

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043148.D
 Acq On : 25 Sep 2024 13:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 01:34:21 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)

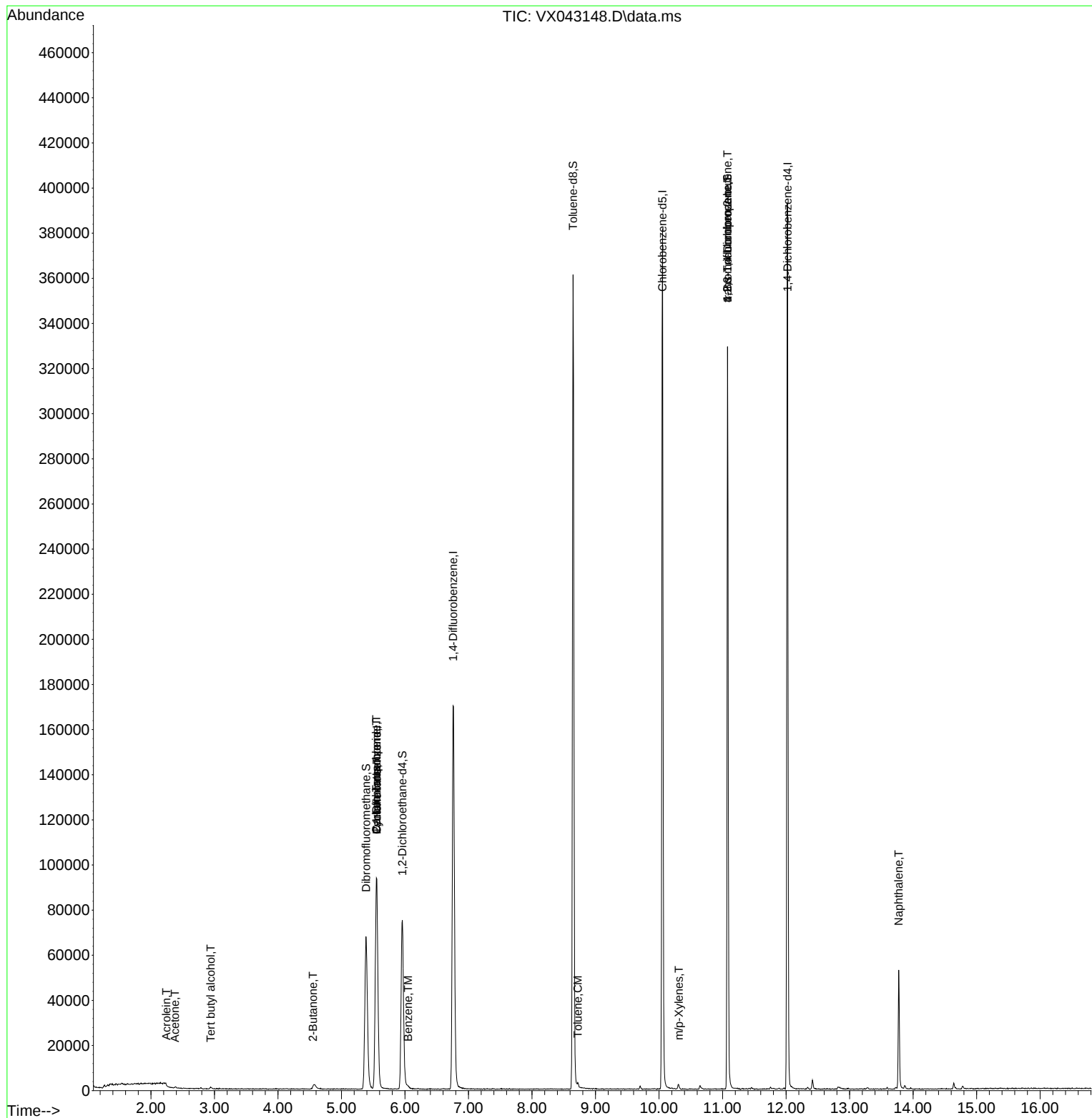
Internal Standards						
1) Pentafluorobenzene	5.556	168	84155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172080	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76311	54.592	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.180%	
35) Dibromofluoromethane	5.385	113	58081	47.846	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.700%	
50) Toluene-d8	8.647	98	212794	51.814	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	11.079	95	86112	52.066	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	148	0.474	ug/l #	71
13) Acrolein	2.239	56	53	1.289	ug/l #	24
16) Acetone	2.380	43	720	1.101	ug/l	91
25) 2-Butanone	4.550	43	239	0.284	ug/l #	49
31) Cyclohexane	5.556	56	2087	1.518	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	7343	4.923	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9529	4.959	ug/l #	17
40) Benzene	6.050	78	1176	0.267	ug/l	97
52) Toluene	8.720	92	720	0.254	ug/l #	74
68) m/p-Xylenes	10.311	106	550	0.245	ug/l	76
76) 1,2,3-Trichloropropane	11.079	75	47170	26.967	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	47170	64.250	ug/l #	7
95) Naphthalene	13.774	128	33750	5.888	ug/l	100

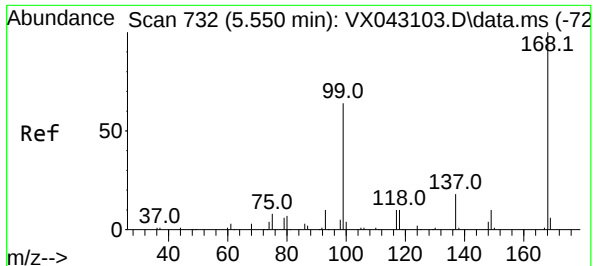
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



