

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040162.D
 Acq On : 07 Feb 2024 19:10
 Operator : JC/MD
 Sample : P1378-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 00:36:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

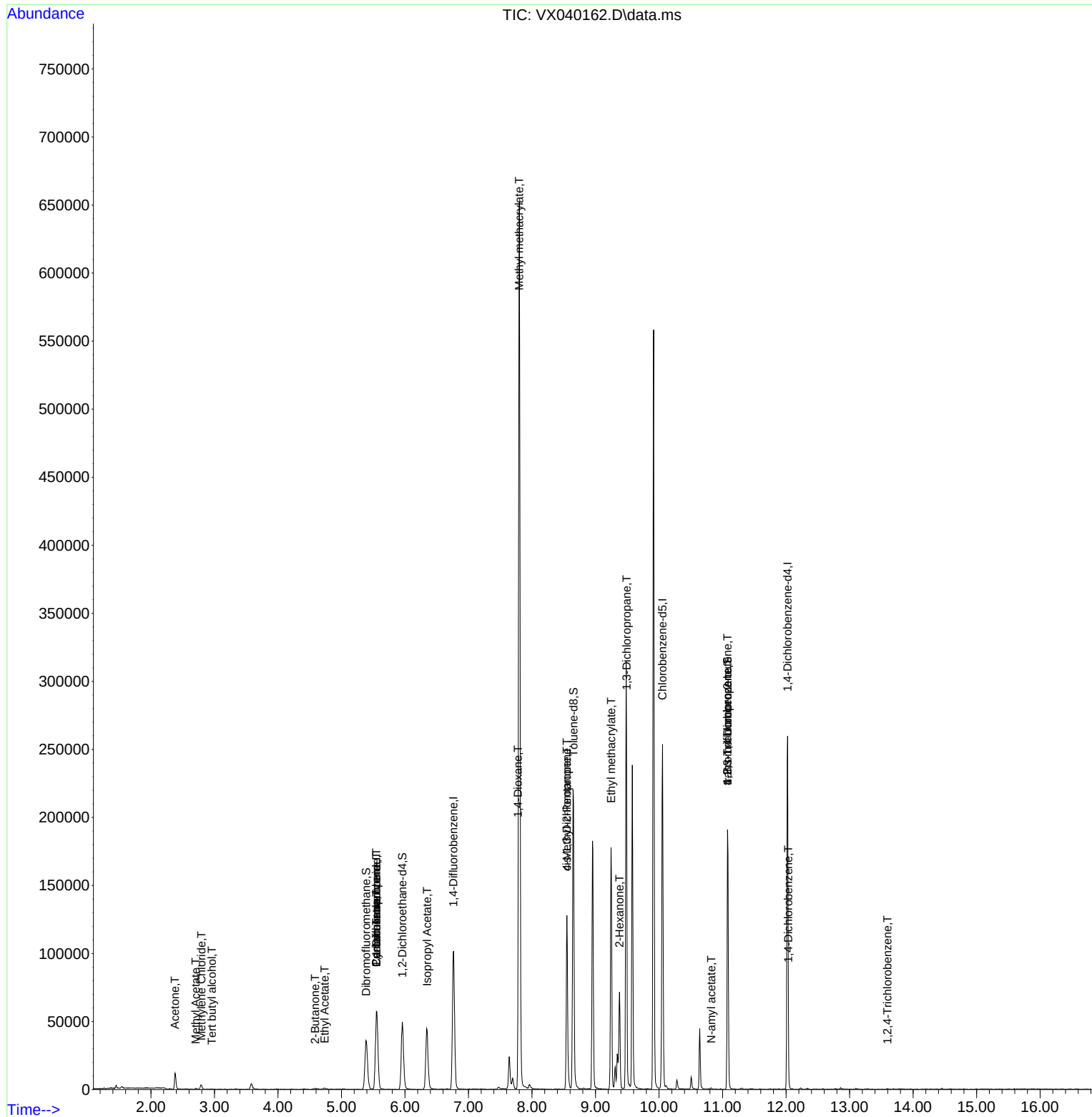
Internal Standards						
1) Pentafluorobenzene	5.550	168	46541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45334	60.525	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 121.040%#	
35) Dibromofluoromethane	5.385	113	29592	46.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.760%	
50) Toluene-d8	8.653	98	126358	53.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	11.079	95	49456	54.410	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	175	1.288	ug/l #	78
16) Acetone	2.379	43	12374	35.258	ug/l	94
18) Methyl Acetate	2.703	43	802	0.965	ug/l #	73
20) Methylene Chloride	2.794	84	1419	2.275	ug/l #	92
25) 2-Butanone	4.586	43	591	1.211	ug/l	95
31) Cyclohexane	5.550	56	1591	1.696	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	5035	5.515	ug/l #	50
37) Ethyl Acetate	4.733	43	1109	1.112	ug/l #	88
38) Carbon Tetrachloride	5.550	117	5608	6.420	ug/l #	15
43) Isopropyl Acetate	6.348	43	62786	39.934	ug/l	95
48) Methyl methacrylate	7.799	41	57506	74.249	ug/l #	51
49) 1,4-Dioxane	7.781	88	21	1.248	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	46171	43.019	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	17280	16.637	ug/l #	69
56) Ethyl methacrylate	9.244	69	377	0.376	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	2342	2.073	ug/l #	42
59) 2-Hexanone	9.378	43	54537	63.732	ug/l #	26
74) N-amyl acetate	10.823	43	404	0.464	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	28996	29.101	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	28996	83.879	ug/l #	5
88) 1,4-Dichlorobenzene	12.036	146	338	0.211	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	205	0.218	ug/l #	72

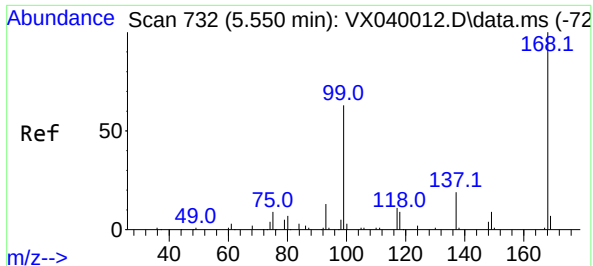
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 08 00:36:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration



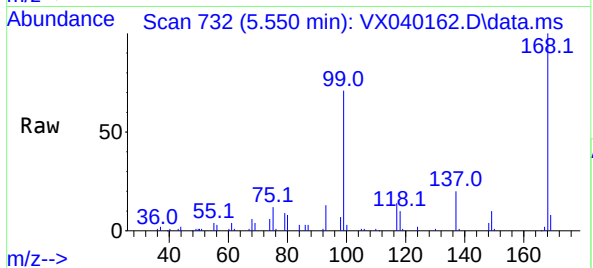


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

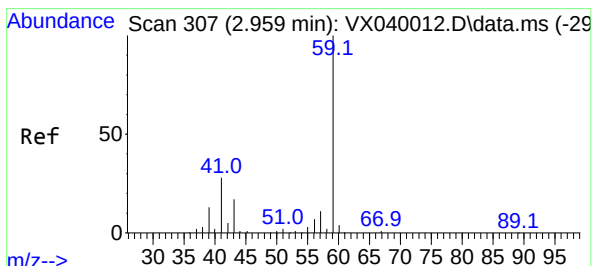
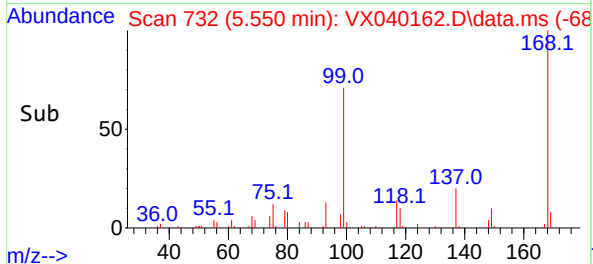
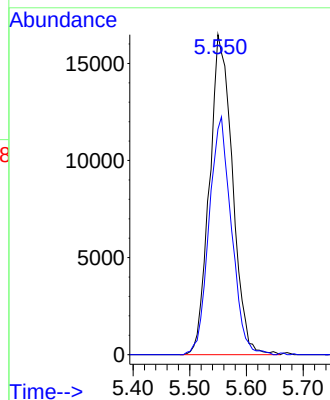
Instrument :

MSVOA_X

ClientSampleId :

