

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043494.D
 Acq On : 23 Oct 2024 17:46
 Operator : JC/MD
 Sample : P4442-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 06:09:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 04:54:33 2024
 Response via : Initial Calibration

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

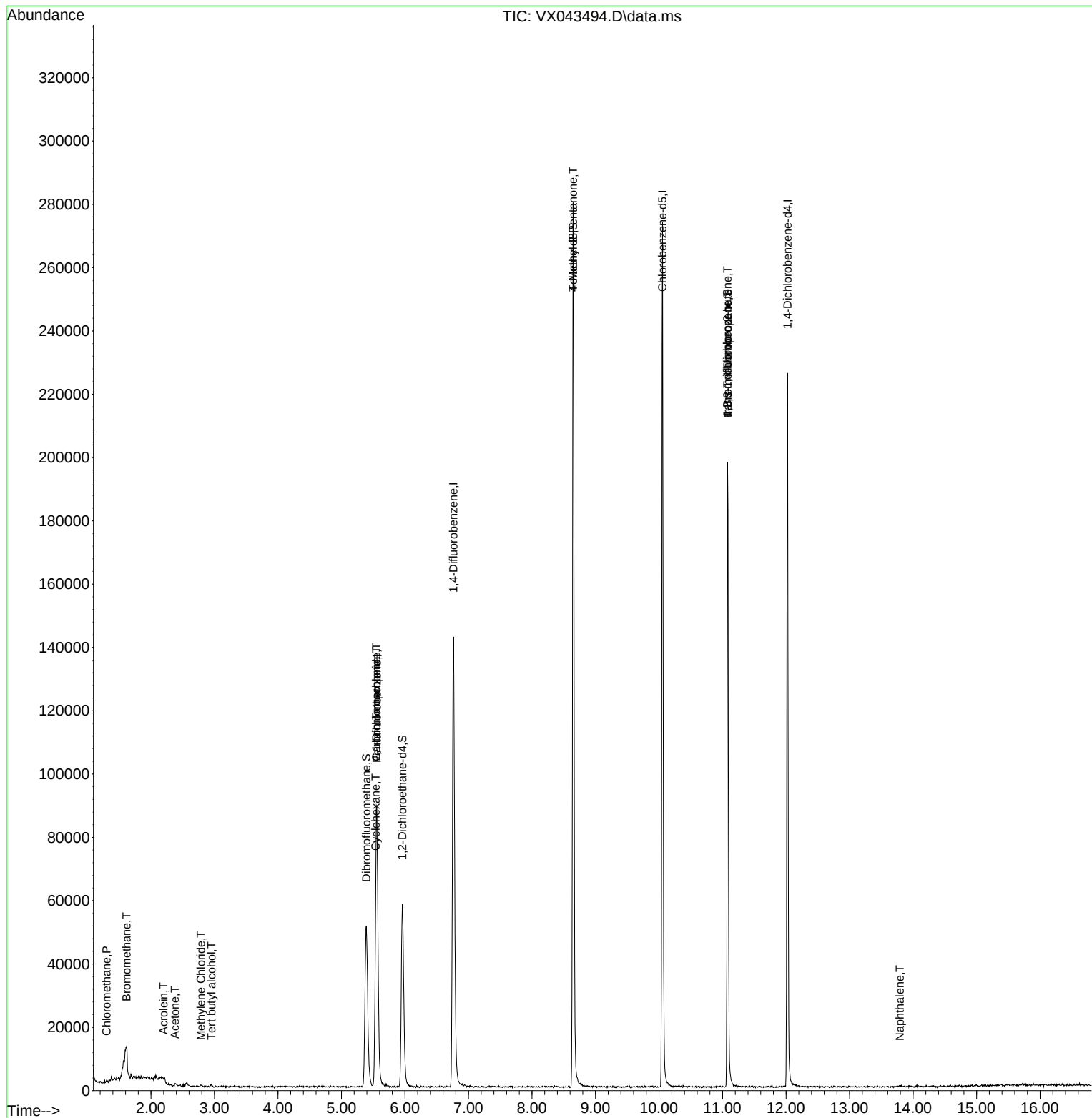
Internal Standards						
1) Pentafluorobenzene	5.556	168	81310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148045	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58688	42.071	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.140%
35) Dibromofluoromethane	5.391	113	46823	45.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	171056	47.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.079	95	57375	42.029	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	249	0.206	ug/l #	52
5) Bromomethane	1.617	94	325	0.691	ug/l #	3
11) Tert butyl alcohol	2.953	59	73	0.367	ug/l #	70
13) Acrolein	2.197	56	63	0.311	ug/l #	1
16) Acetone	2.380	43	745	1.434	ug/l #	84
20) Methylene Chloride	2.788	84	301	0.260	ug/l #	79
31) Cyclohexane	5.538	56	1883	1.318	ug/l #	64
36) 1,1-Dichloropropene	5.550	75	6643	5.509	ug/l #	44
38) Carbon Tetrachloride	5.550	117	8994	6.823	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	830	0.653	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29873	30.214	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	29873	111.586	ug/l #	3
95) Naphthalene	13.792	128	734	0.243	ug/l #	80

