

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043196.D
 Acq On : 30 Sep 2024 14:18
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

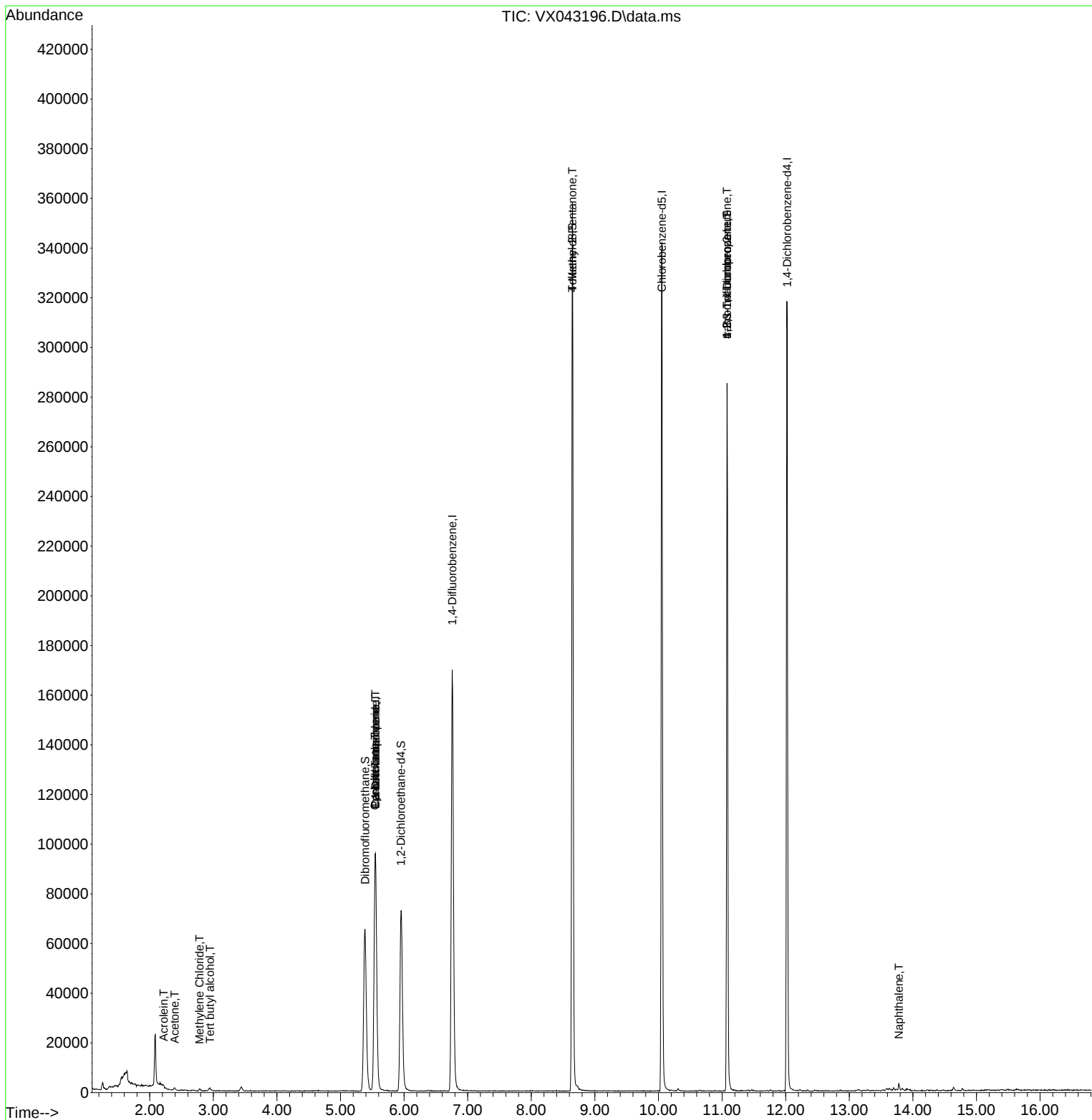
Quant Time: Oct 01 01:51:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

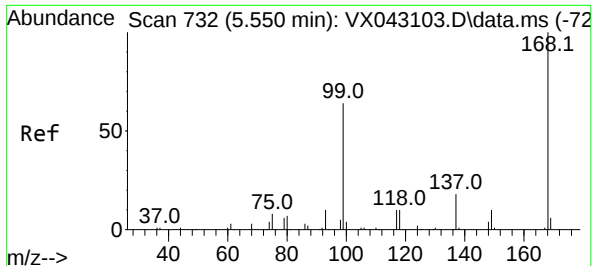
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	88071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75656	51.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.440%	
35) Dibromofluoromethane	5.385	113	57509	47.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.240%	
50) Toluene-d8	8.647	98	208179	50.414	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.820%	
62) 4-Bromofluorobenzene	11.079	95	75159	45.196	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	531	1.626	ug/l #	71
13) Acrolein	2.221	56	44	1.022	ug/l #	1
16) Acetone	2.392	43	1378	2.014	ug/l	95
20) Methylene Chloride	2.782	84	384	0.353	ug/l #	76
31) Cyclohexane	5.544	56	2203	1.531	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	7797	5.199	ug/l #	48
38) Carbon Tetrachloride	5.550	117	10110	5.233	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1148	0.594	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	41042	29.137	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	41042	69.422	ug/l #	7
95) Naphthalene	13.780	128	2103	0.456	ug/l	97

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

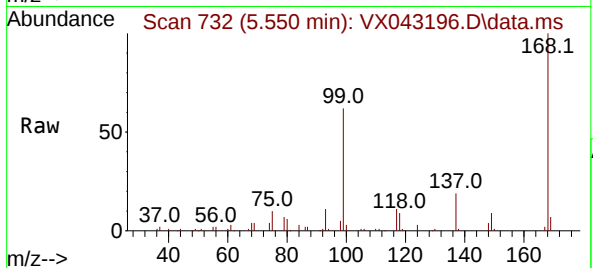
Quant Time: Oct 01 01:51:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