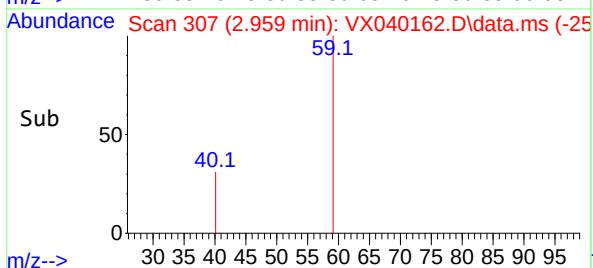
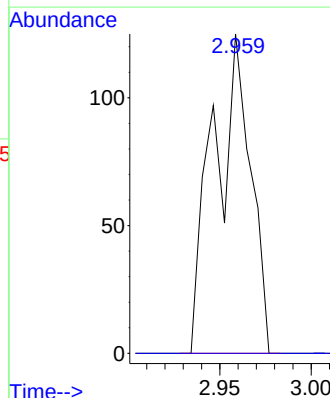
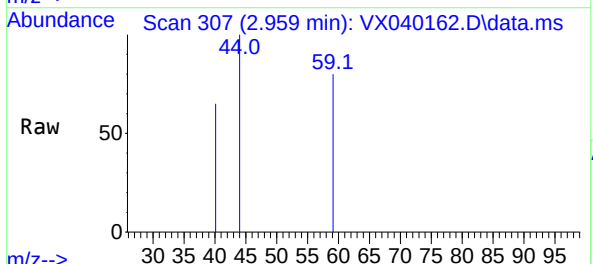


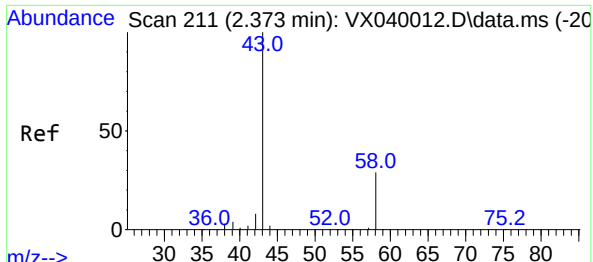
Tgt Ion:168 Resp: 46541
Ion Ratio Lower Upper
168 100
99 70.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.288 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

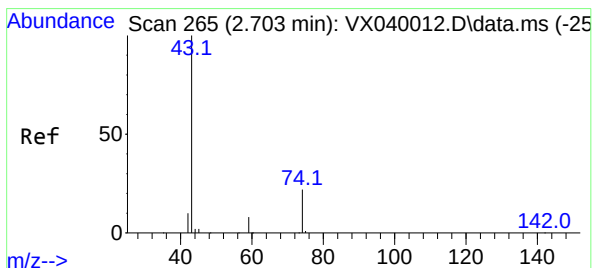
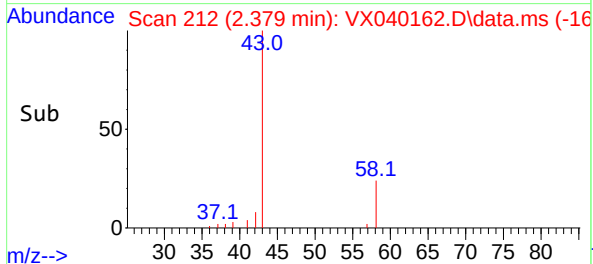
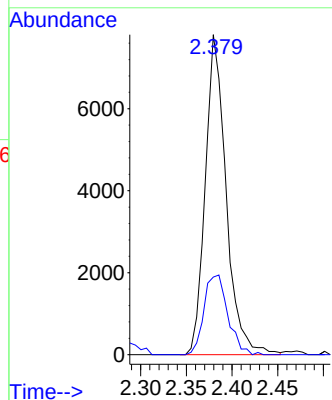
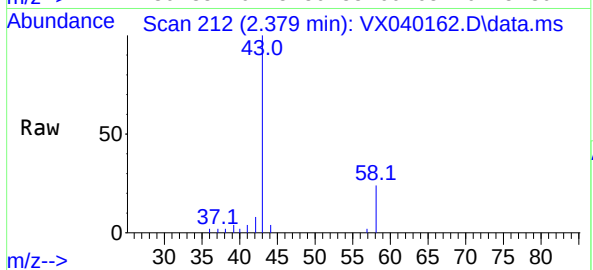




#16
Acetone
Concen: 35.258 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

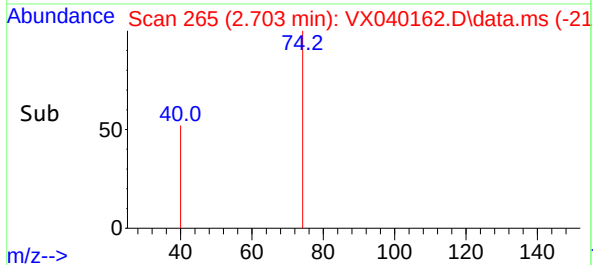
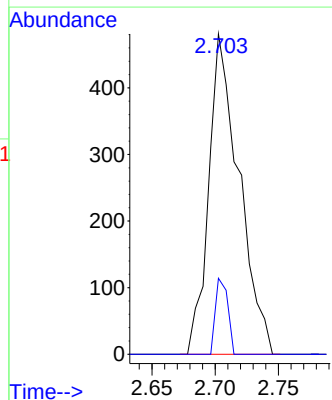
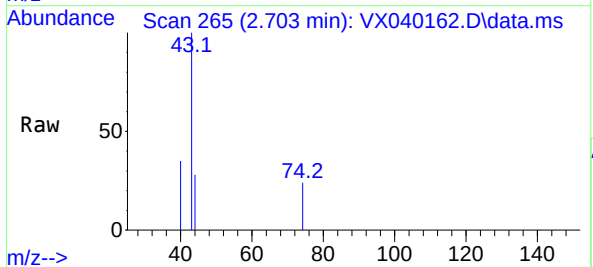
Instrument :
MSVOA_X
ClientSampleId :

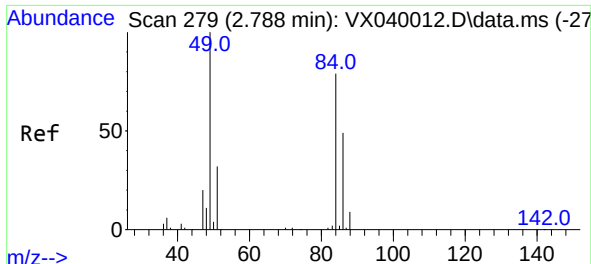
Tgt Ion: 43 Resp: 12374
Ion Ratio Lower Upper
43 100
58 24.3 21.9 32.9



#18
Methyl Acetate
Concen: 0.965 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

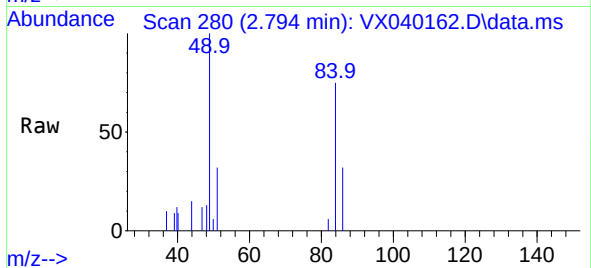
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
74 9.6 17.8 26.8#



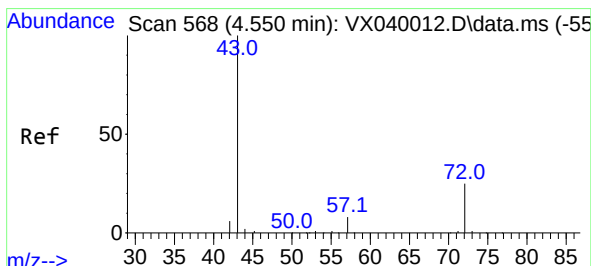
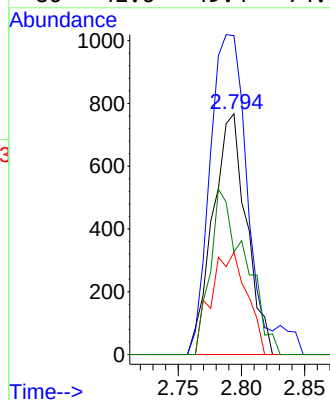
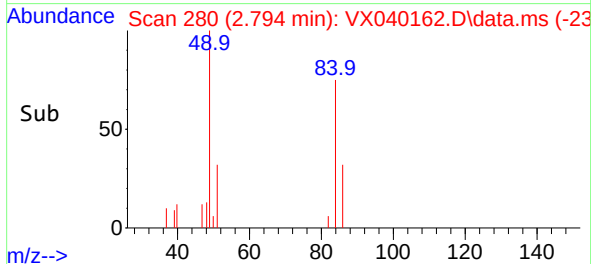


#20
Methylene Chloride
Concen: 2.275 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :