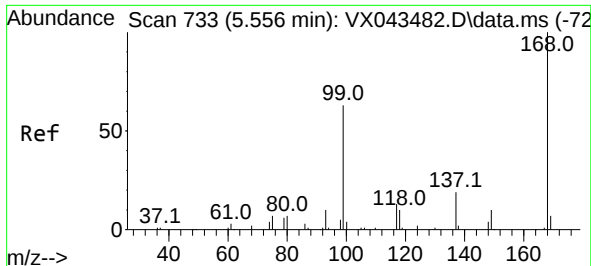
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 24 06:09:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102324W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 04:54:33 2024
Response via : Initial Calibration



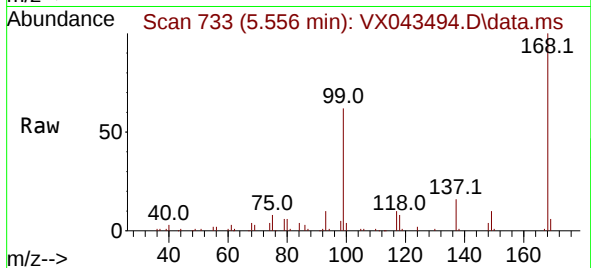


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

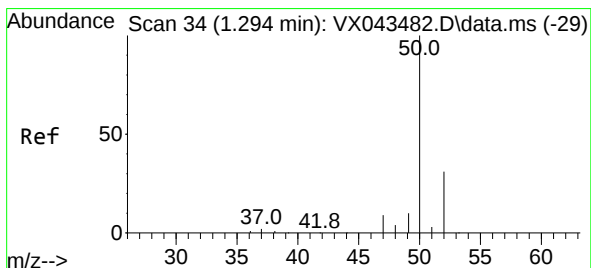
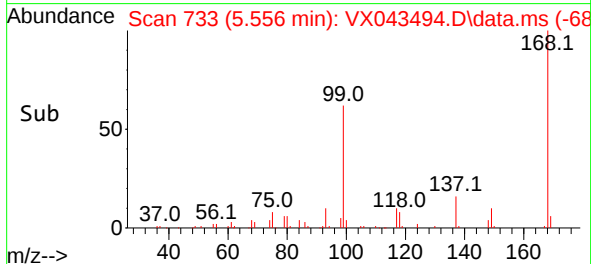
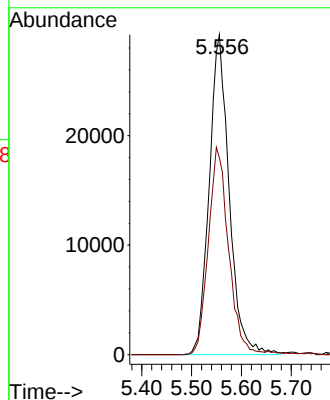
Instrument :

MSVOA_X

ClientSampleId :

