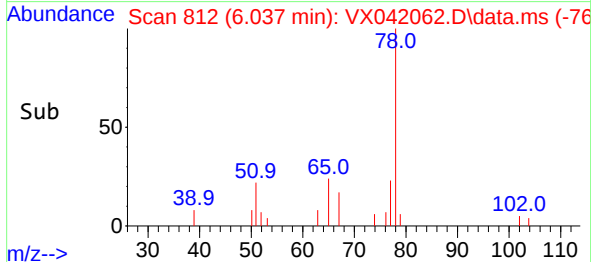
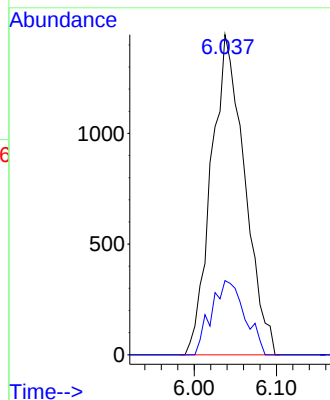
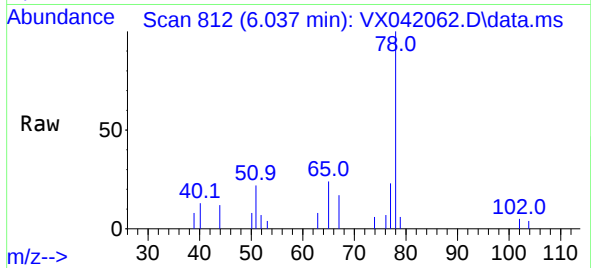




#40
Benzene
Concen: 0.726 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

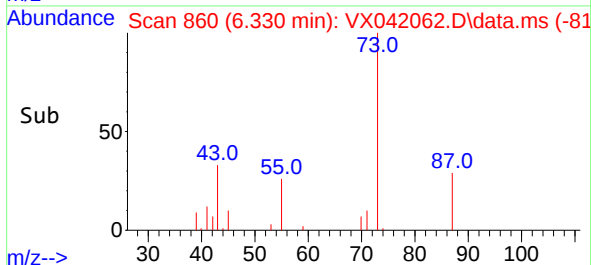
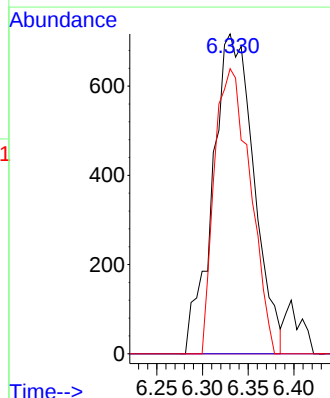
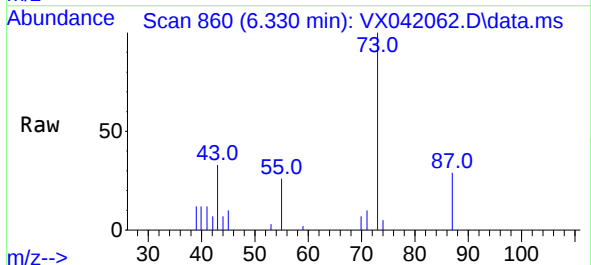
Instrument :
MSVOA_X
ClientSampleId :

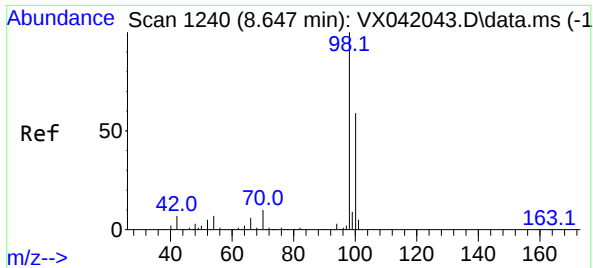
Tgt Ion: 78 Resp: 4075
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9