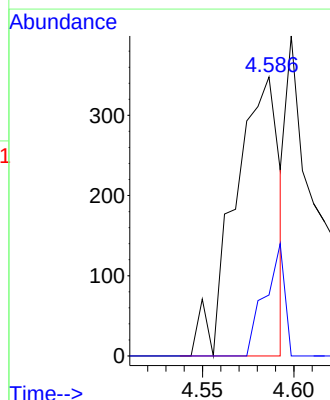
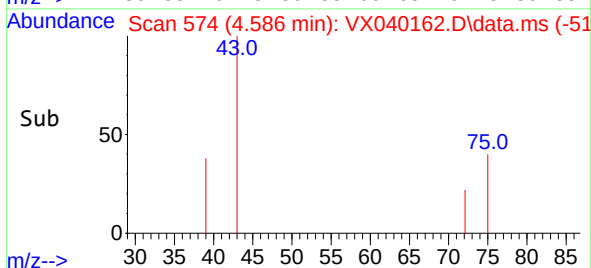
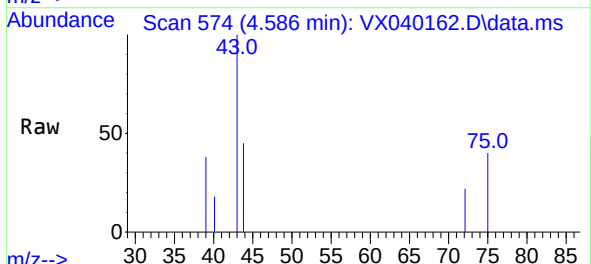


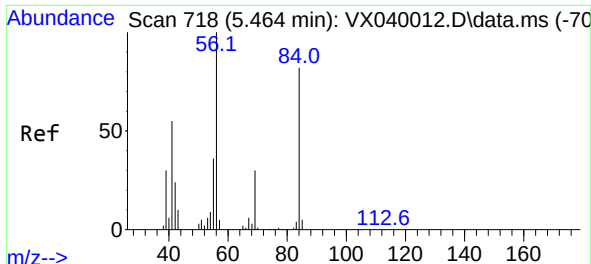
Tgt Ion: 84 Resp: 1419
Ion Ratio Lower Upper
84 100
49 132.5 103.6 155.4
51 42.5 33.8 50.6
86 42.6 49.4 74.0#



#25
2-Butanone
Concen: 1.211 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.036 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

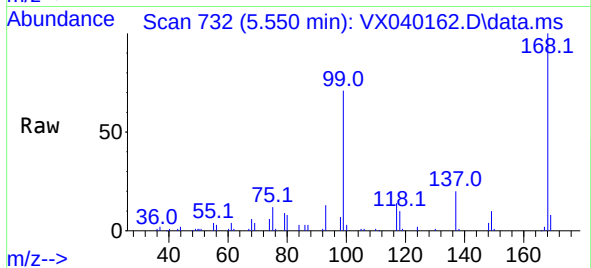
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
72 21.8 19.4 29.2



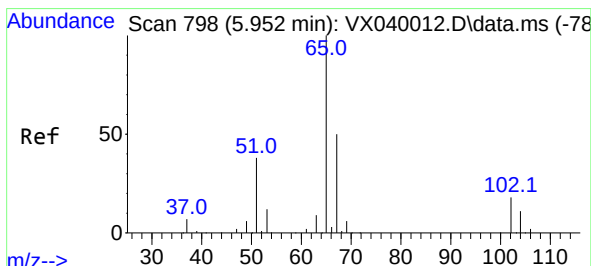
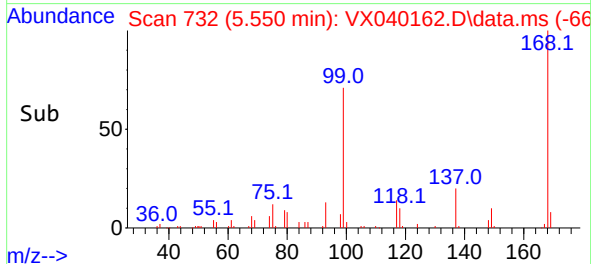
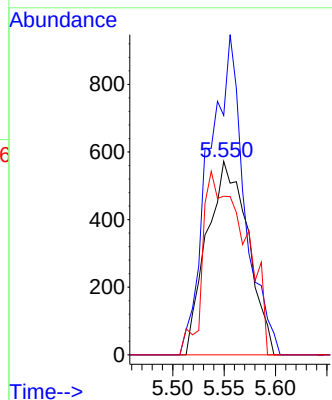


#31
Cyclohexane
Concen: 1.696 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :

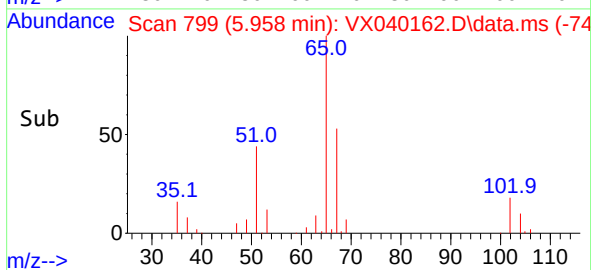
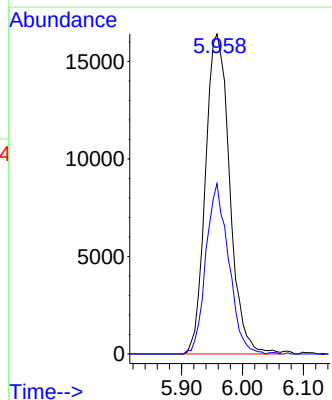
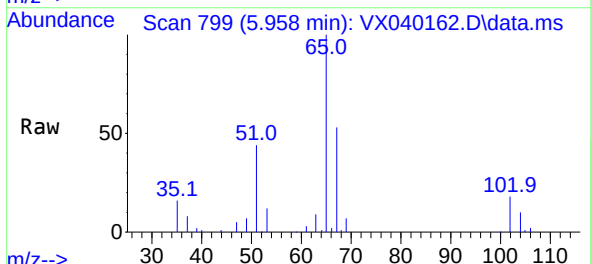


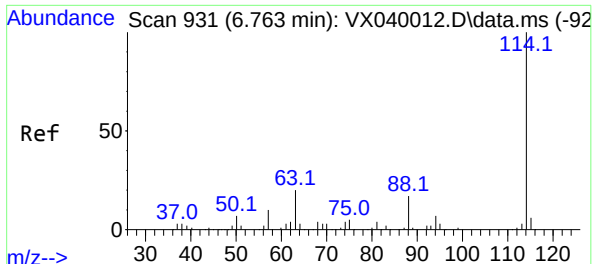
Tgt Ion: 56 Resp: 1591
Ion Ratio Lower Upper
56 100
69 123.8 23.4 35.2#
84 82.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 60.525 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

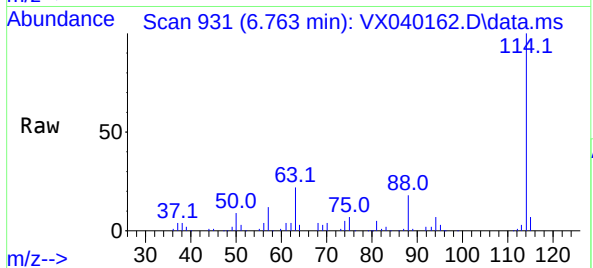
Tgt Ion: 65 Resp: 45334
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.2



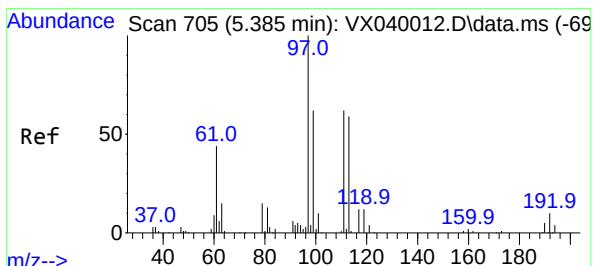
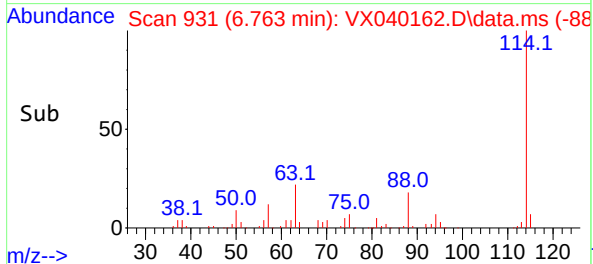
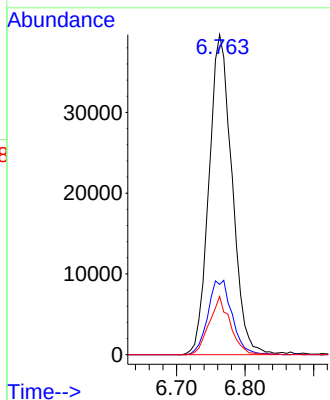


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :

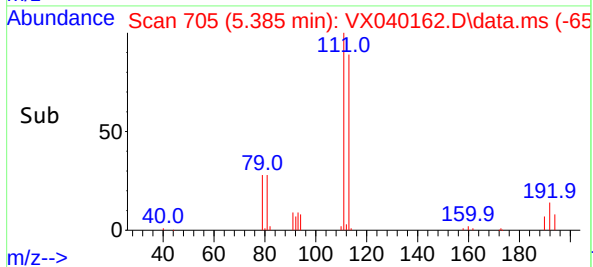
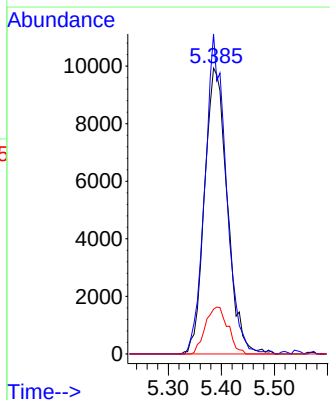
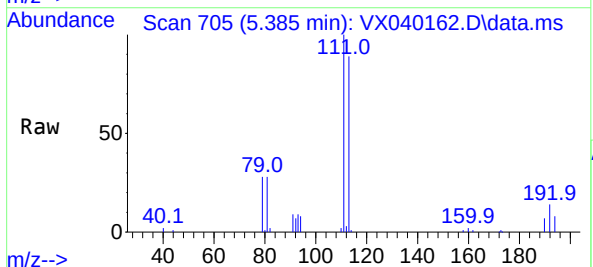


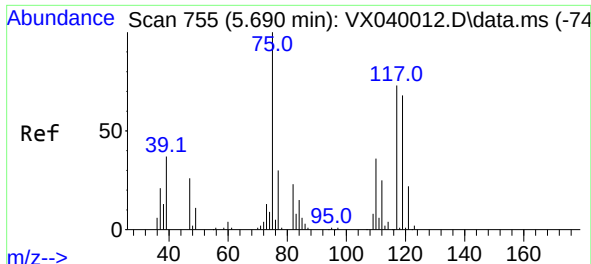
Tgt Ion:114 Resp: 92727
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 18.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.880 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

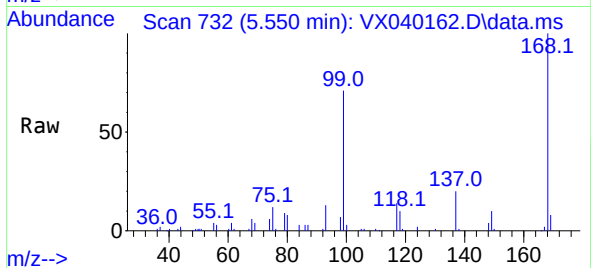
Tgt Ion:113 Resp: 29592
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.2 13.3 19.9



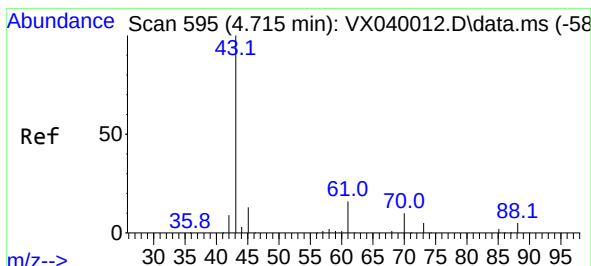
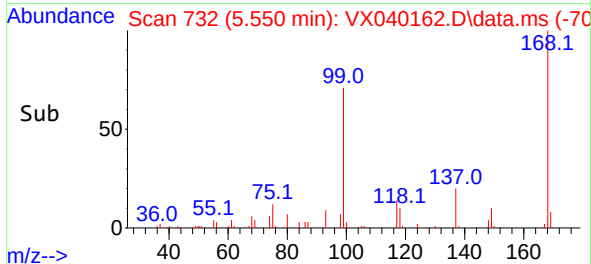
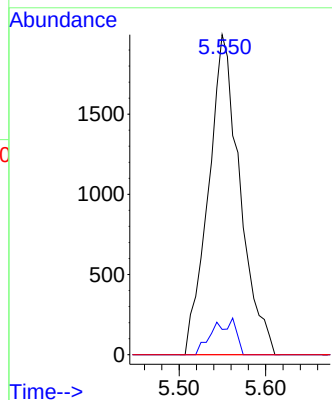


#36
1,1-Dichloropropene
Concen: 5.515 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :

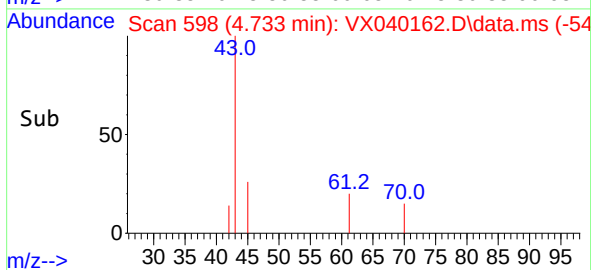
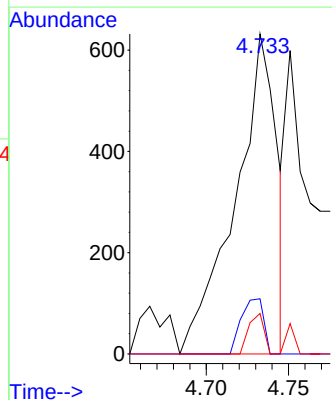
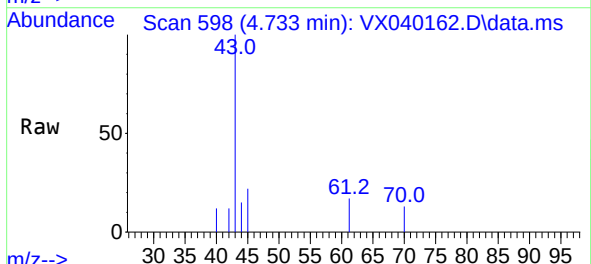


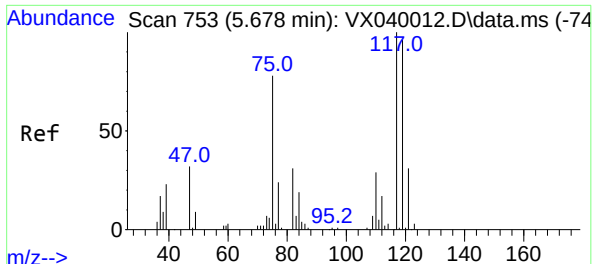
Tgt Ion: 75 Resp: 5035
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.112 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.018 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

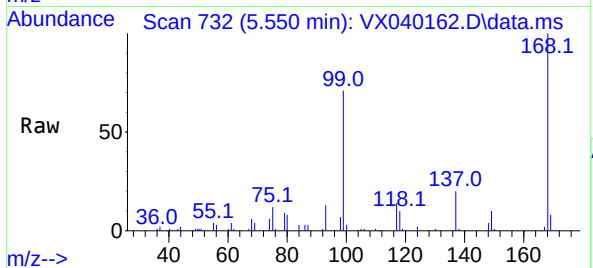
Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
61 9.3 10.6 16.0#
70 4.7 8.3 12.5#



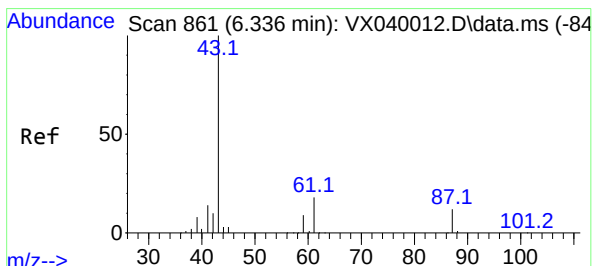
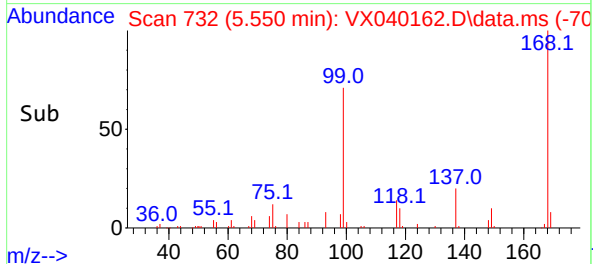
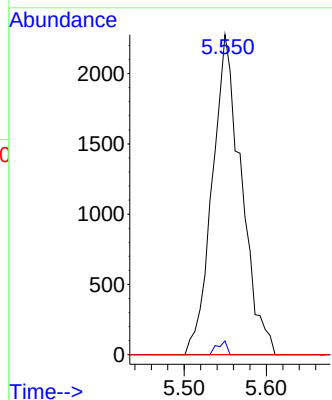


#38
Carbon Tetrachloride
Concen: 6.420 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :

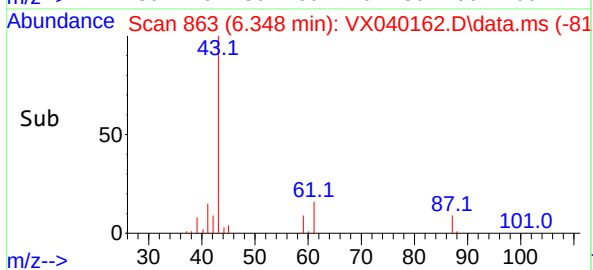
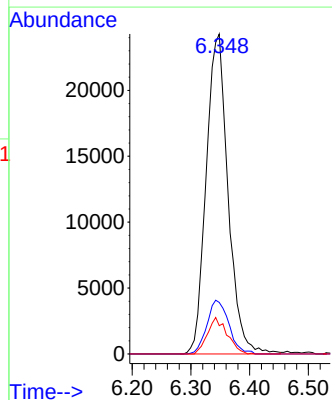
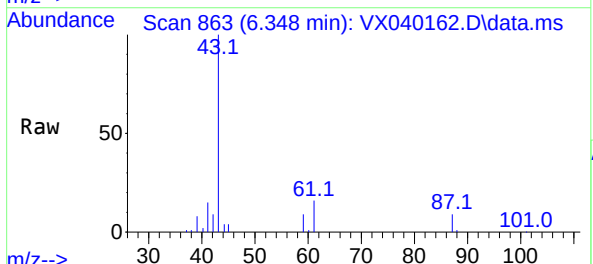