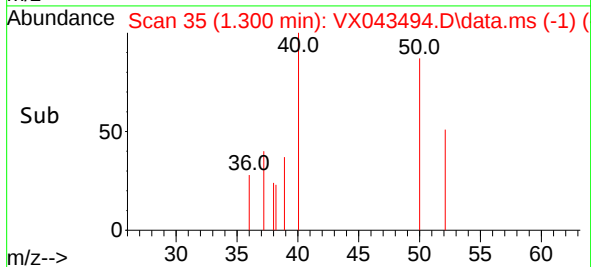
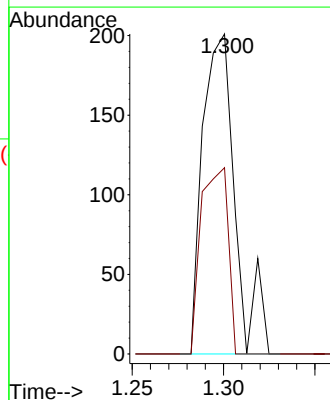
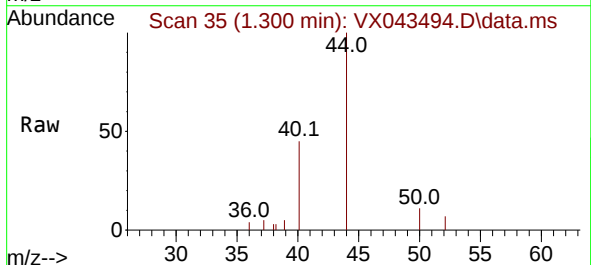


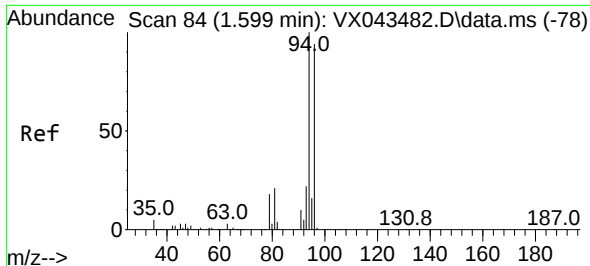
Tgt Ion:168 Resp: 81310
Ion Ratio Lower Upper
168 100
99 61.6 50.7 76.1



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

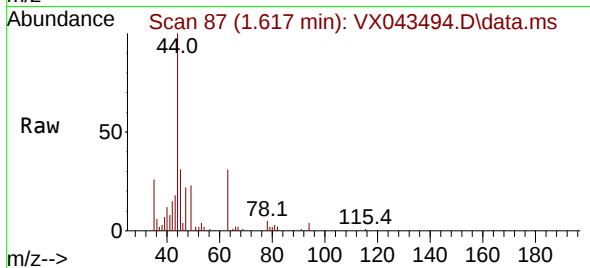
Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 58.2 25.1 37.7#



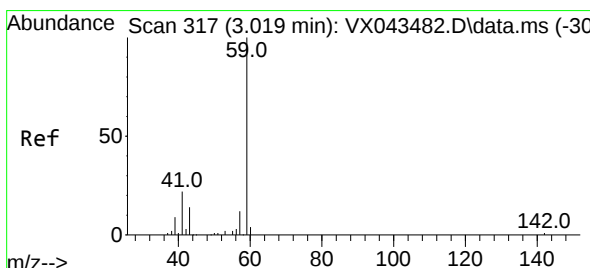
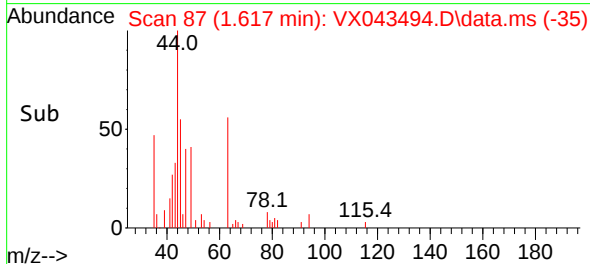
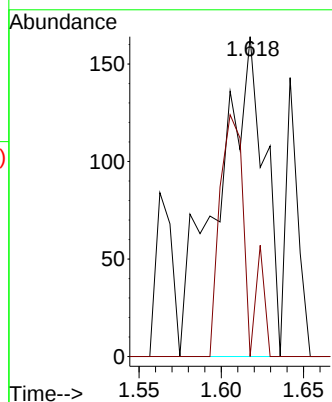


#5
Bromomethane
Concen: 0.691 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :

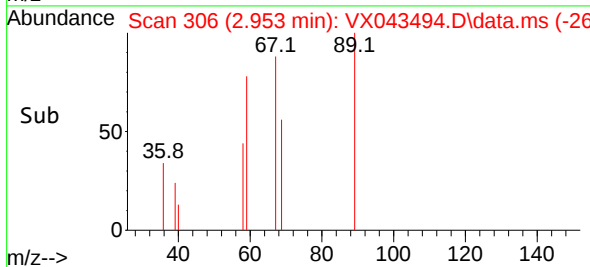
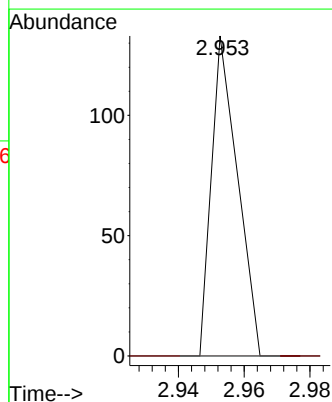
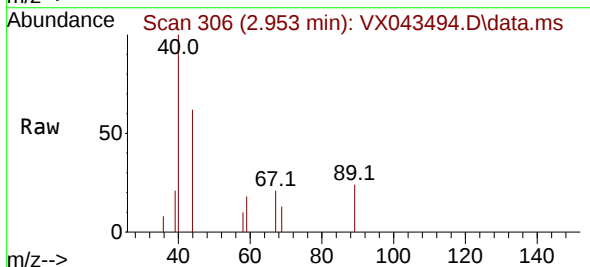


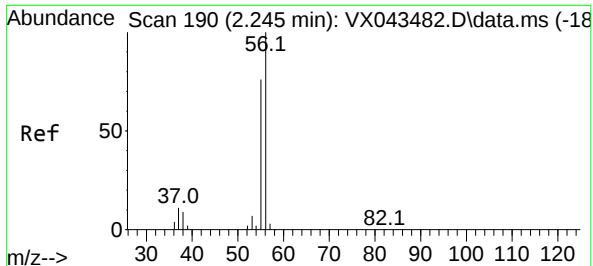
Tgt Ion: 94 Resp: 325
Ion Ratio Lower Upper
94 100
96 0.0 75.2 112.8#



#11
Tert butyl alcohol
Concen: 0.367 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.067 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

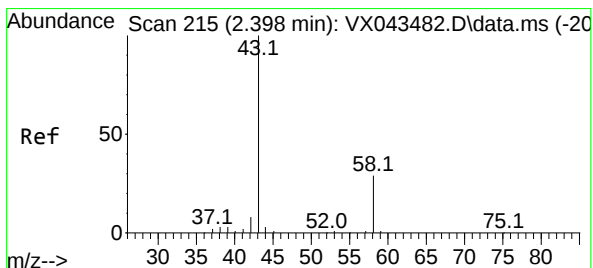
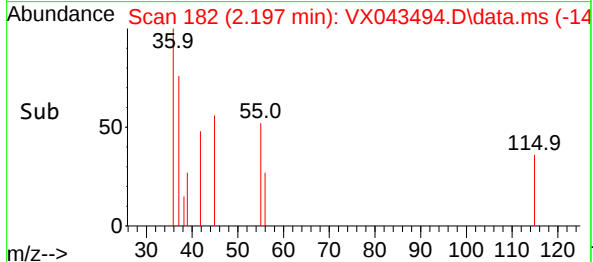
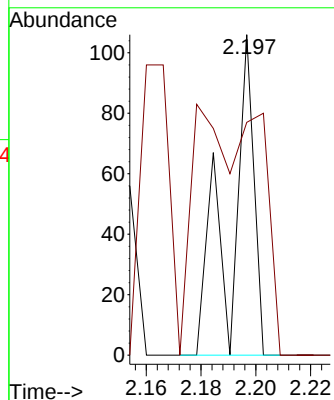
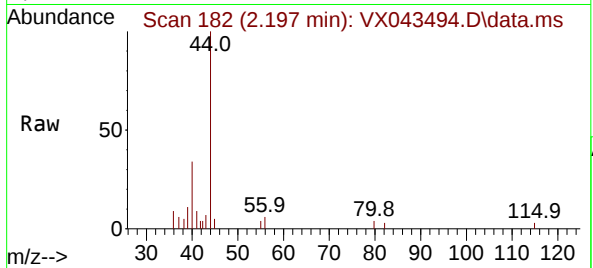