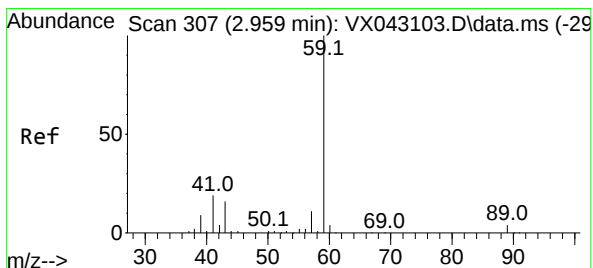
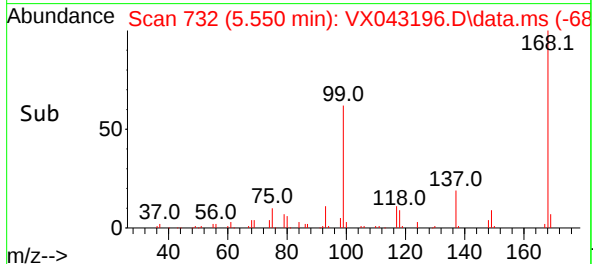
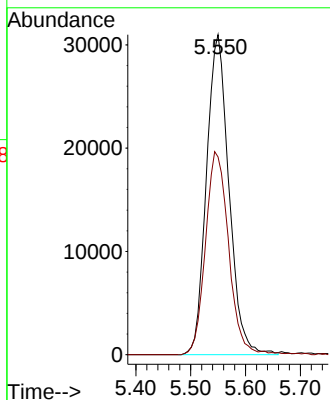


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

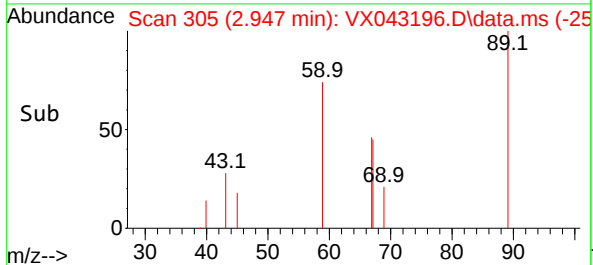
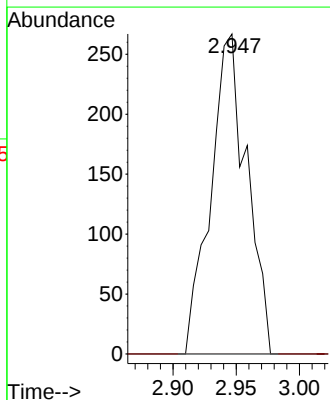
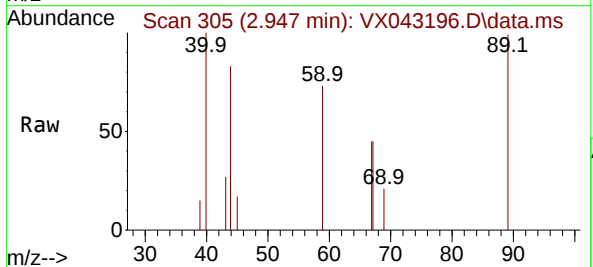


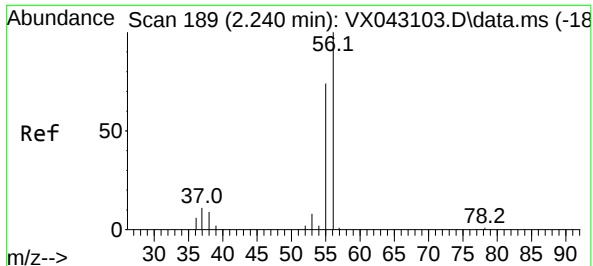
Tgt Ion:168 Resp: 88071
Ion Ratio Lower Upper
168 100
99 61.8 50.8 76.2



#11
Tert butyl alcohol
Concen: 1.626 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

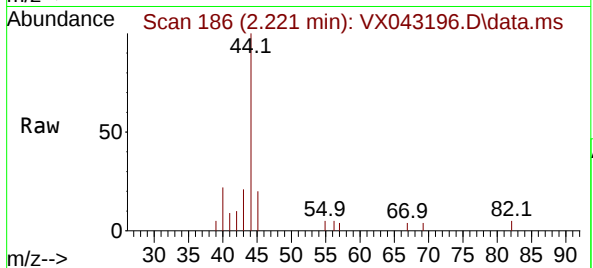
Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



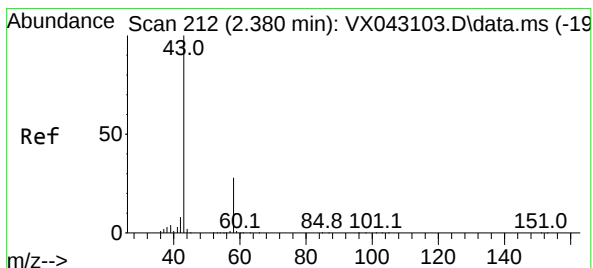
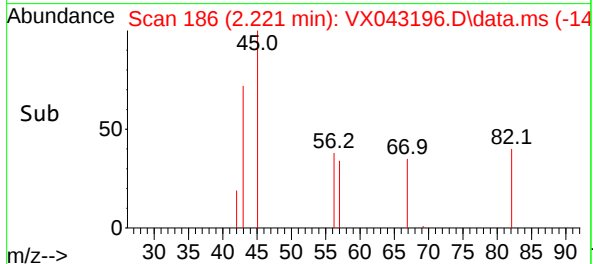
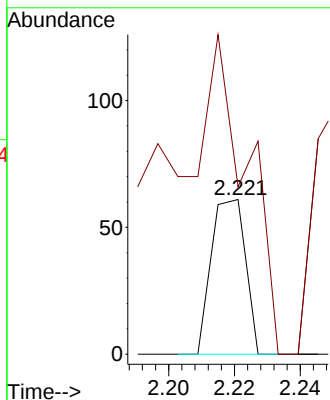