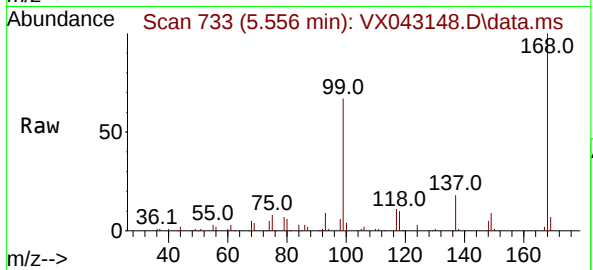


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

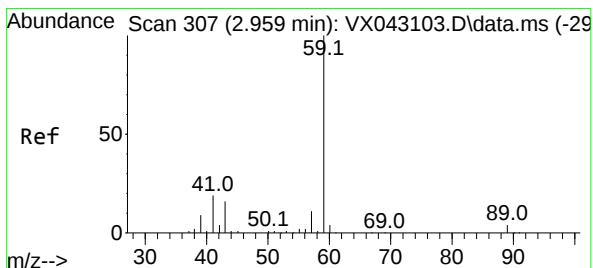
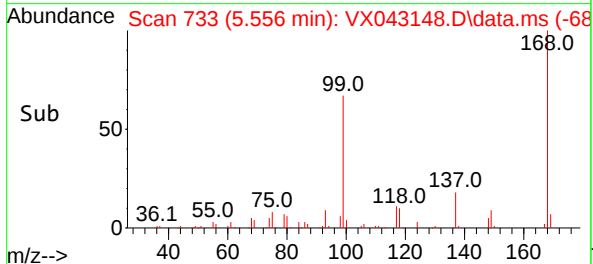
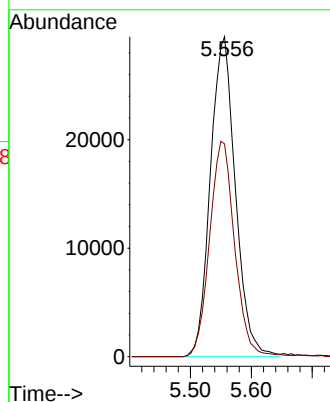
Instrument :

MSVOA_X

ClientSampleId :

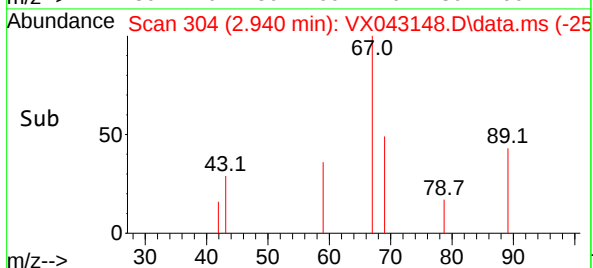
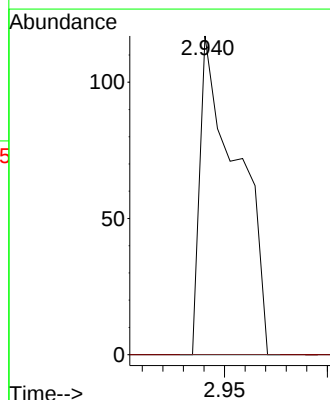
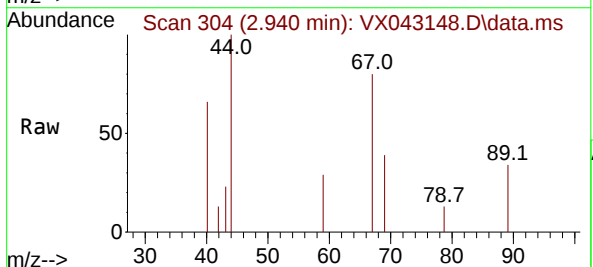


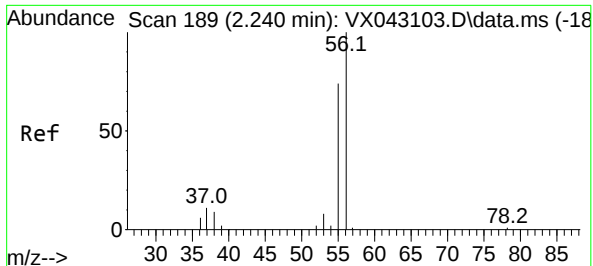
Tgt Ion:168 Resp: 84155
Ion Ratio Lower Upper
168 100
99 66.5 50.8 76.2



#11
Tert butyl alcohol
Concen: 0.474 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

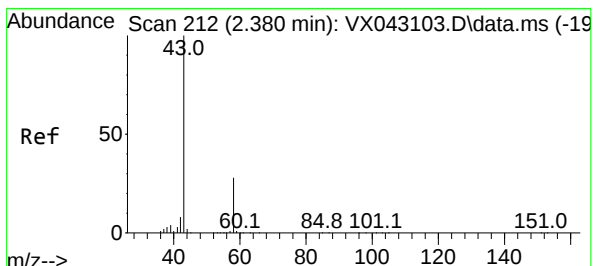
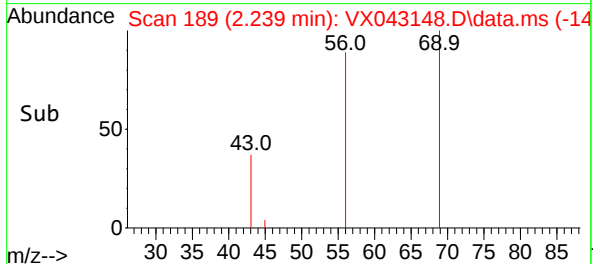
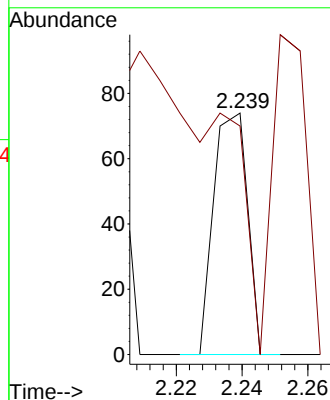
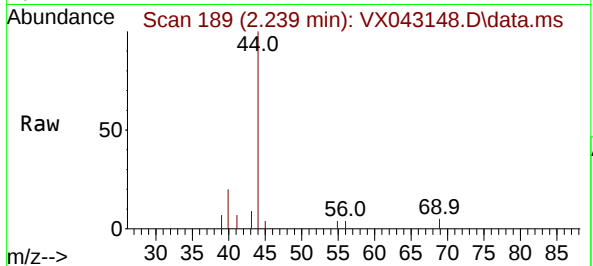