#43
Isopropyl Acetate
Concen: 0.675 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.018 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 43 Resp: 2246
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 77.1 9.8 14.6#

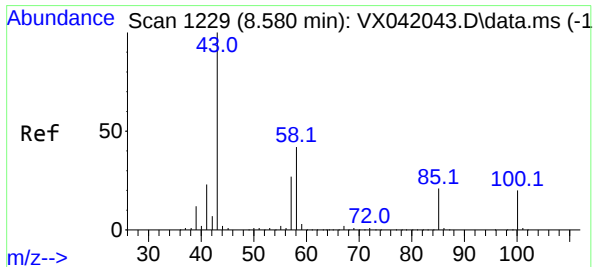
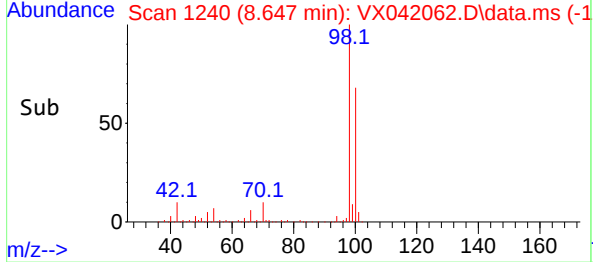
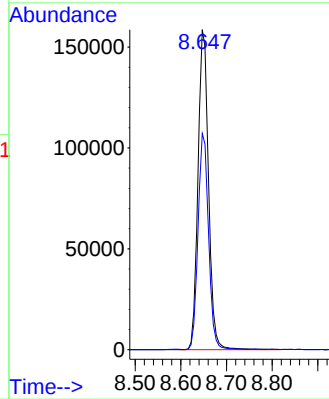
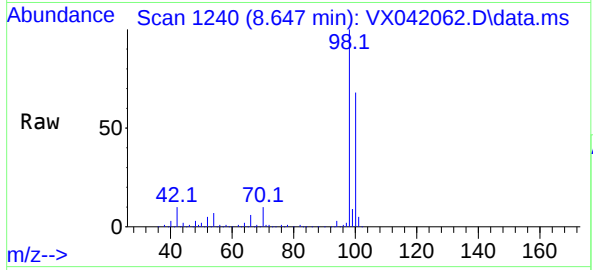




#50
Toluene-d8
Concen: 46.195 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

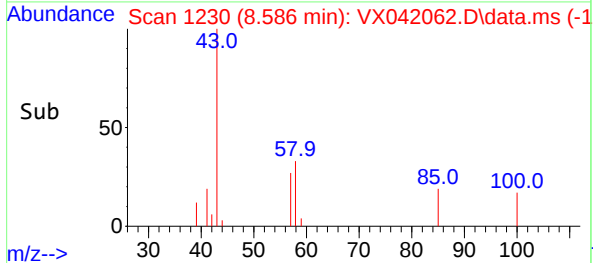
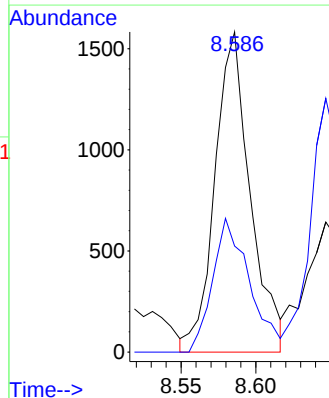
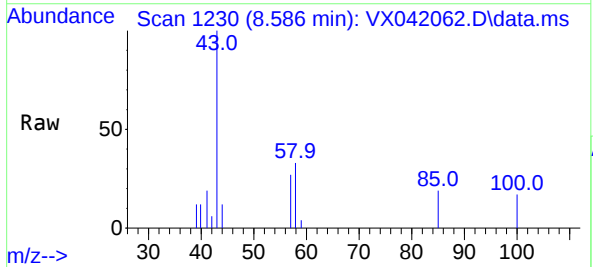
Instrument :
MSVOA_X
ClientSampleId :