#13
Acrolein
Concen: 1.022 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

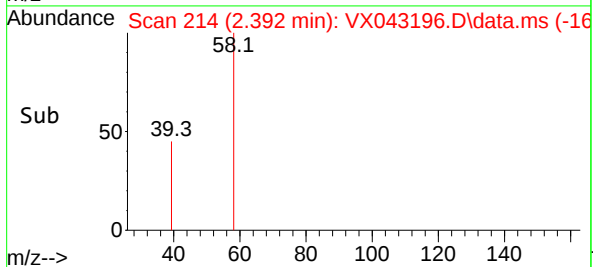
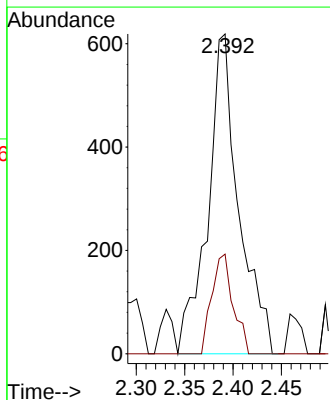
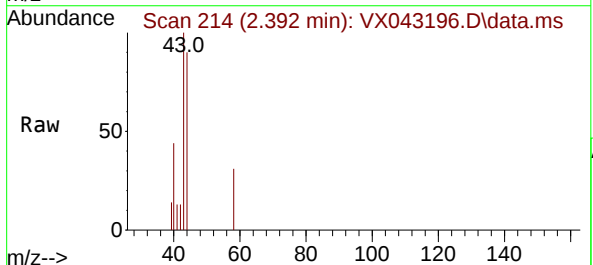


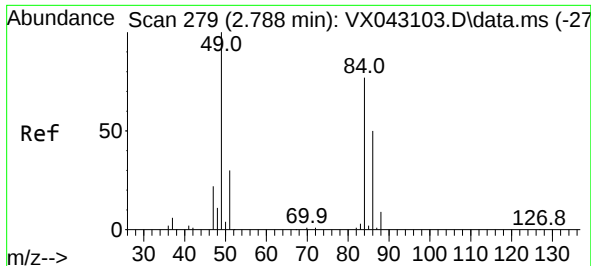
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 229.5 55.8 83.6#



#16
Acetone
Concen: 2.014 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

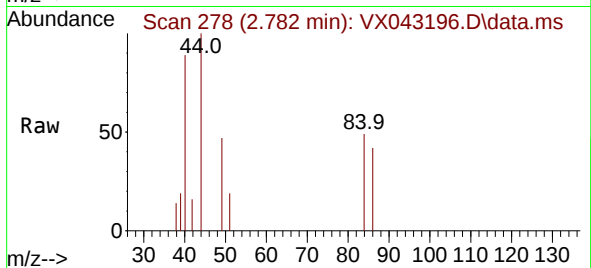
Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 31.2 22.6 34.0



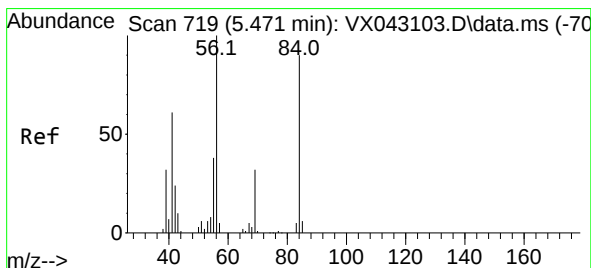
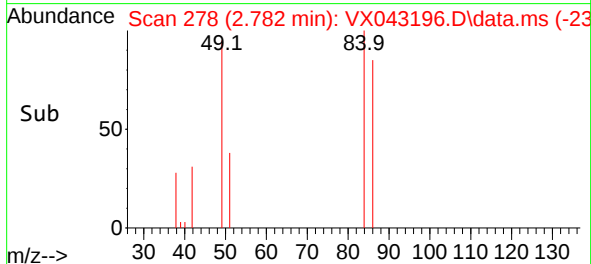
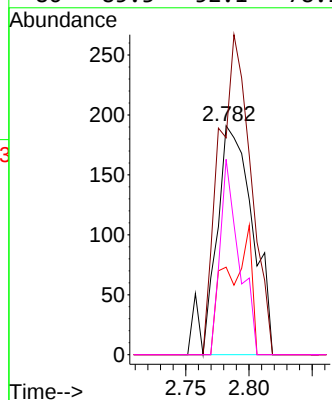


#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

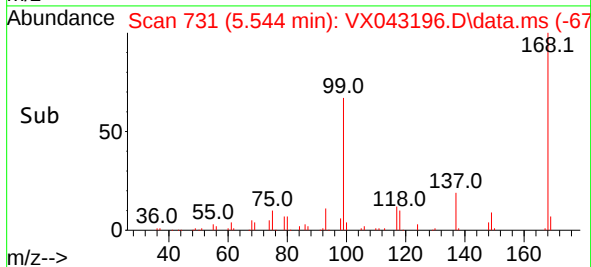
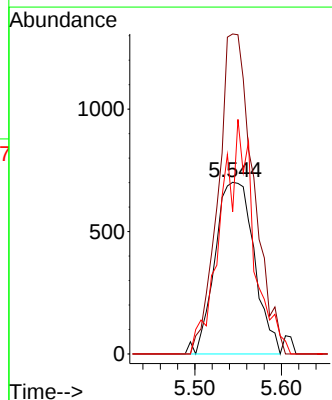
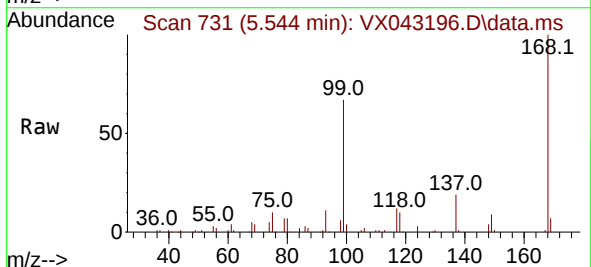