#13
Acrolein
Concen: 1.289 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

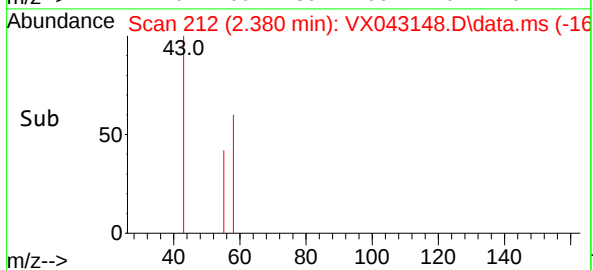
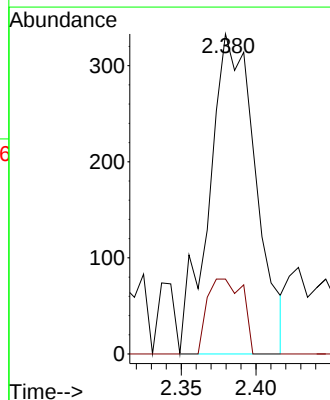
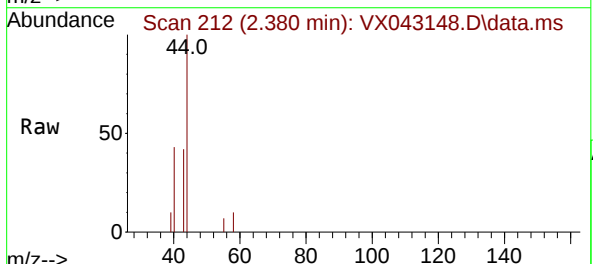
Instrument :
MSVOA_X
ClientSampleId :

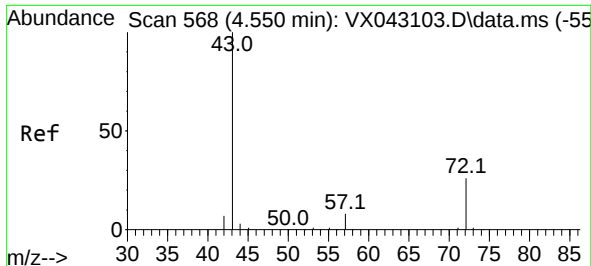
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 132.1 55.8 83.6#



#16
Acetone
Concen: 1.101 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 23.4 22.6 34.0





#25

2-Butanone

Concen: 0.284 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX043148.D

Acq: 25 Sep 2024 13:16

Instrument :

MSVOA_X

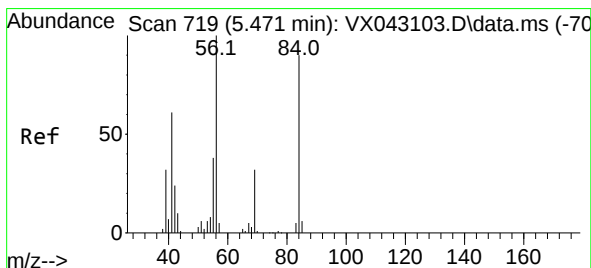
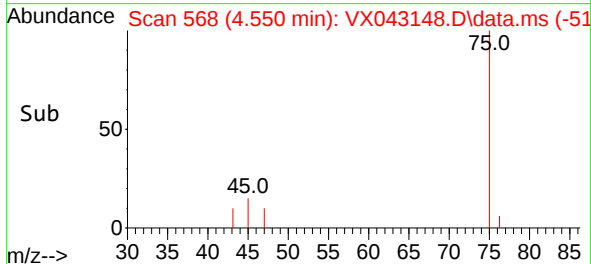
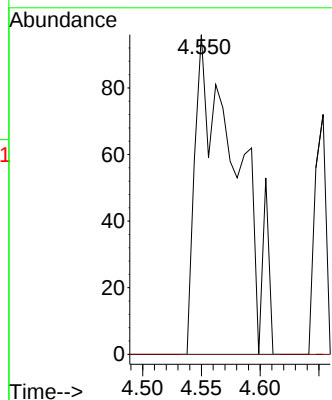
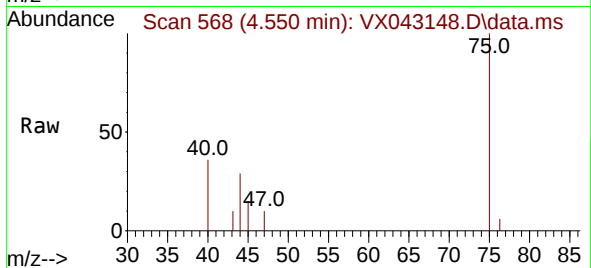
ClientSampleId :

Tgt Ion: 43 Resp: 239

Ion Ratio Lower Upper

43 100

72 0.0 20.7 31.1#



#31

Cyclohexane

Concen: 1.518 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX043148.D

Acq: 25 Sep 2024 13:16

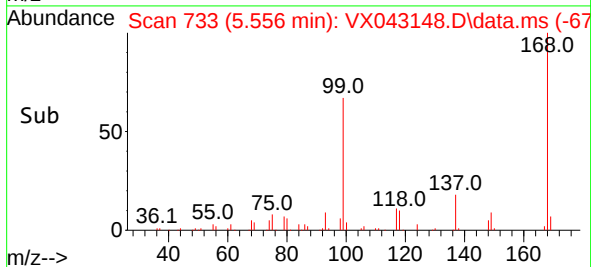
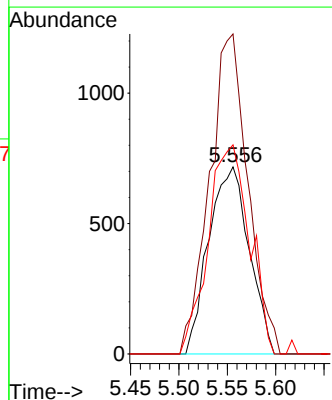
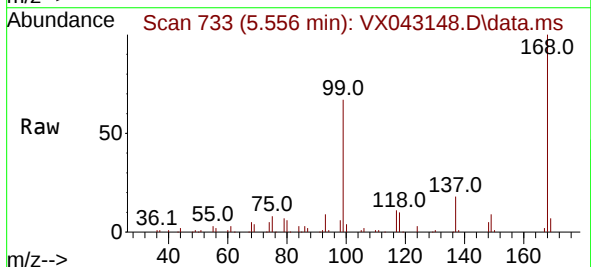
Tgt Ion: 56 Resp: 2087