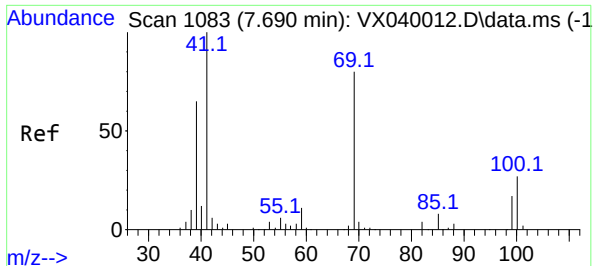
Tgt Ion:117 Resp: 5608
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 39.934 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Tgt Ion: 43 Resp: 62786
Ion Ratio Lower Upper
43 100
61 16.8 15.2 22.8
87 10.3 9.8 14.6





#48

Methyl methacrylate

Concen: 74.249 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX040162.D

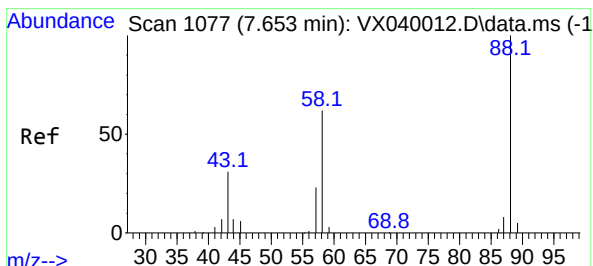
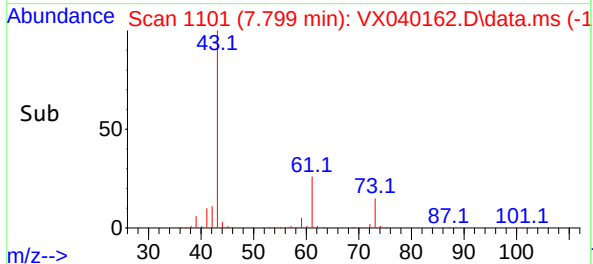
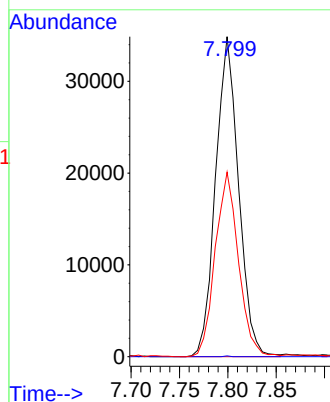
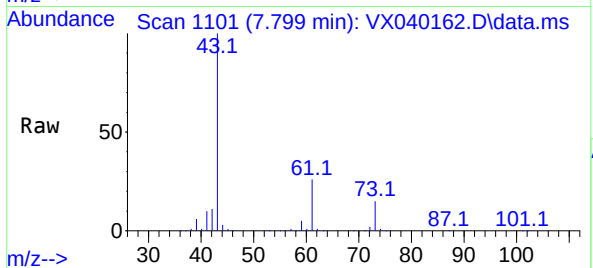
Acq: 07 Feb 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	57506
Ion	Ratio	Lower	Upper
41	100		
69	0.1	59.2	88.8#
39	58.4	47.7	71.5



#49

1,4-Dioxane

Concen: 1.248 ug/l

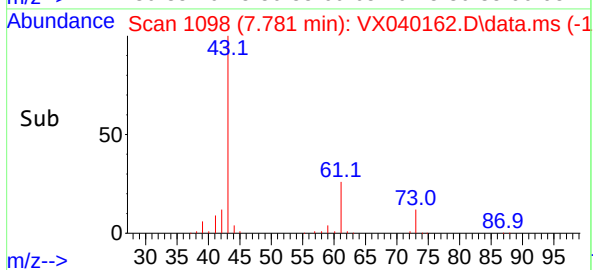
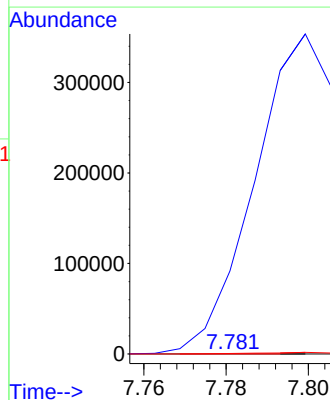
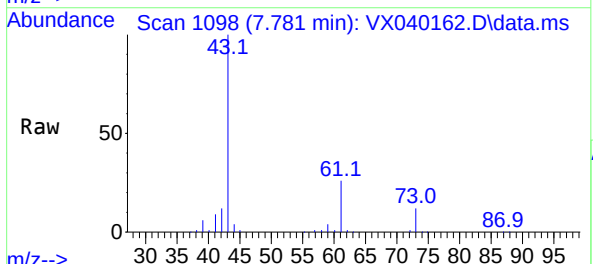
RT: 7.781 min Scan# 1098

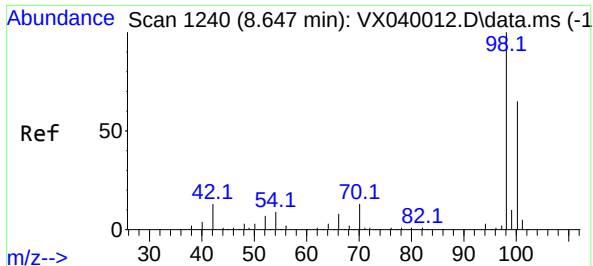
Delta R.T. 0.128 min

Lab File: VX040162.D

Acq: 07 Feb 2024 19:10

Tgt Ion:	88	Resp:	21
Ion	Ratio	Lower	Upper
88	100		
43	2853009.5	0.0	0.0#
58	12085.7	60.1	90.1#





#50

Toluene-d8

Concen: 53.528 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX040162.D

Acq: 07 Feb 2024 19:10

Instrument :

MSVOA_X

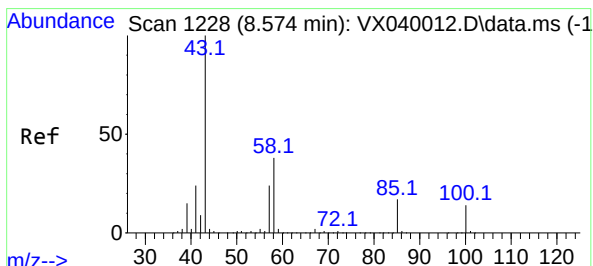
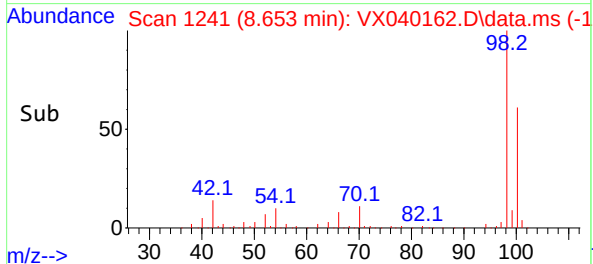
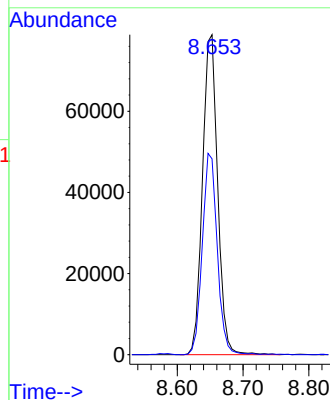
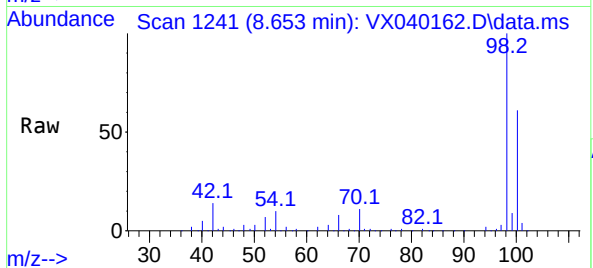
ClientSampleId :

Tgt Ion: 98 Resp: 126358

Ion Ratio Lower Upper

98 100

100 62.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 43.019 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.025 min