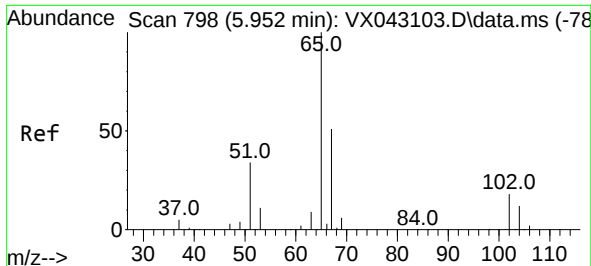
Tgt Ion:	84	Resp:	384
Ion	Ratio	Lower	Upper
84	100		
49	94.8	104.1	156.1#
51	38.2	31.1	46.7
86	85.3	52.1	78.1#



#31
Cyclohexane
Concen: 1.531 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Tgt Ion:	56	Resp:	2203
Ion	Ratio	Lower	Upper
56	100		
69	186.4	25.8	38.6#
84	82.9	72.4	108.6





#33

1,2-Dichloroethane-d4

Concen: 51.716 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

Instrument :

MSVOA_X

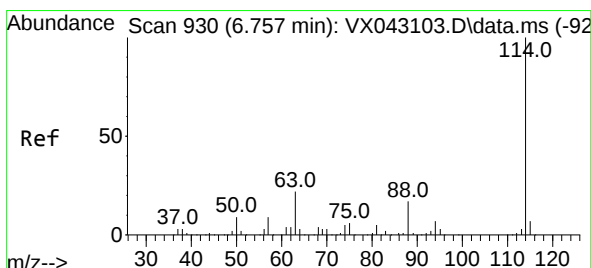
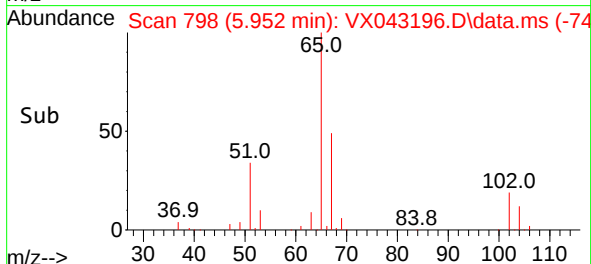
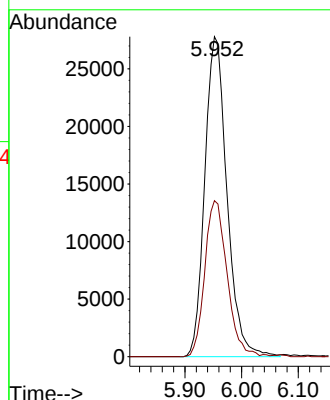
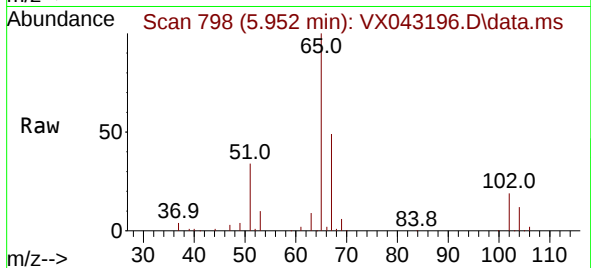
ClientSampleId :

Tgt Ion: 65 Resp: 75656

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

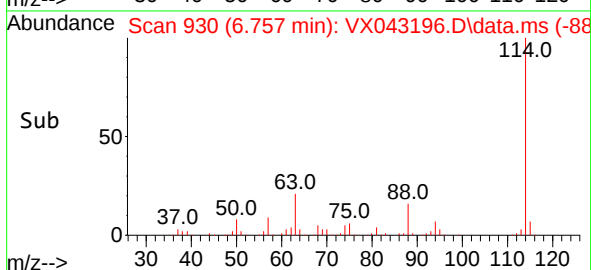
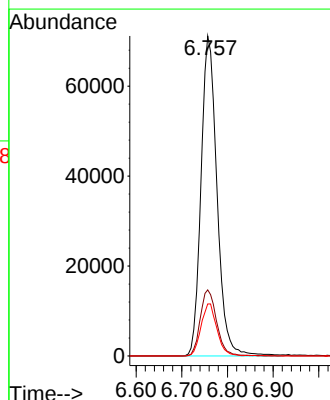
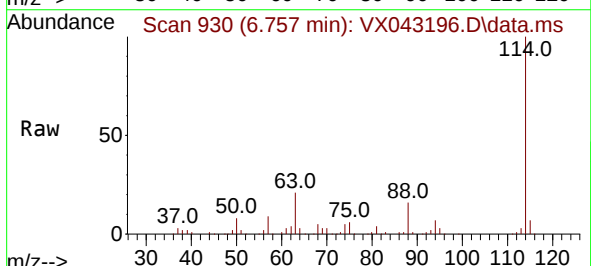
Tgt Ion: 114 Resp: 173020