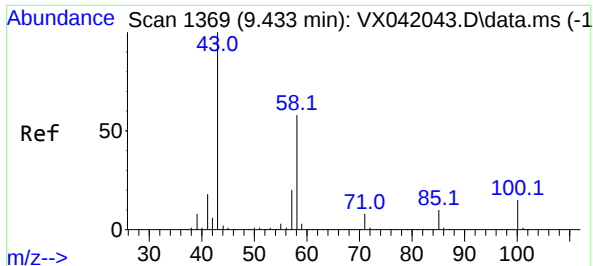
Tgt Ion: 98 Resp: 254185
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.136 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
58 43.4 30.4 45.6





#59

2-Hexanone

Concen: 0.266 ug/l

RT: 9.458 min Scan# 11

Delta R.T. 0.024 min

Lab File: VX042062.D

Acq: 26 Jun 2024 18:45

Instrument :

MSVOA_X

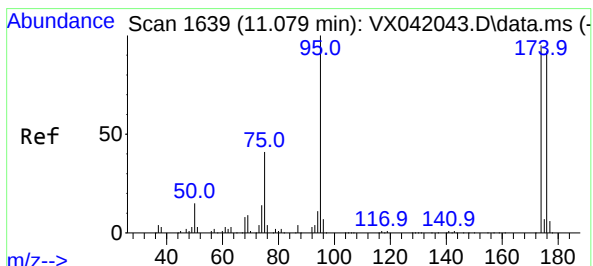
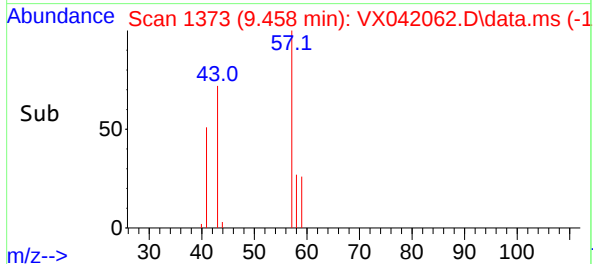
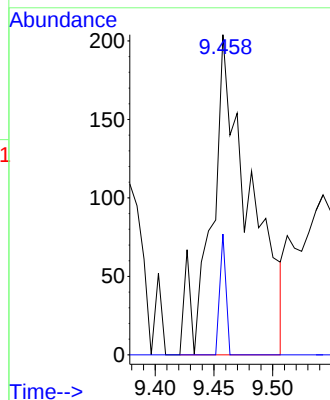
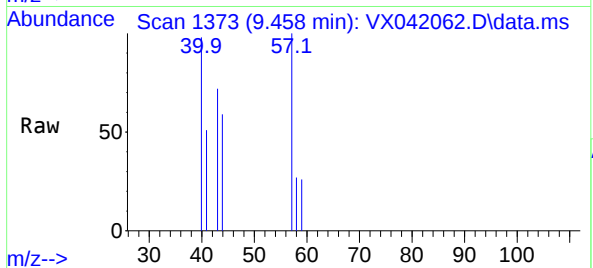
ClientSampleId :

Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

58 6.0 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 47.895 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042062.D

Acq: 26 Jun 2024 18:45

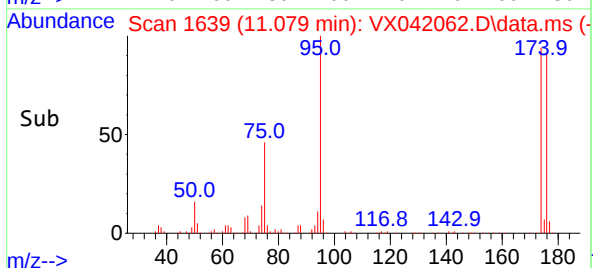
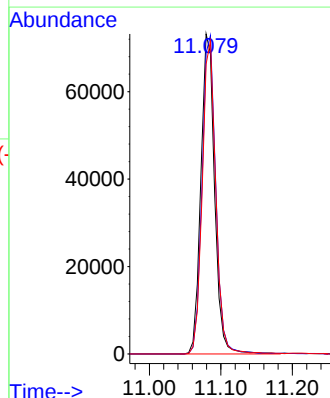
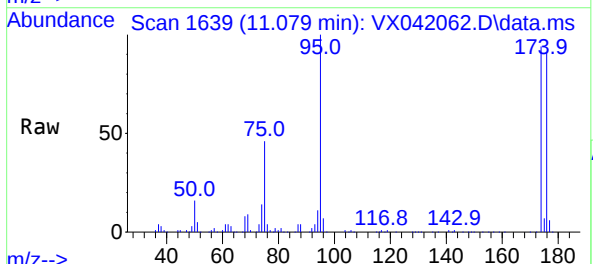
Tgt Ion: 95 Resp: 97148