#13
Acrolein
Concen: 0.311 ug/l
RT: 2.197 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

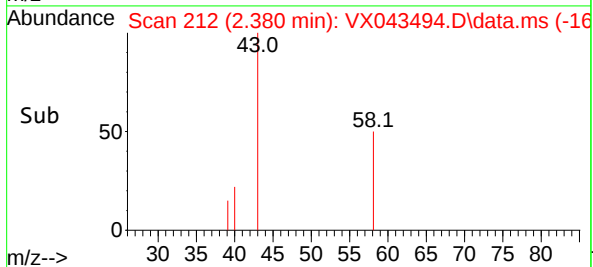
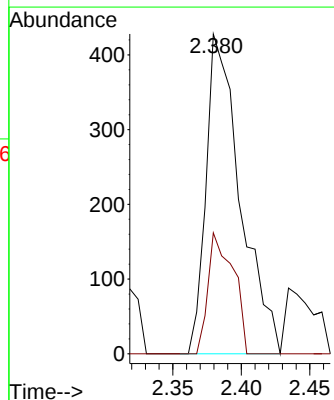
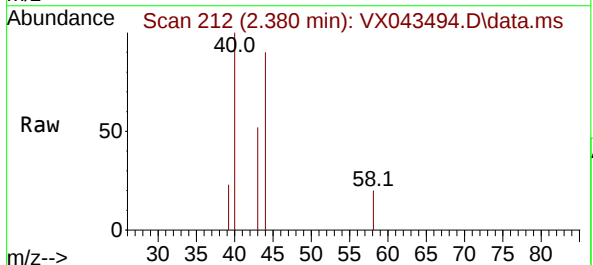
Instrument :
MSVOA_X
ClientSampleId :

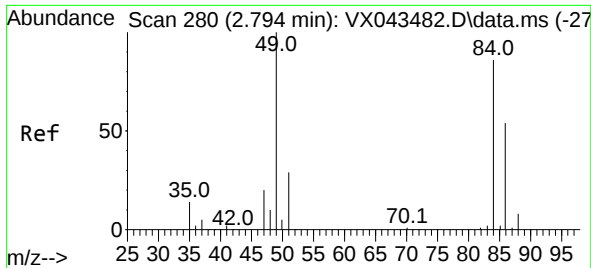
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 217.5 56.6 85.0#



#16
Acetone
Concen: 1.434 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 37.9 23.3 34.9#





#20

Methylene Chloride

Concen: 0.260 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX043494.D

Acq: 23 Oct 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 301

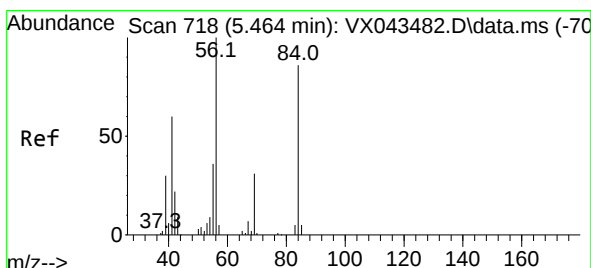
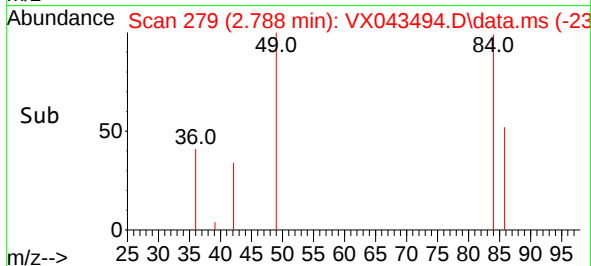
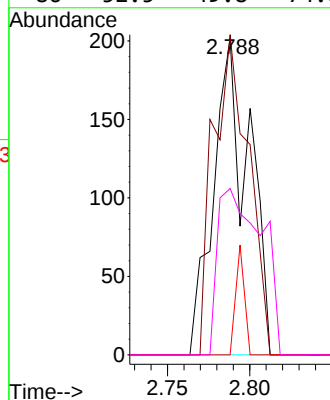
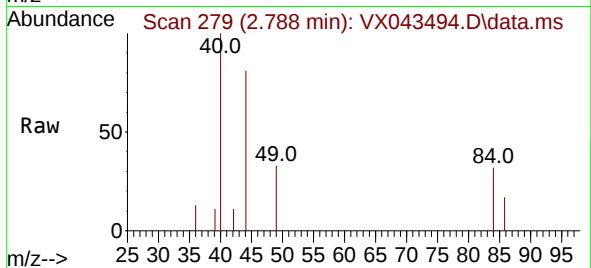
Ion Ratio Lower Upper