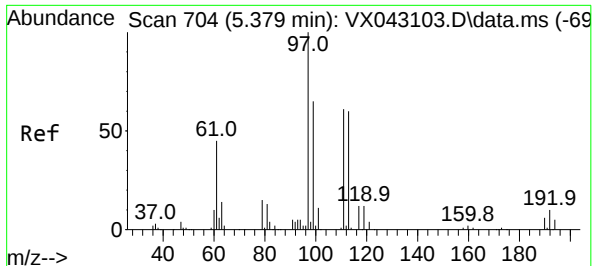
Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.118 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

Instrument :

MSVOA_X

ClientSampleId :

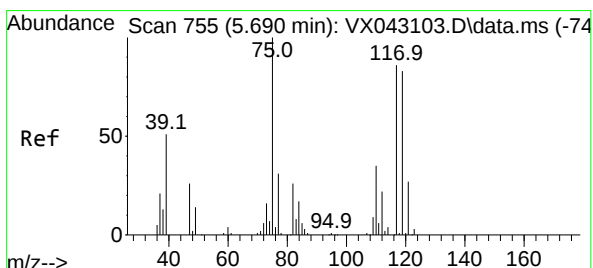
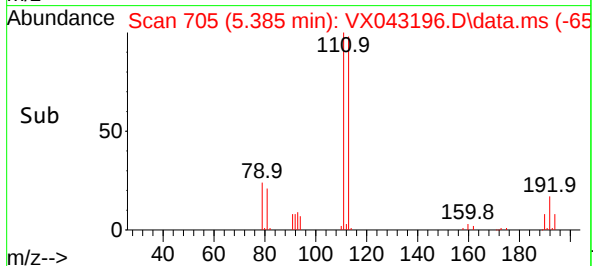
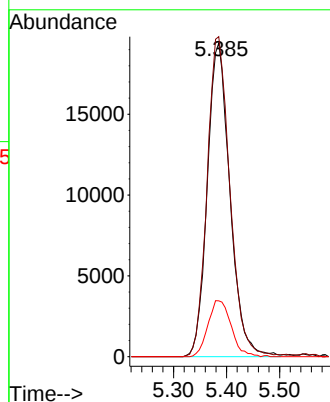
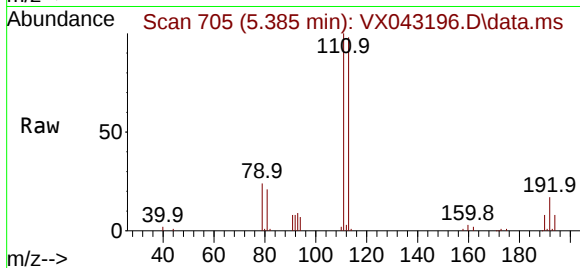
Tgt Ion:113 Resp: 57509

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 18.3 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.199 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

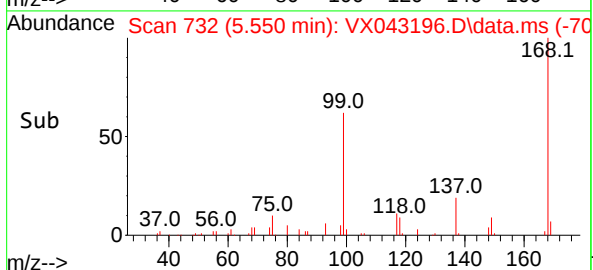
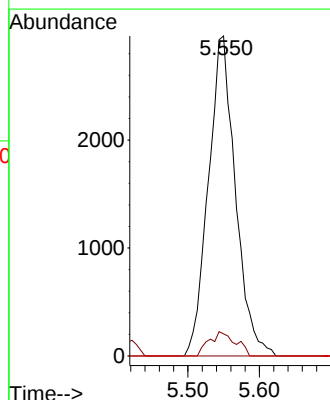
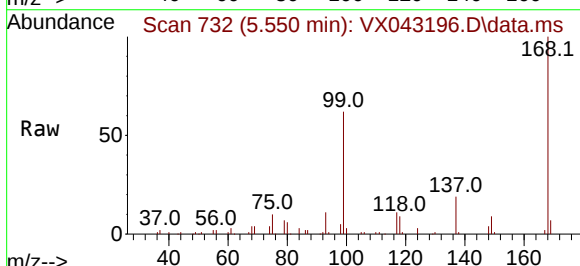
Tgt Ion: 75 Resp: 7797