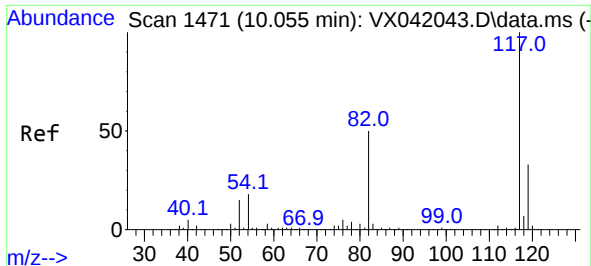
Ion Ratio Lower Upper

95 100

174 99.9 0.0 135.6

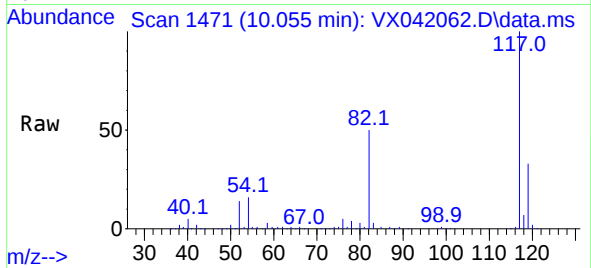
176 96.8 0.0 131.0



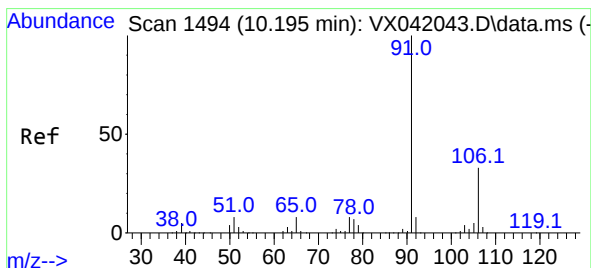
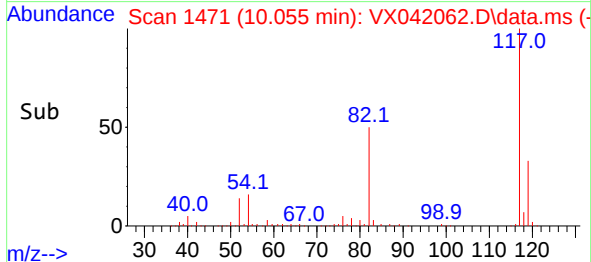
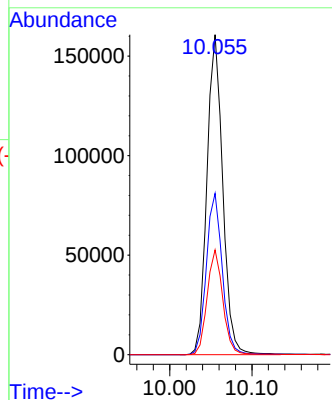