Lab File: VX040162.D

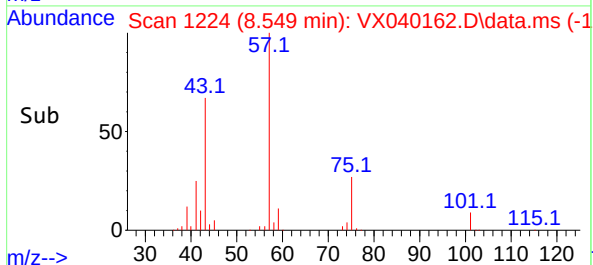
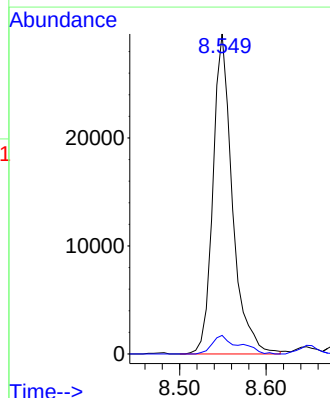
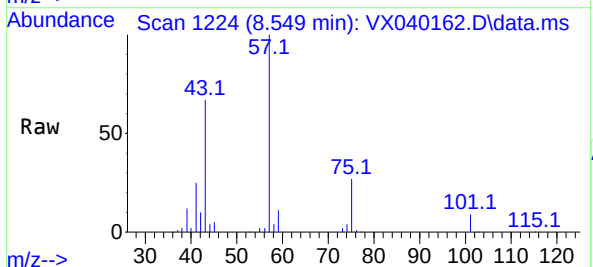
Acq: 07 Feb 2024 19:10

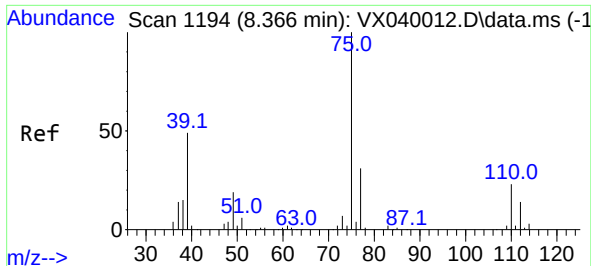
Tgt Ion: 43 Resp: 46171

Ion Ratio Lower Upper

43 100

58 7.9 30.4 45.6#

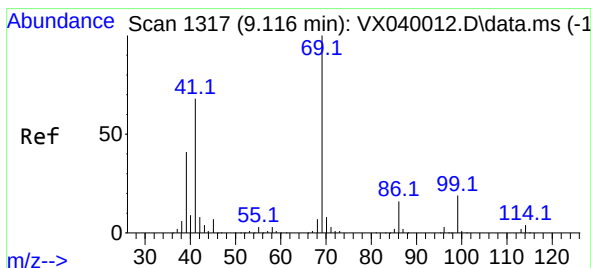
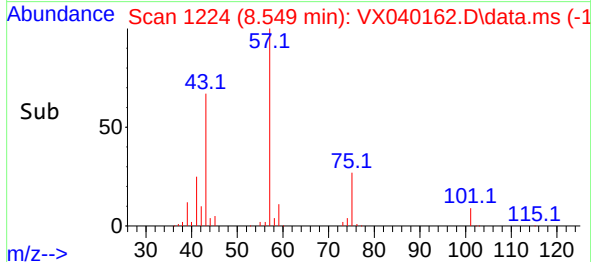
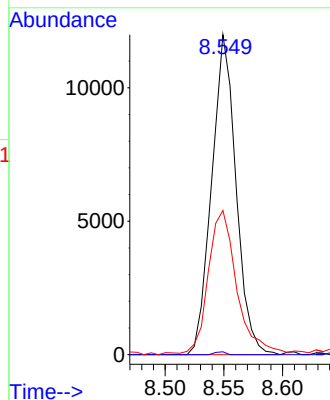
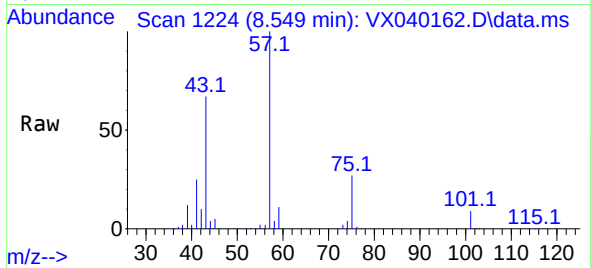




#54
 cis-1,3-Dichloropropene
 Concen: 16.637 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040162.D
 Acq: 07 Feb 2024 19:10

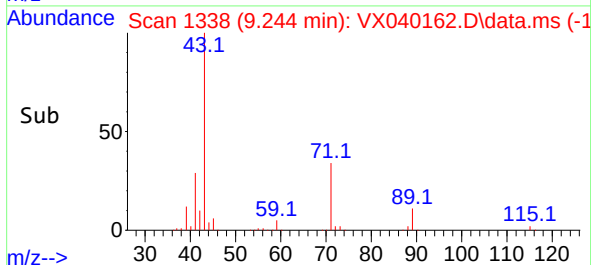
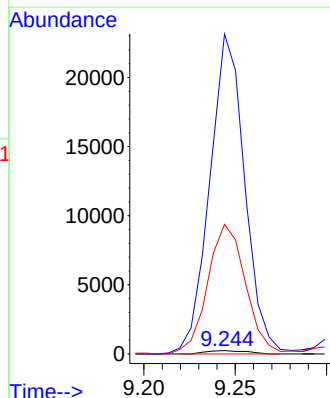
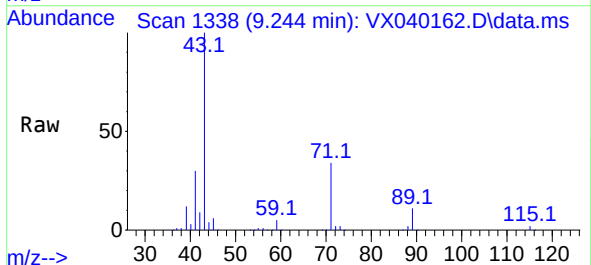
Instrument :
 MSVOA_X
 ClientSampleId :

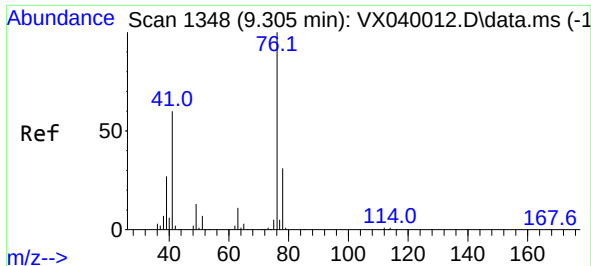
Tgt Ion: 75 Resp: 17280
 Ion Ratio Lower Upper
 75 100
 77 0.9 25.3 37.9#
 39 44.6 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.376 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX040162.D
 Acq: 07 Feb 2024 19:10

Tgt Ion: 69 Resp: 377
 Ion Ratio Lower Upper
 69 100
 41 8201.6 56.8 85.2#
 39 3603.4 32.0 48.0#

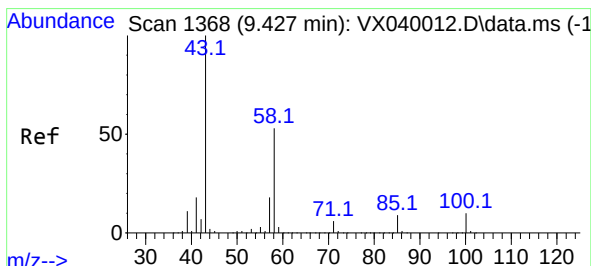
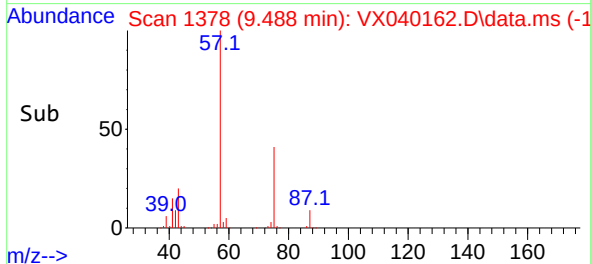
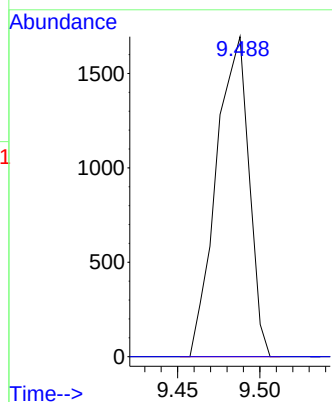
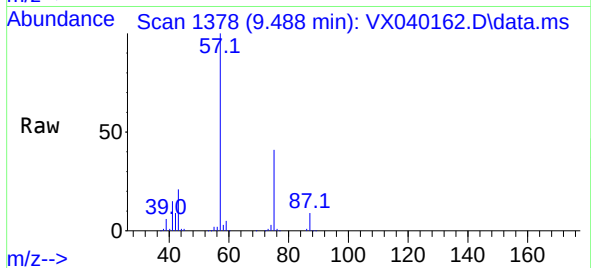




#57
1,3-Dichloropropane
Concen: 2.073 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.183 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