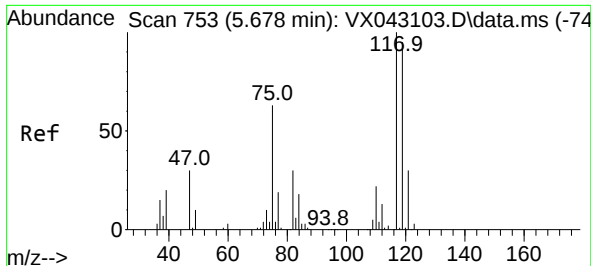
Ion Ratio Lower Upper

75 100

110 7.3 17.8 53.4#

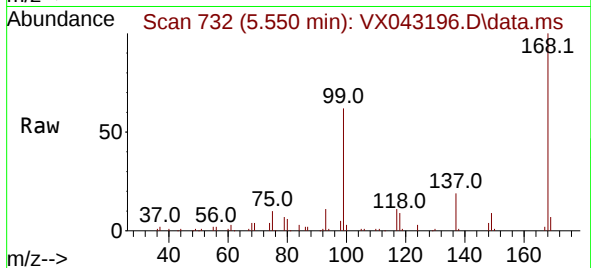
77 0.0 25.2 37.8#



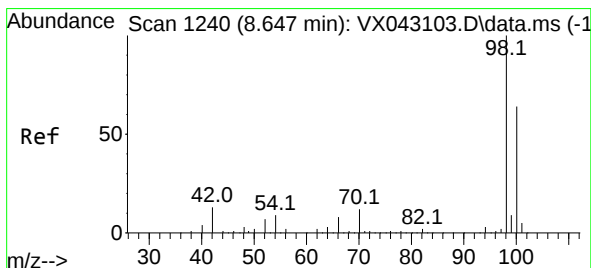
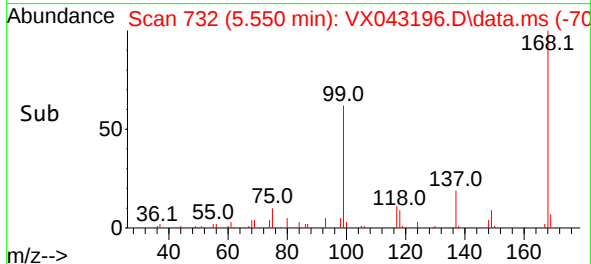
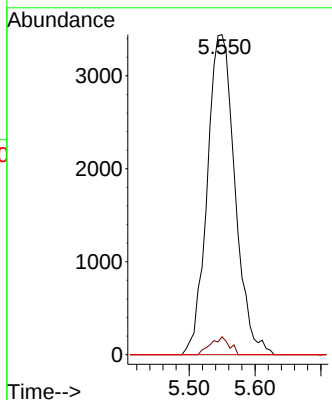


#38
Carbon Tetrachloride
Concen: 5.233 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

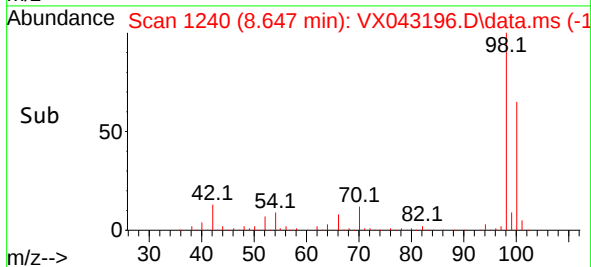
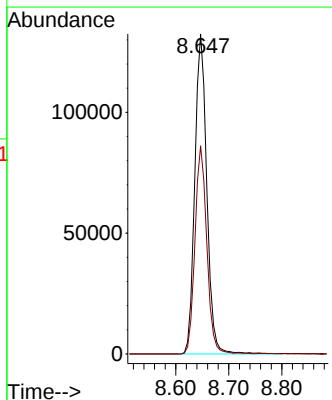
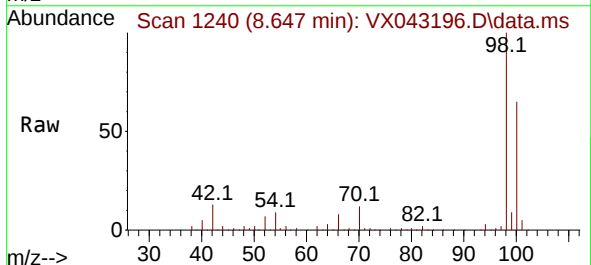


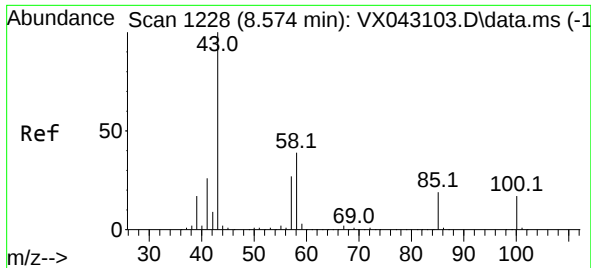
Tgt Ion:117 Resp: 10110
Ion Ratio Lower Upper
117 100
119 5.6 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.414 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Tgt Ion: 98 Resp: 208179
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.594 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

Instrument :

MSVOA_X

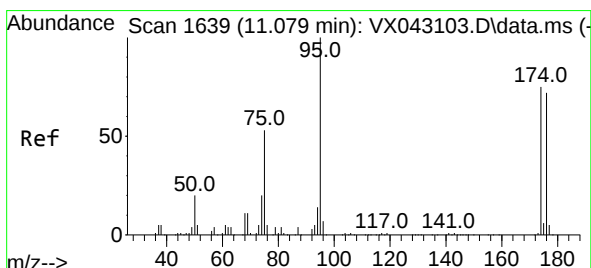
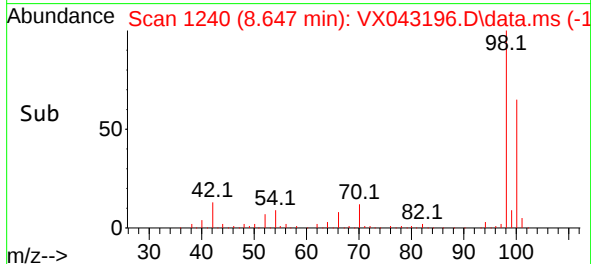
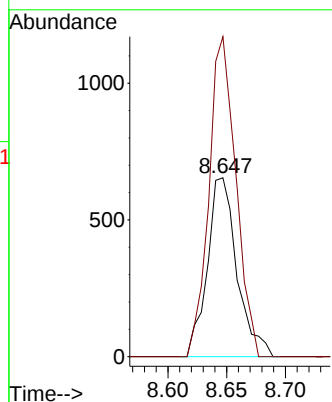
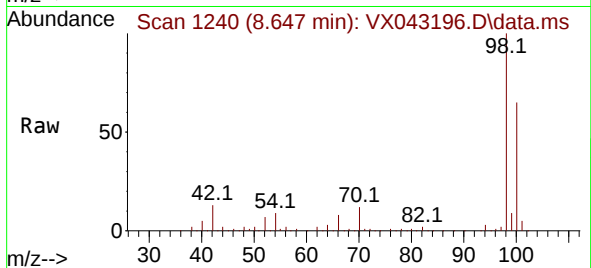
ClientSampleId :