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

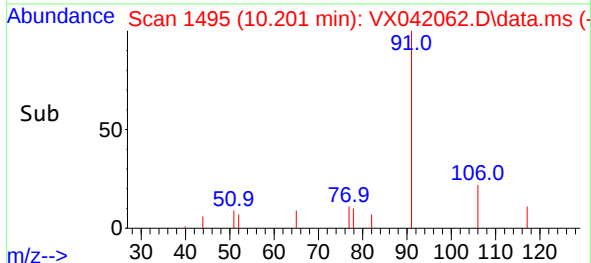
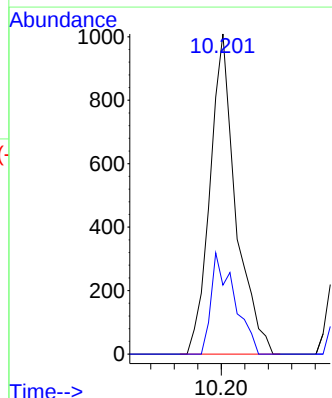
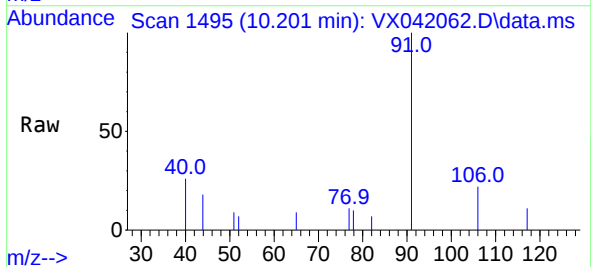


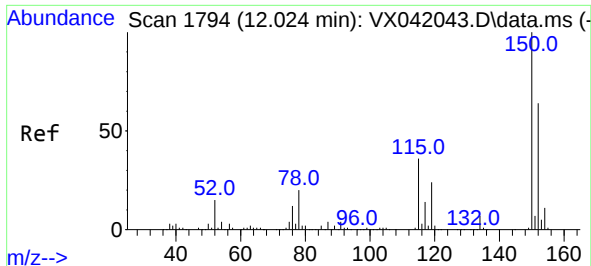
Tgt Ion:117 Resp: 214623
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 0.220 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

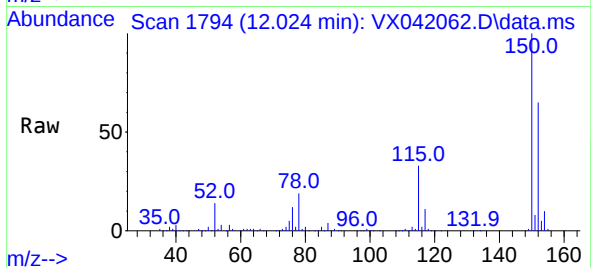
Tgt Ion: 91 Resp: 1538
Ion Ratio Lower Upper
91 100
106 21.5 24.9 37.3#



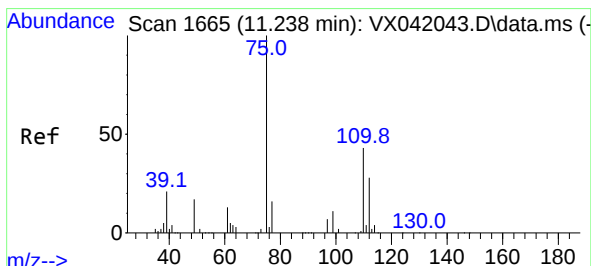
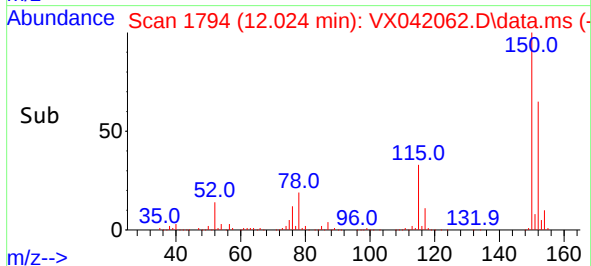
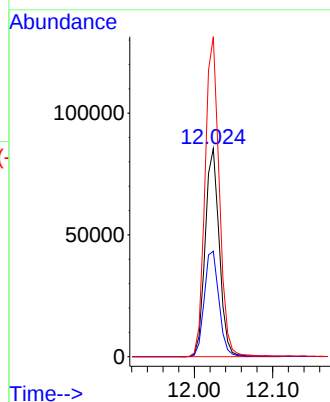