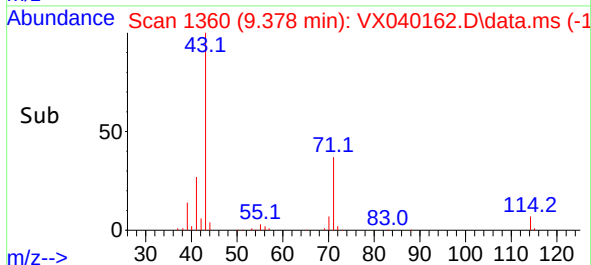
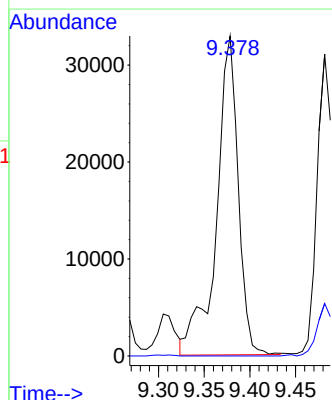
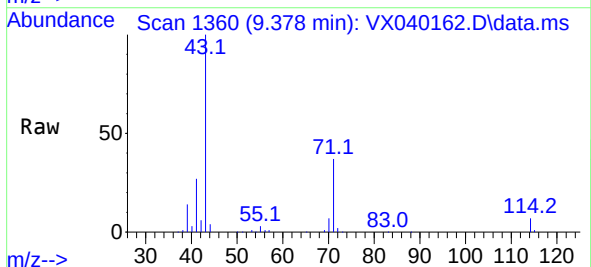
Instrument :
MSVOA_X
ClientSampleId :

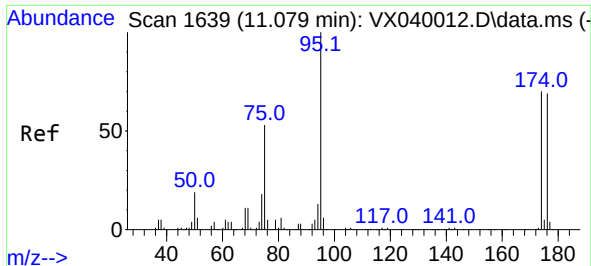
Tgt Ion: 76 Resp: 2342
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 63.732 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

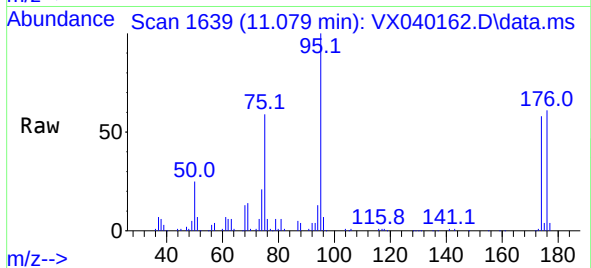
Tgt Ion: 43 Resp: 54537
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



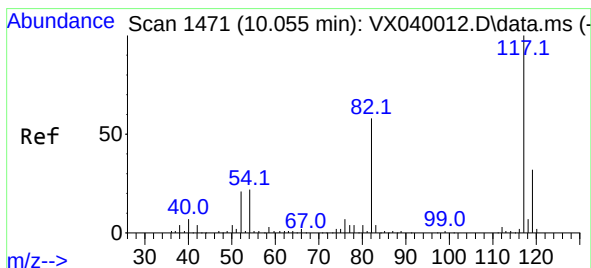
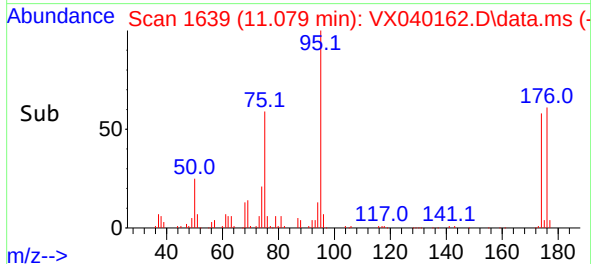
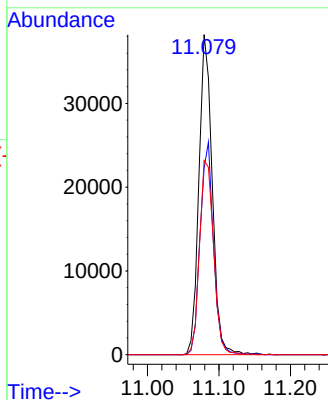


#62
4-Bromofluorobenzene
Concen: 54.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :

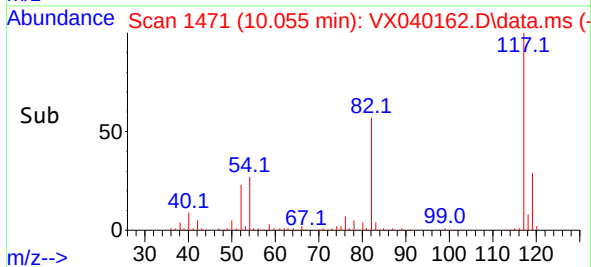
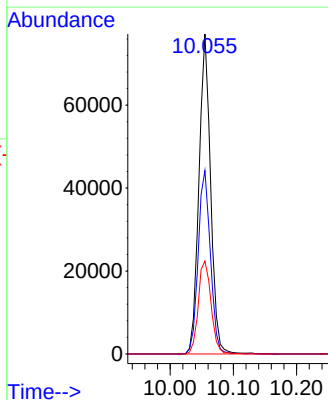
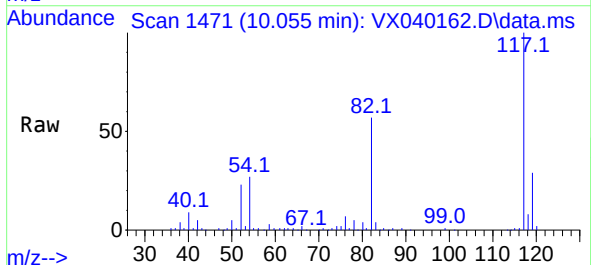


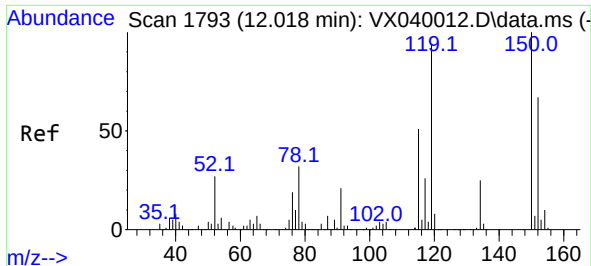
Tgt Ion: 95 Resp: 49456
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.6
176 64.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

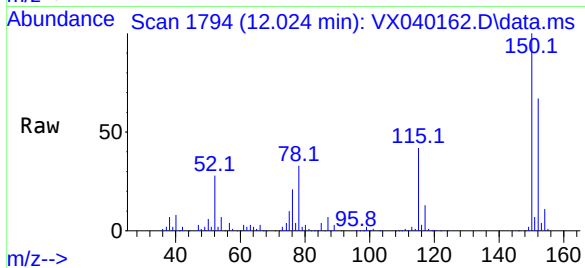
Tgt Ion: 117 Resp: 99328
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 29.1 25.5 38.3



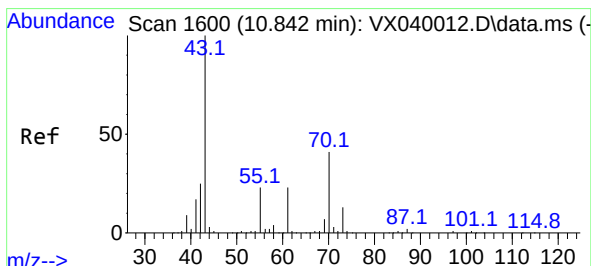
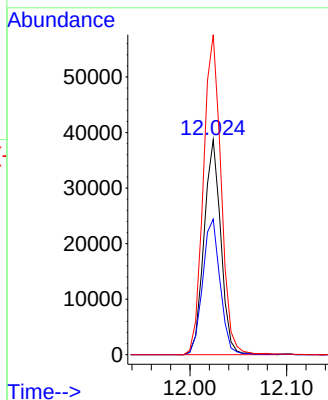
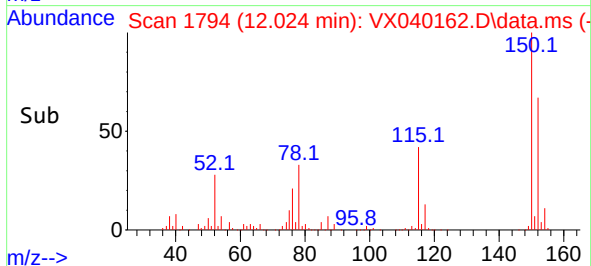