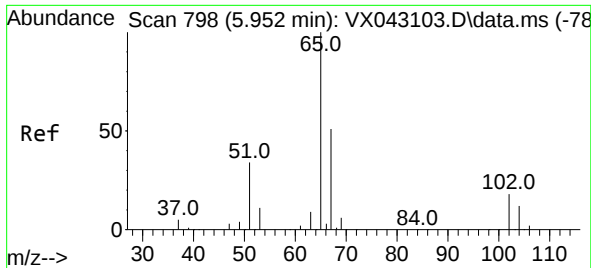
Ion Ratio Lower Upper

56 100

69 171.1 25.8 38.6#

84 111.9 72.4 108.6#

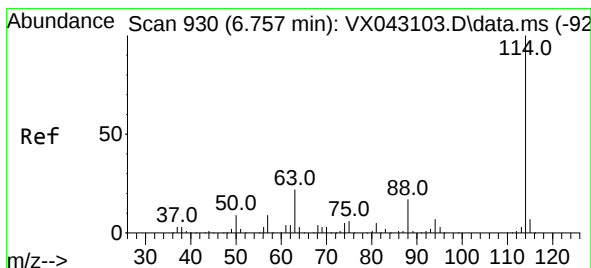
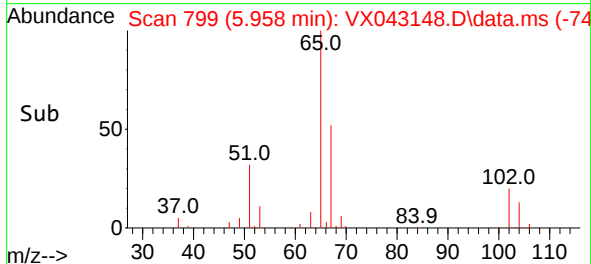
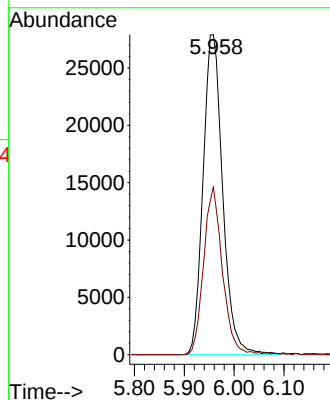
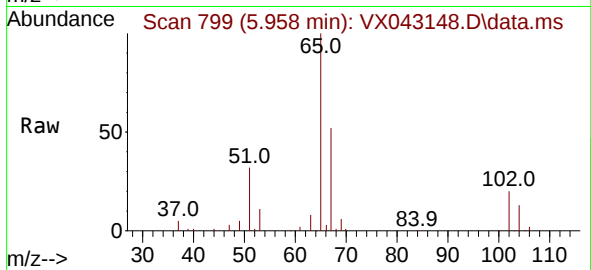




#33
 1,2-Dichloroethane-d4
 Concen: 54.592 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043148.D
 Acq: 25 Sep 2024 13:16

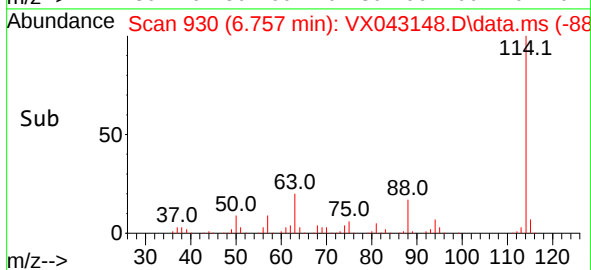
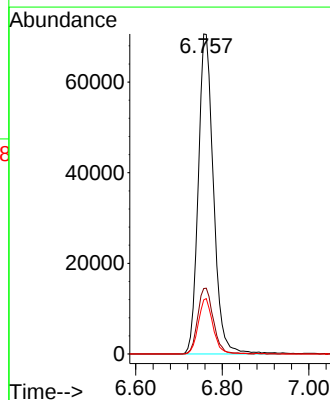
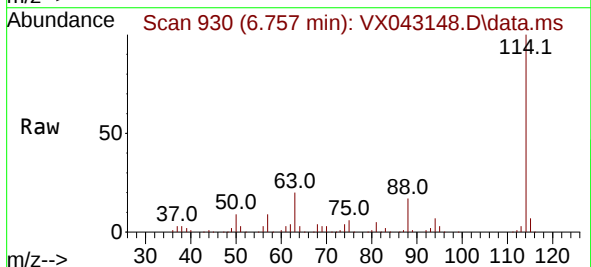
Instrument :
 MSVOA_X
 ClientSampleId :

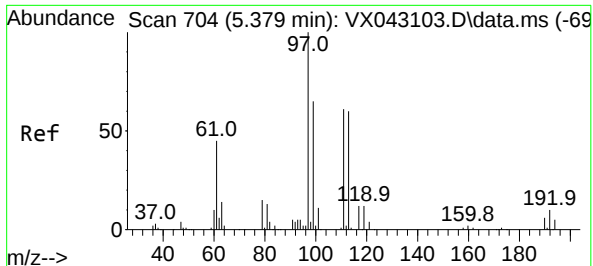
Tgt Ion: 65 Resp: 76311
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043148.D
 Acq: 25 Sep 2024 13:16

Tgt Ion: 114 Resp: 172080
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 16.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.846 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

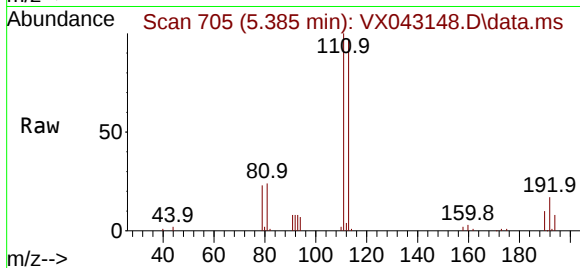
Lab File: VX043148.D

Acq: 25 Sep 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :



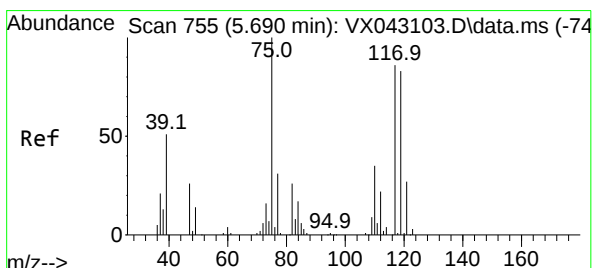
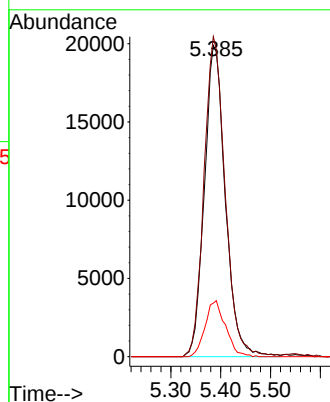
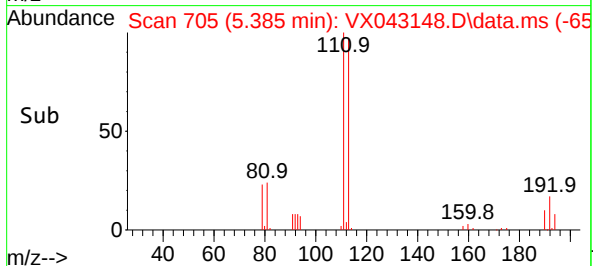
Tgt Ion:113 Resp: 58081

Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 17.5 14.6 22.0



#36

1,1-Dichloropropene

Concen: 4.923 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043148.D

Acq: 25 Sep 2024 13:16

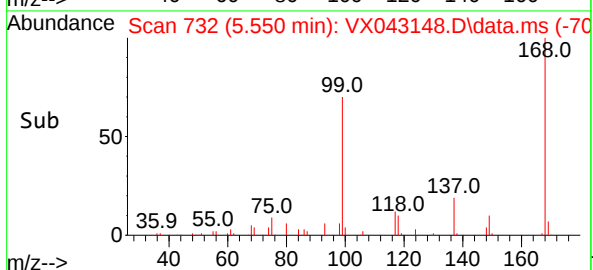
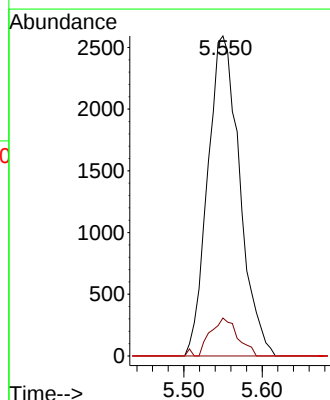
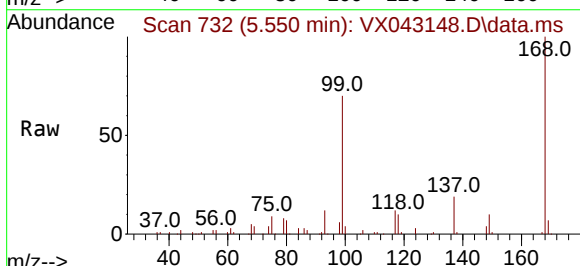
Tgt Ion: 75 Resp: 7343

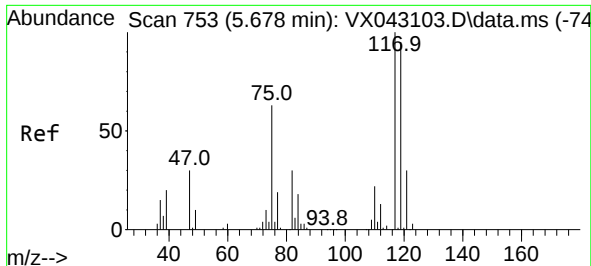
Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.4#

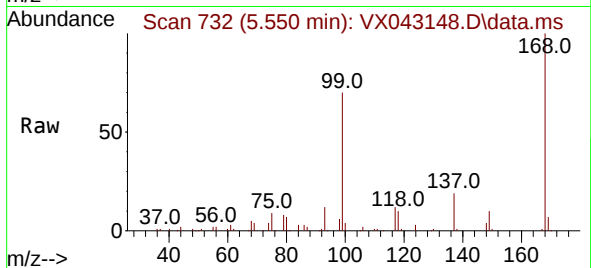
77 0.0 25.2 37.8#



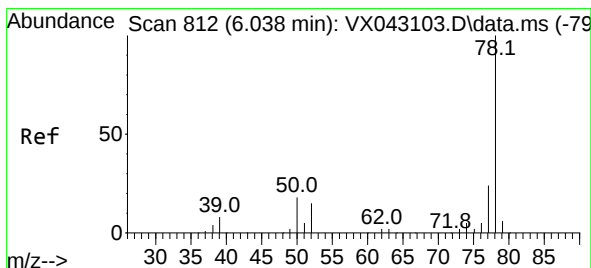
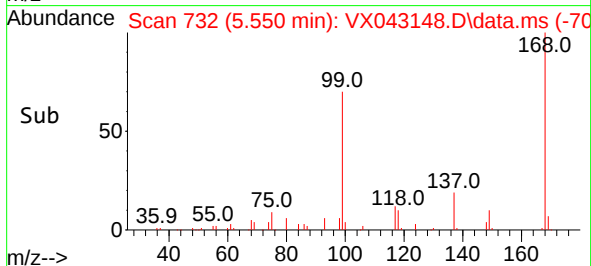
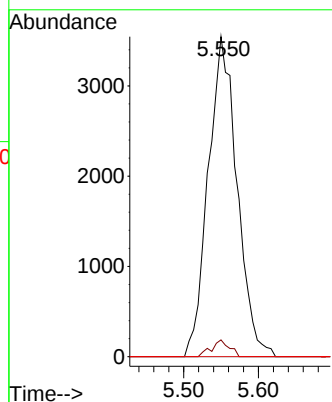


#38
Carbon Tetrachloride
Concen: 4.959 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :

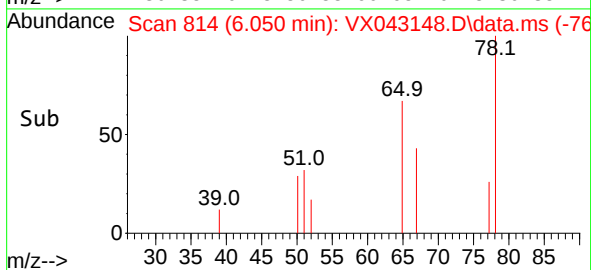
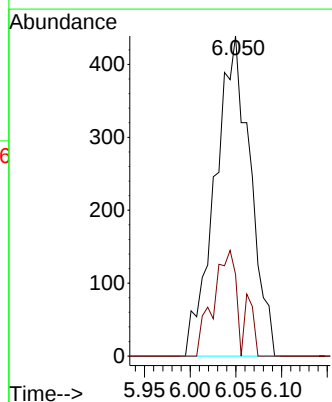
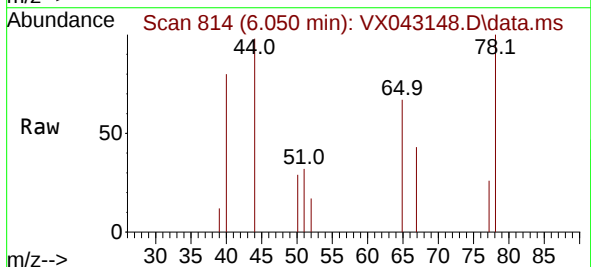