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :

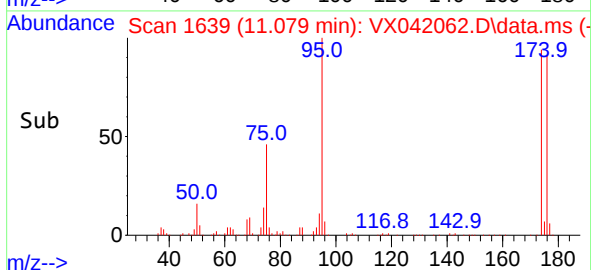
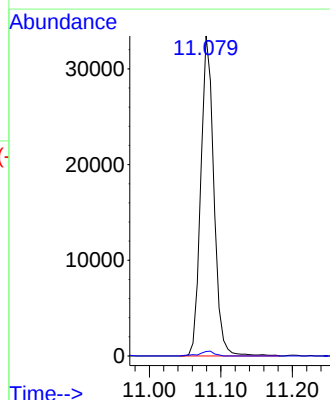
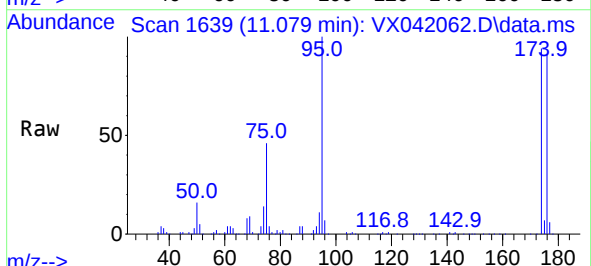


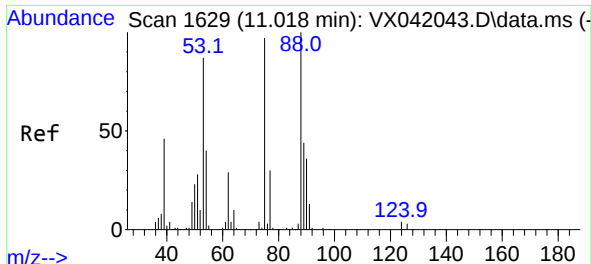
Tgt Ion:152 Resp: 107135
Ion Ratio Lower Upper
152 100
115 52.6 43.3 129.9
150 154.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

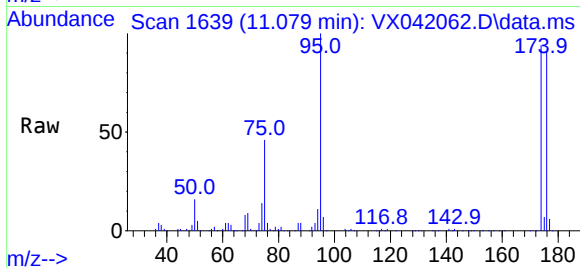
Tgt Ion: 75 Resp: 42560
Ion Ratio Lower Upper
75 100
77 1.7 19.1 57.5#