84 100

49 101.0 92.9 139.3

51 0.0 27.2 40.8#

86 52.5 49.8 74.8



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX043494.D

Acq: 23 Oct 2024 17:46

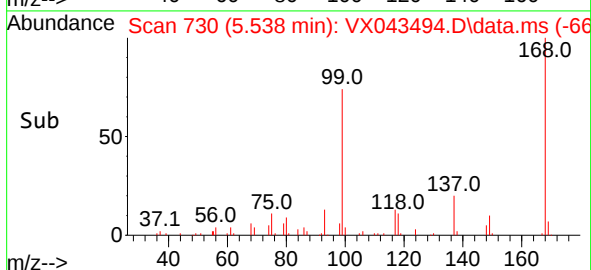
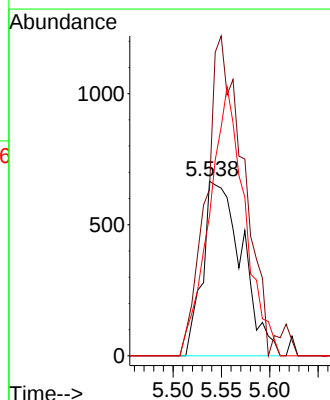
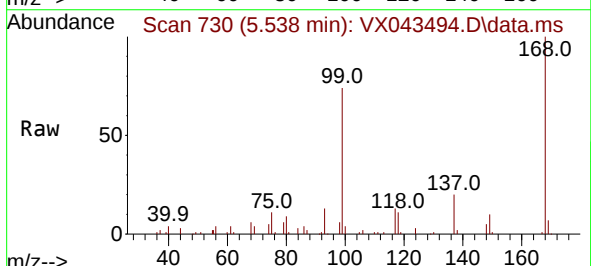
Tgt Ion: 56 Resp: 1883

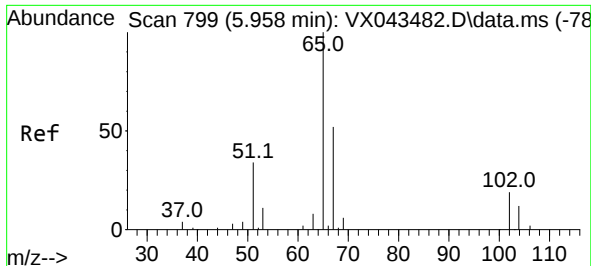
Ion Ratio Lower Upper

56 100

69 95.2 24.6 36.8#

84 79.9 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 42.071 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043494.D

Acq: 23 Oct 2024 17:46

Instrument :