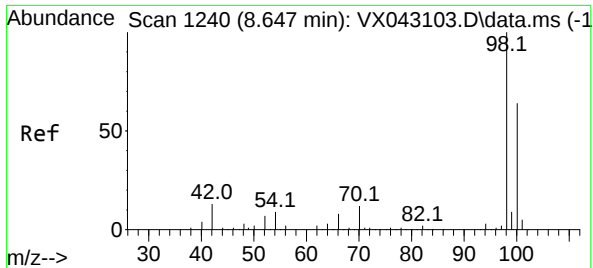
Tgt Ion:117 Resp: 9529
Ion Ratio Lower Upper
117 100
119 5.3 75.5 113.3#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.267 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Tgt Ion: 78 Resp: 1176
Ion Ratio Lower Upper
78 100
77 25.5 19.3 28.9

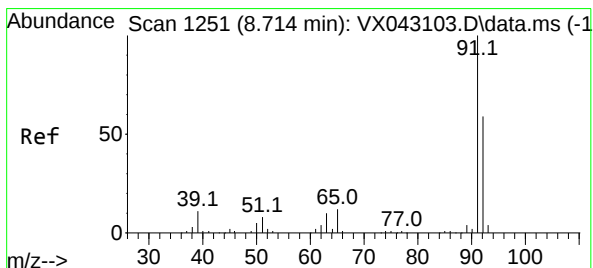
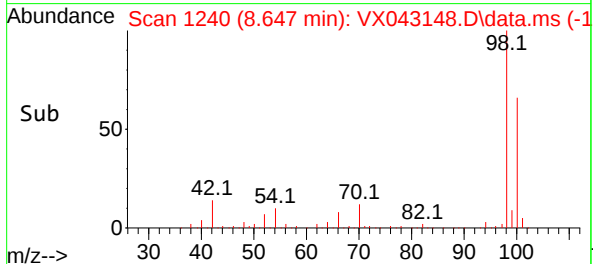
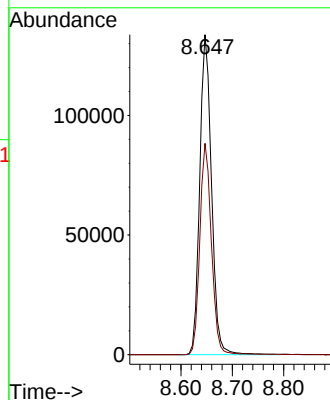
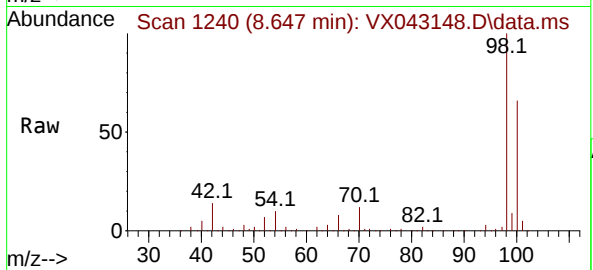




#50
Toluene-d8
Concen: 51.814 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

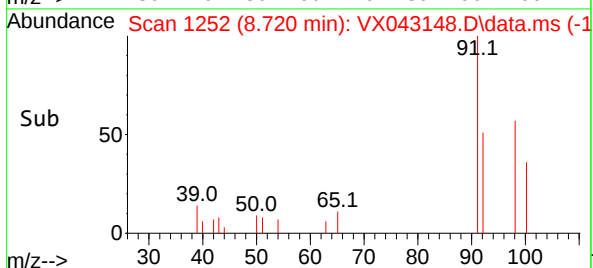
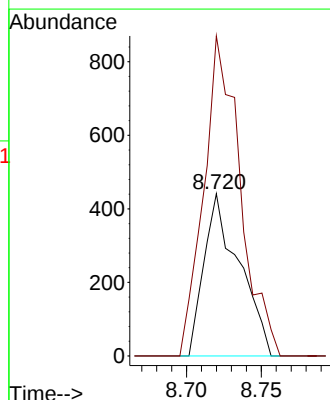
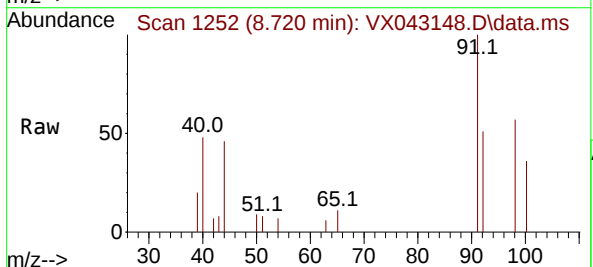
Instrument :
MSVOA_X
ClientSampleId :

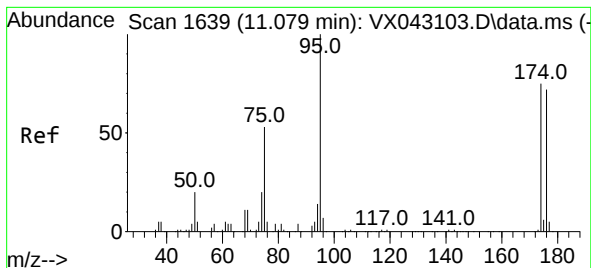
Tgt Ion: 98 Resp: 212794
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#52
Toluene
Concen: 0.254 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Tgt Ion: 92 Resp: 720
Ion Ratio Lower Upper
92 100
91 204.9 135.9 203.9#

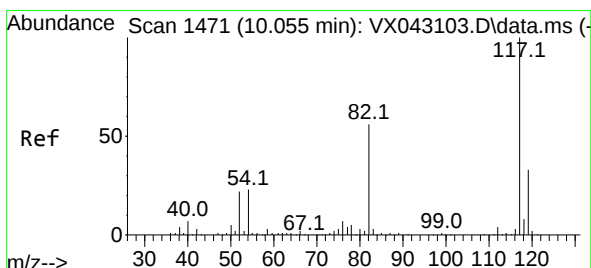
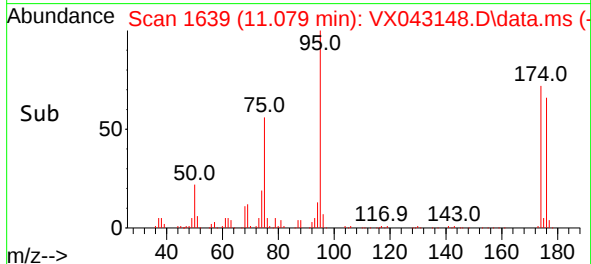
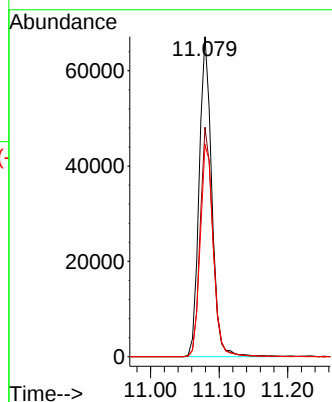
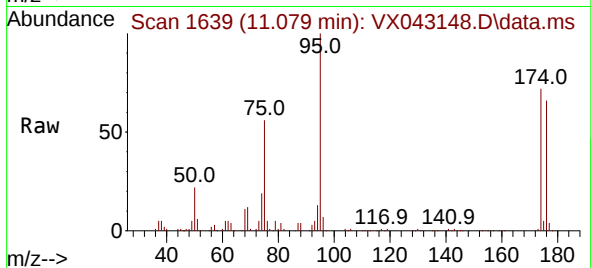