Tgt Ion: 43 Resp: 1148

Ion Ratio Lower Upper

43 100

58 162.6 30.3 45.5#



#62

4-Bromofluorobenzene

Concen: 45.196 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

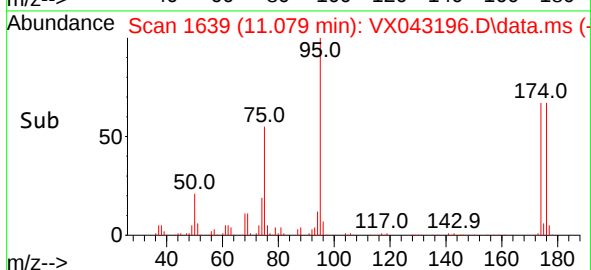
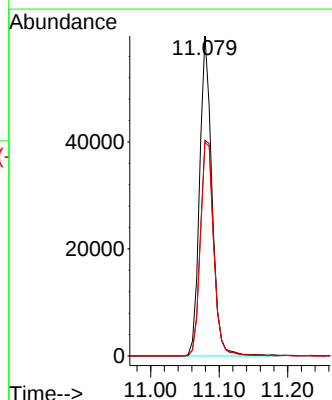
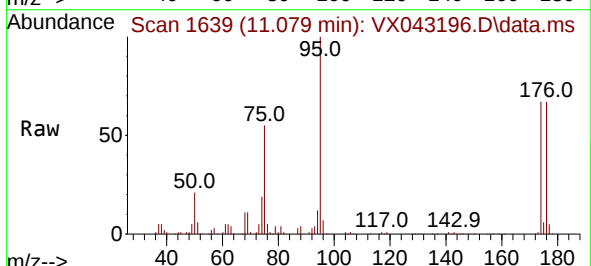
Tgt Ion: 95 Resp: 75159

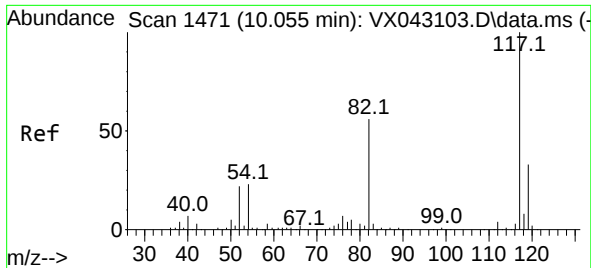
Ion Ratio Lower Upper

95 100

174 73.4 0.0 146.0

176 72.0 0.0 142.6

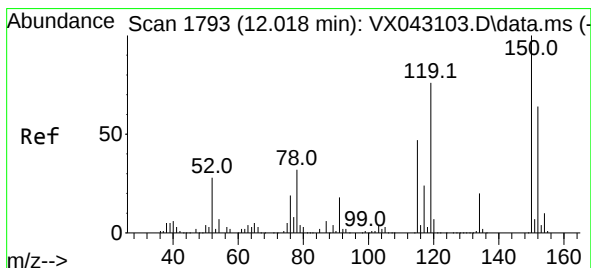
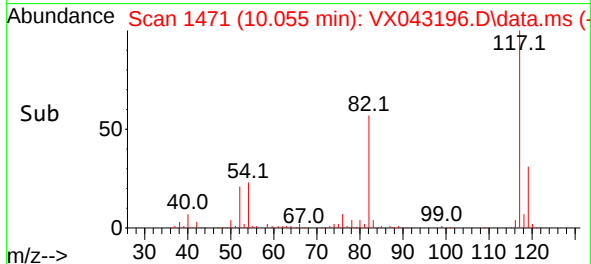
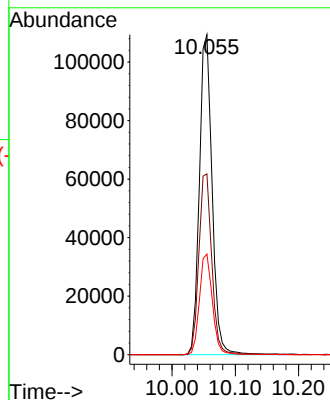
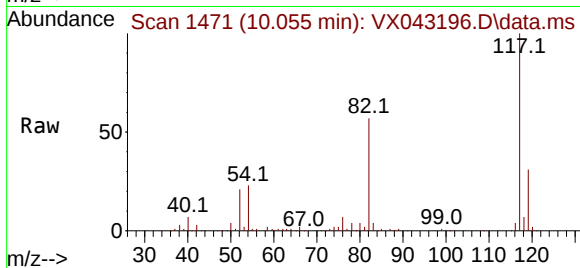




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

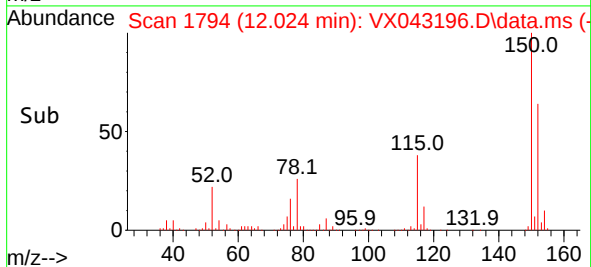
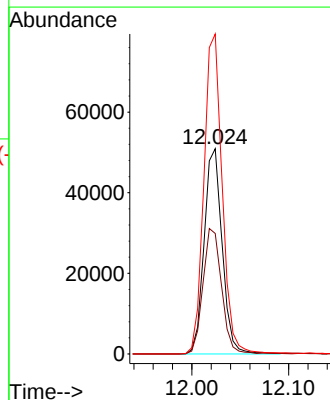
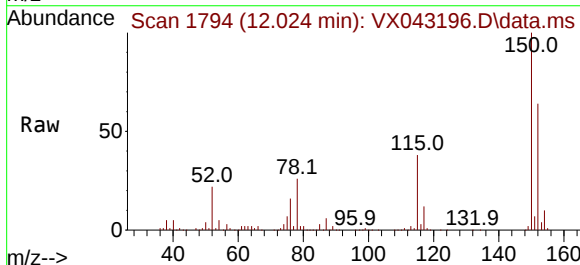
Instrument :
MSVOA_X
ClientSampleId :