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

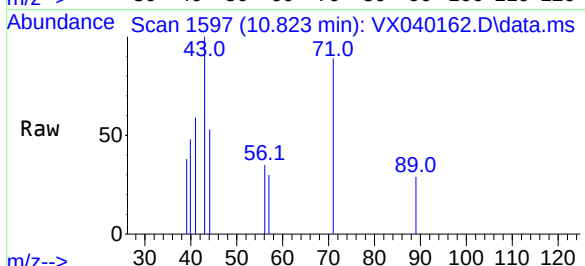
Instrument :
MSVOA_X
ClientSampleId :



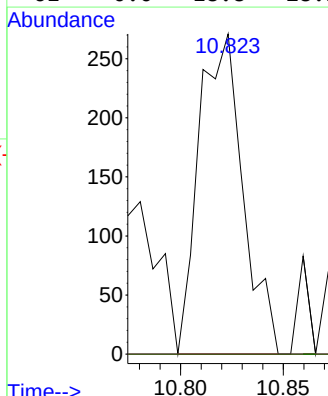
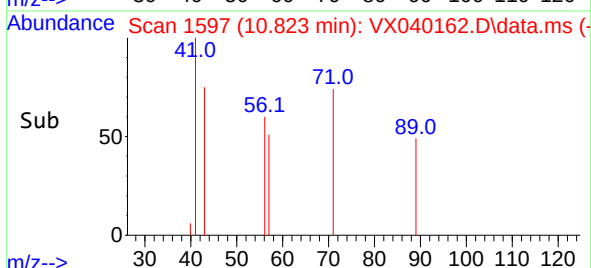
Tgt Ion:152 Resp: 46789
Ion Ratio Lower Upper
152 100
115 66.1 43.3 129.9
150 157.2 0.0 345.0

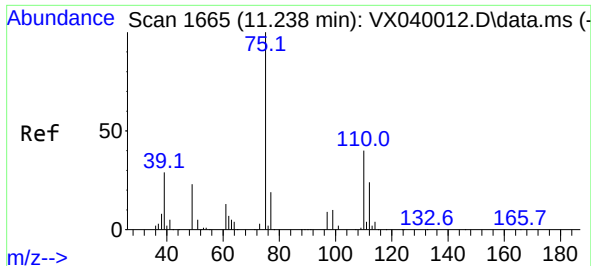


#74
N-ethyl acetate
Concen: 0.464 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.019 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10



Tgt Ion: 43 Resp: 404
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#

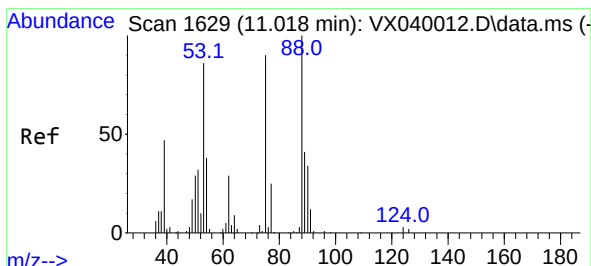
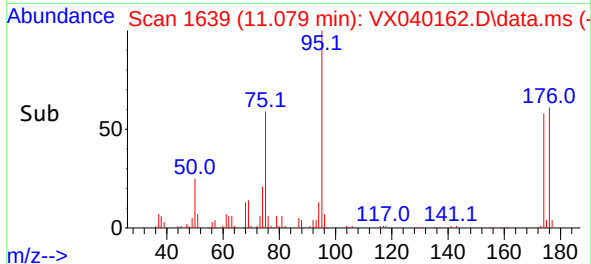
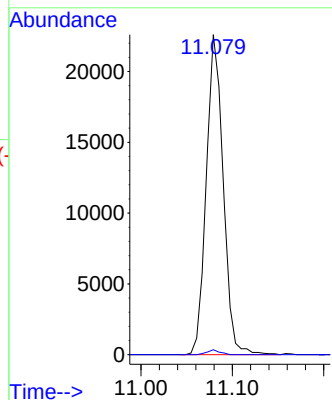
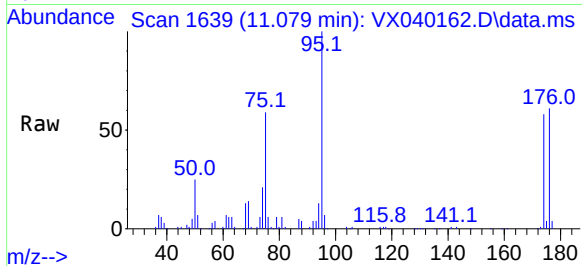




#76
1,2,3-Trichloropropane
Concen: 29.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

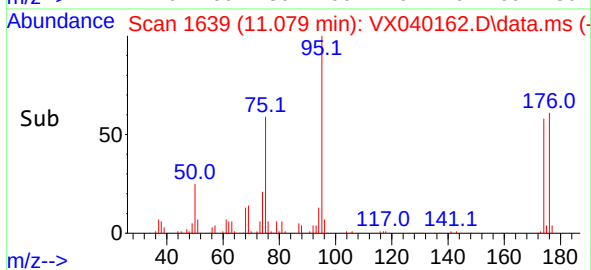
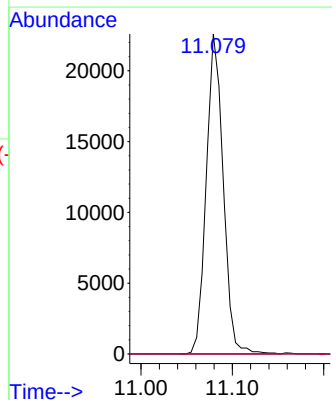
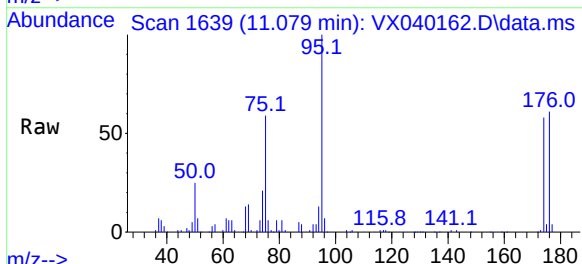
Instrument :
MSVOA_X
ClientSampleId :

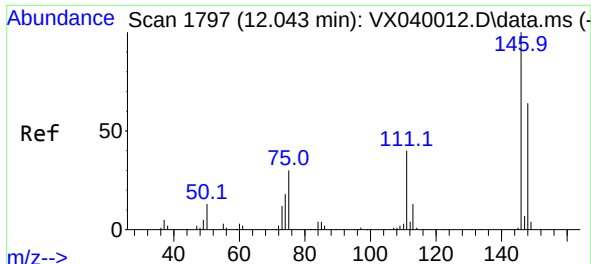
Tgt Ion: 75 Resp: 28996
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

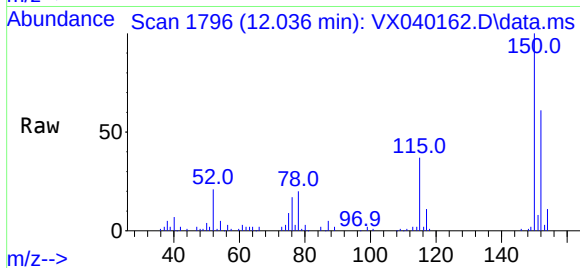
Tgt Ion: 75 Resp: 28996
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



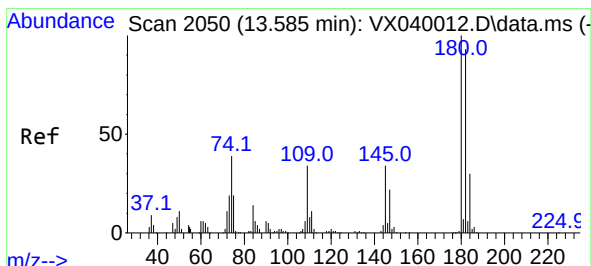
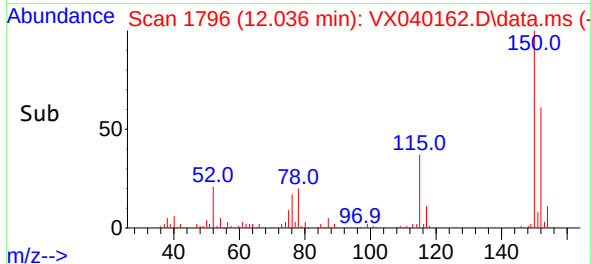
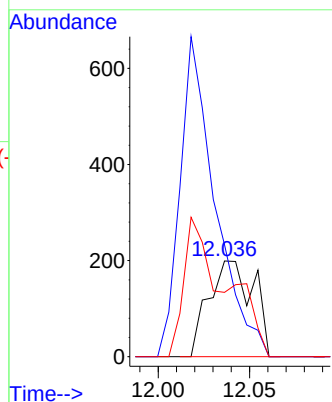


#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 12.036 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:146 Resp: 338
Ion Ratio Lower Upper
146 100
111 263.9 21.3 63.7#
148 135.5 31.8 95.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX040162.D
Acq: 07 Feb 2024 19:10

Tgt Ion:180 Resp: 205
Ion Ratio Lower Upper
180 100
182 81.0 48.3 144.8
145 0.0 18.0 54.0#