#62
4-Bromofluorobenzene
Concen: 52.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

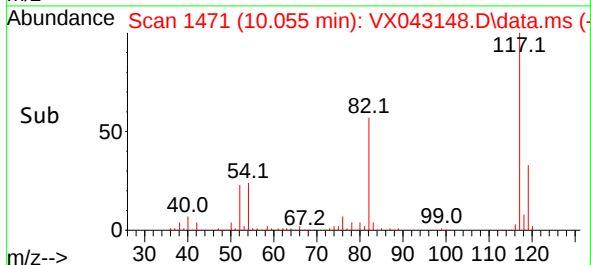
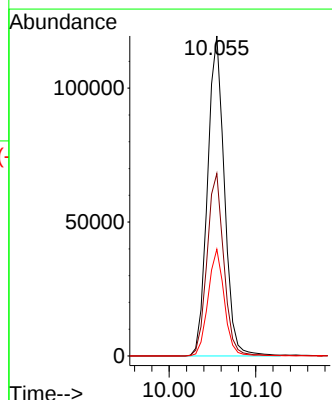
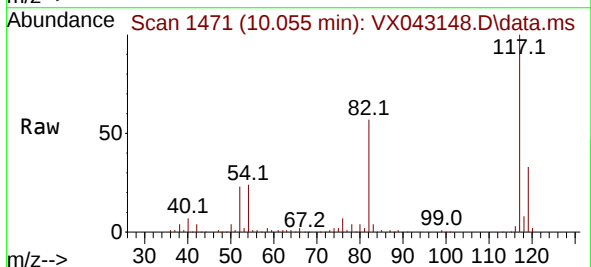
Instrument :
MSVOA_X
ClientSampleId :

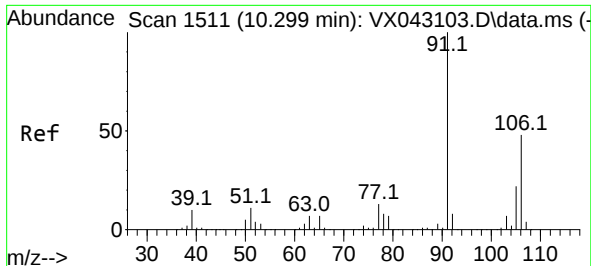
Tgt Ion: 95 Resp: 86112
Ion Ratio Lower Upper
95 100
174 71.9 0.0 146.0
176 69.1 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

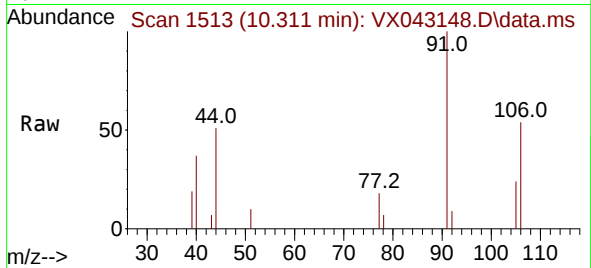
Tgt Ion: 117 Resp: 161485
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 33.4 26.3 39.5



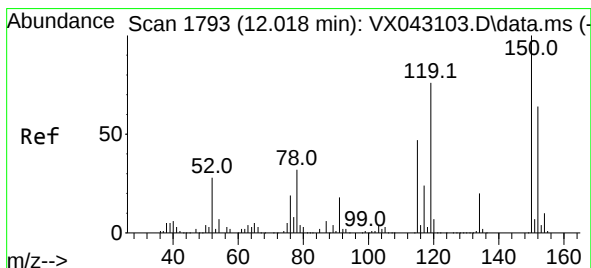
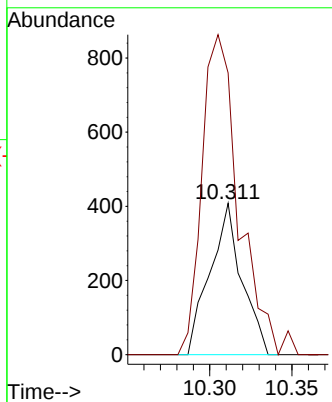
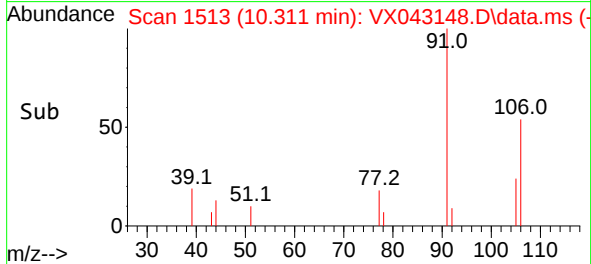


#68
m/p-Xylenes
Concen: 0.245 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :

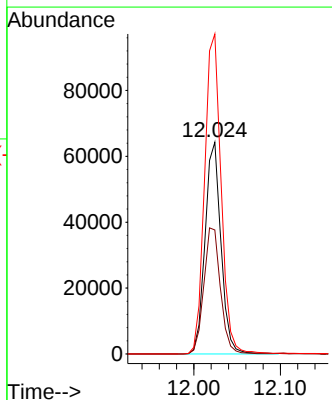
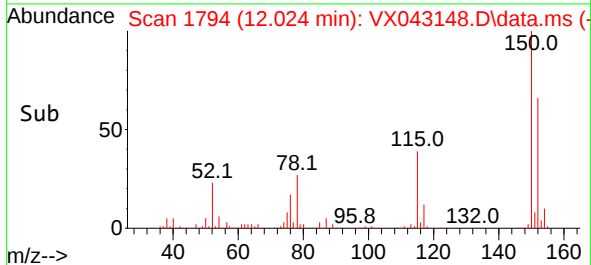
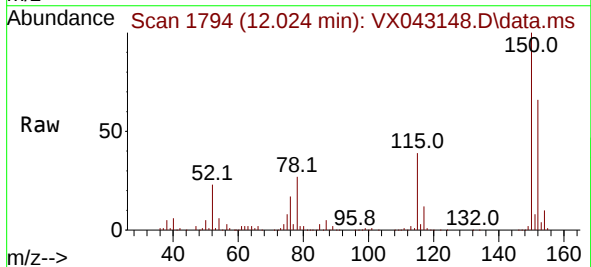