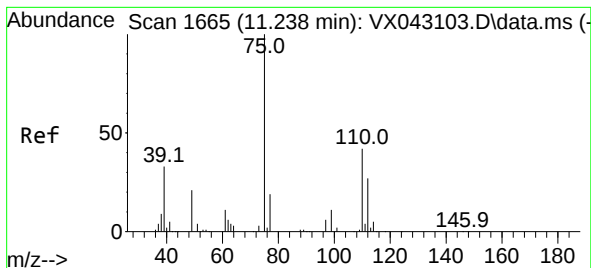
Tgt Ion:117 Resp: 153495
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Tgt Ion:152 Resp: 66253
Ion Ratio Lower Upper
152 100
115 63.2 43.7 131.1
150 158.0 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 29.137 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

Instrument :

MSVOA_X

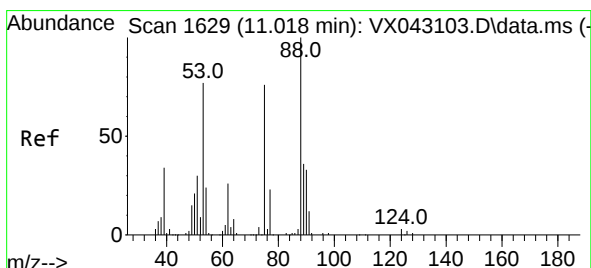
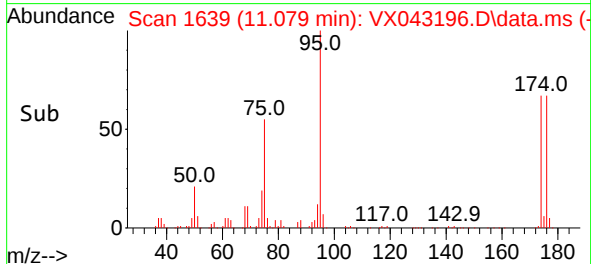
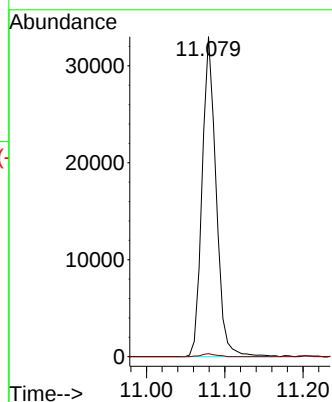
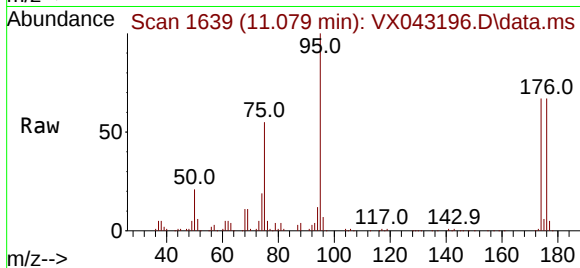
ClientSampleId :

Tgt Ion: 75 Resp: 41042

Ion Ratio Lower Upper

75 100

77 1.0 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.422 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043196.D

Acq: 30 Sep 2024 14:18

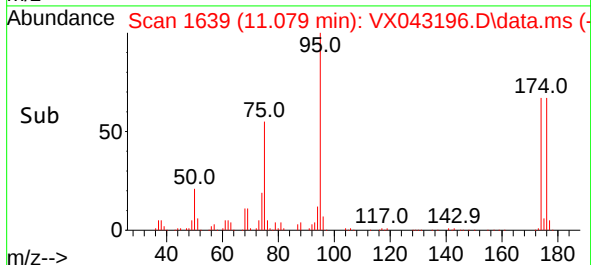
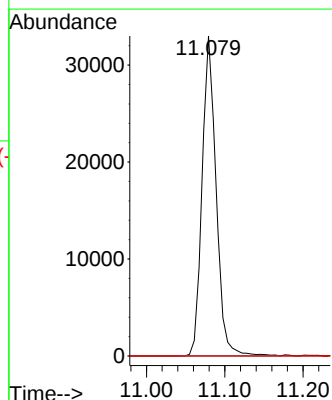
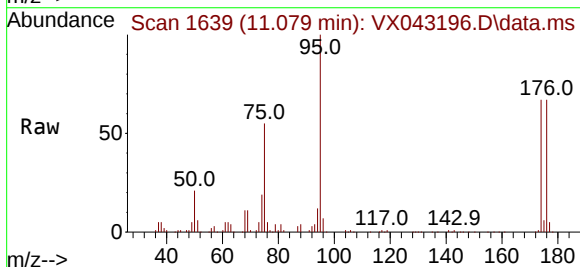
Tgt Ion: 75 Resp: 41042

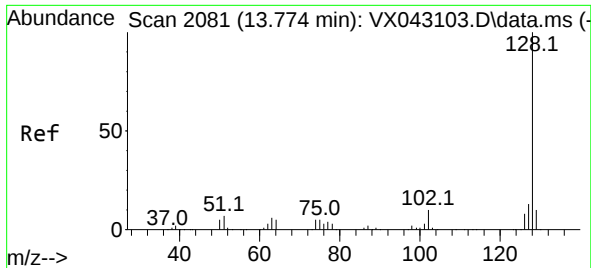
Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.2#

89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 0.456 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043196.D
Acq: 30 Sep 2024 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.4
129	11.7	8.6	13.0