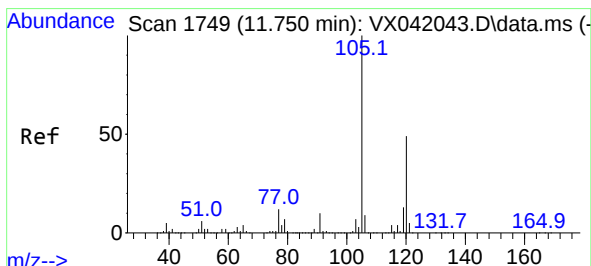
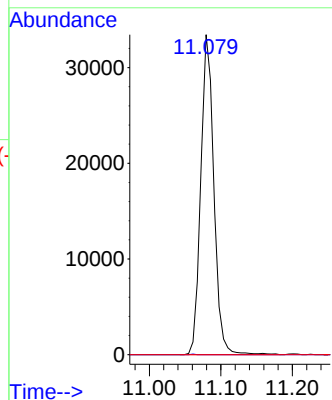
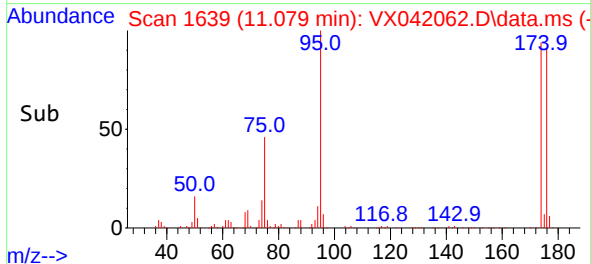


#81
trans-1,4-Dichloro-2-butene
Concen: 62.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

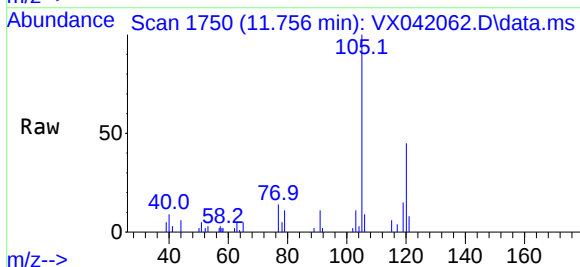
Instrument :
MSVOA_X
ClientSampleId :



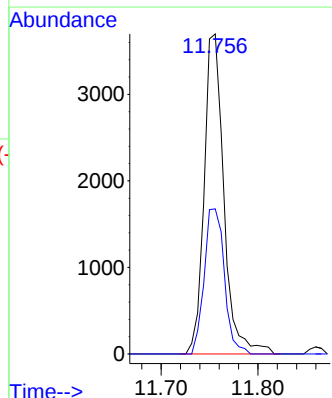
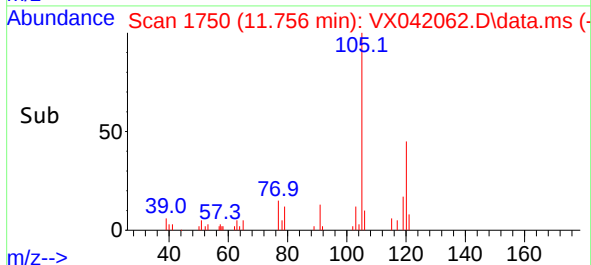
Tgt Ion: 75 Resp: 42560
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

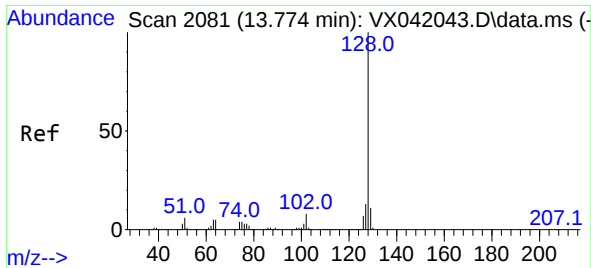


#84
1,2,4-Trimethylbenzene
Concen: 0.966 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45



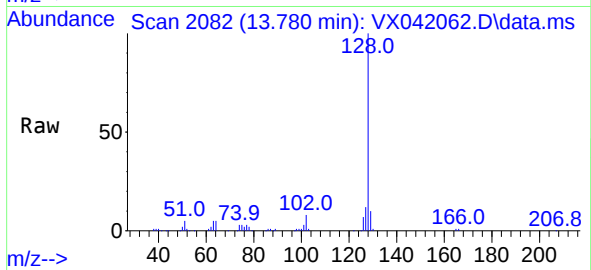
Tgt Ion: 105 Resp: 5259
Ion Ratio Lower Upper
105 100
120 46.3 21.2 63.6





#95
Naphthalene
Concen: 7.716 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	54337
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.8	13.2