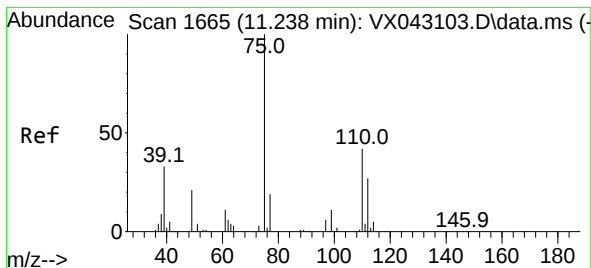
Tgt Ion:106 Resp: 550
Ion Ratio Lower Upper
106 100
91 246.4 167.5 251.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Tgt Ion:152 Resp: 82274
Ion Ratio Lower Upper
152 100
115 62.0 43.7 131.1
150 157.0 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 26.967 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043148.D

Acq: 25 Sep 2024 13:16

Instrument :

MSVOA_X

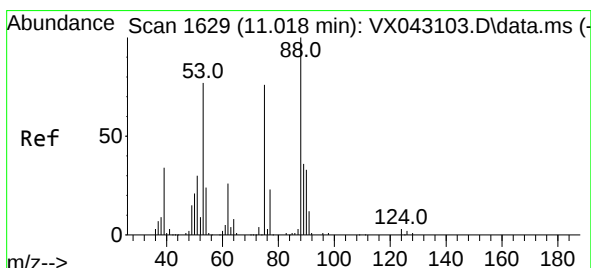
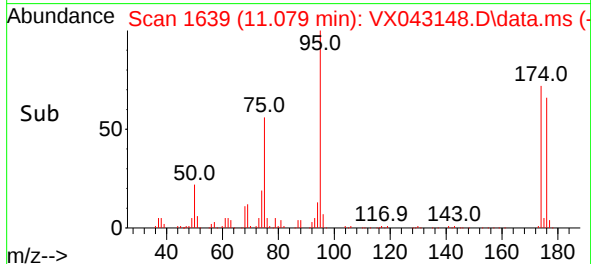
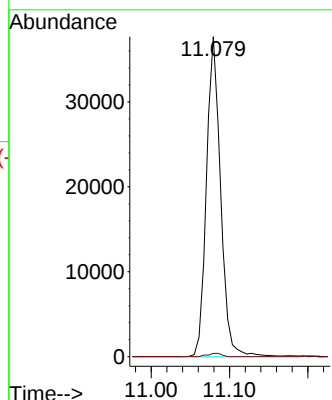
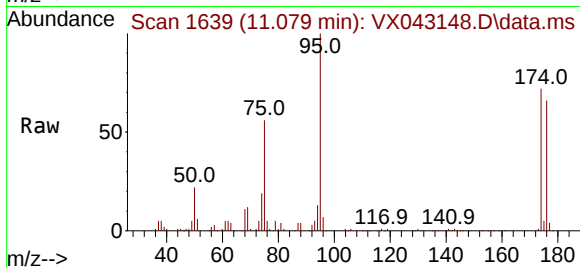
ClientSampleId :

Tgt Ion: 75 Resp: 47170

Ion Ratio Lower Upper

75 100

77 1.0 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.250 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043148.D

Acq: 25 Sep 2024 13:16

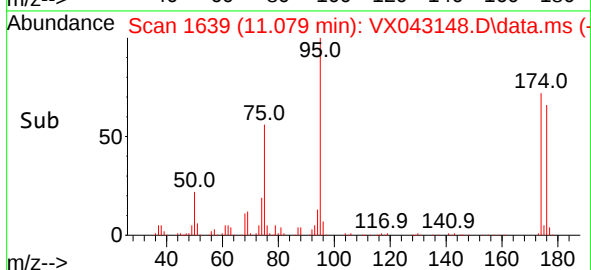
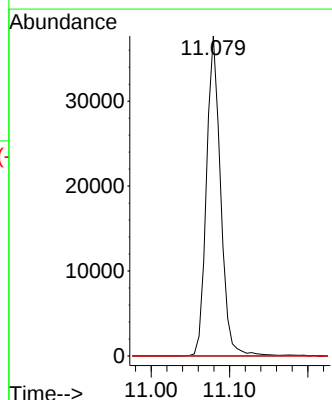
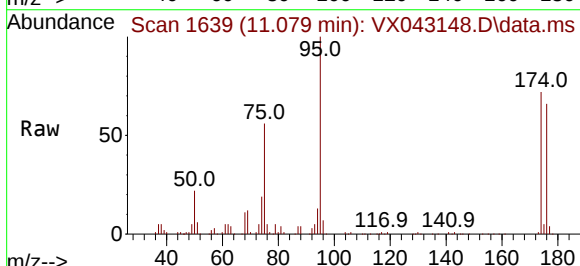
Tgt Ion: 75 Resp: 47170

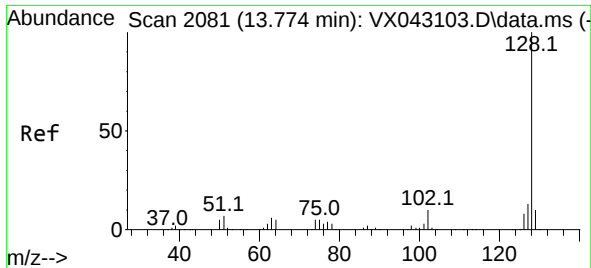
Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.2#

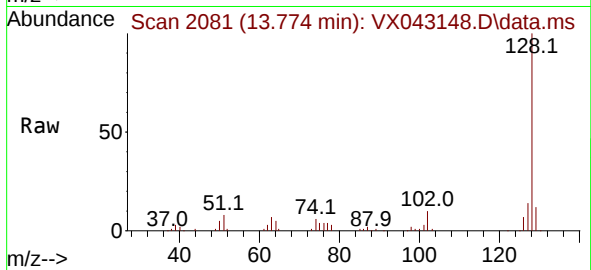
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 5.888 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043148.D
Acq: 25 Sep 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 33750
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