MSVOA_X

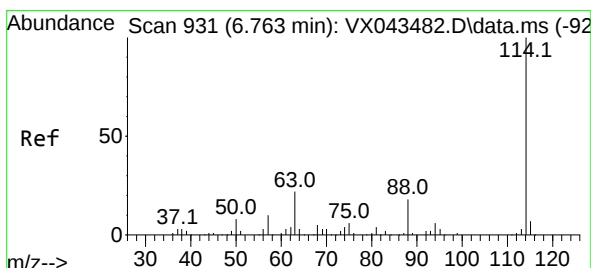
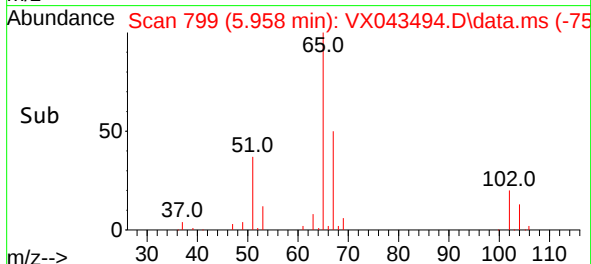
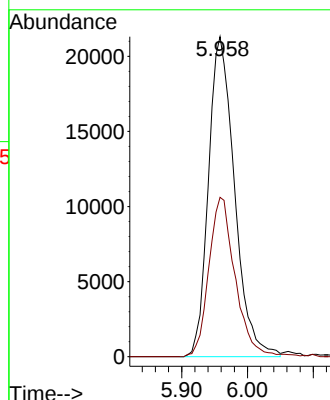
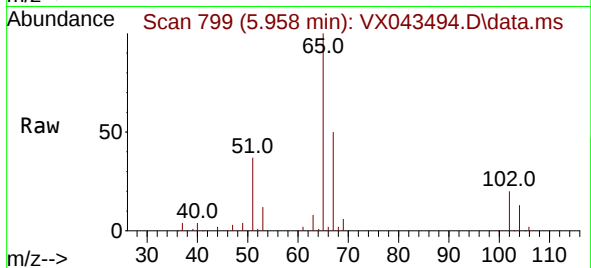
ClientSampleId :

Tgt Ion: 65 Resp: 58688

Ion Ratio Lower Upper

65 100

67 50.3 0.0 98.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX043494.D

Acq: 23 Oct 2024 17:46

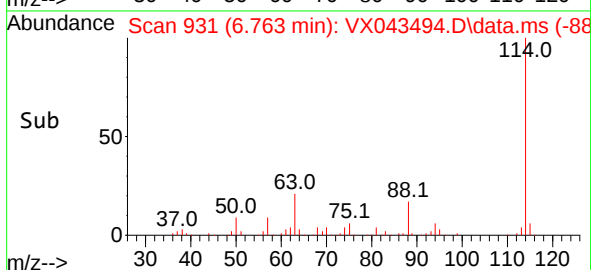
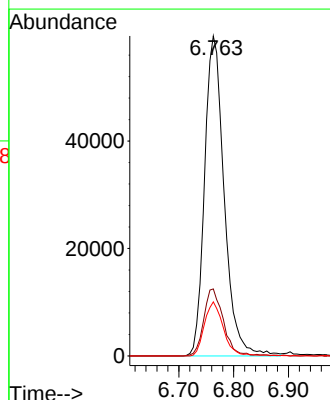
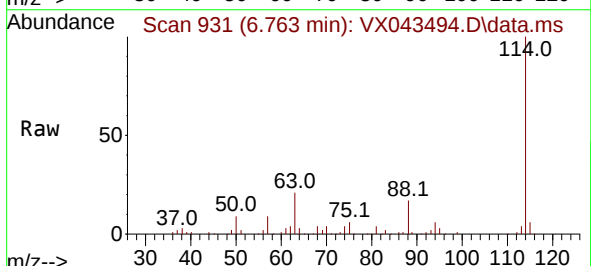
Tgt Ion: 114 Resp: 148045

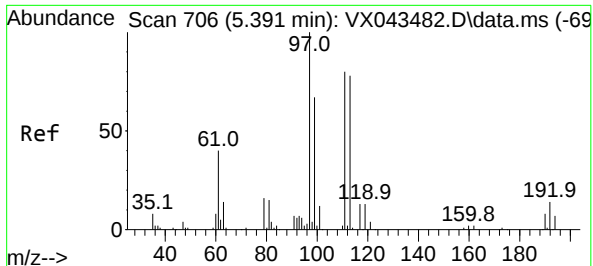
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

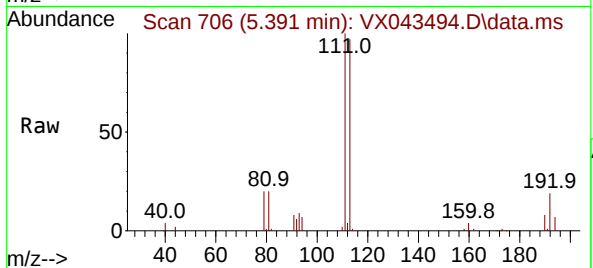
88 16.9 0.0 35.2



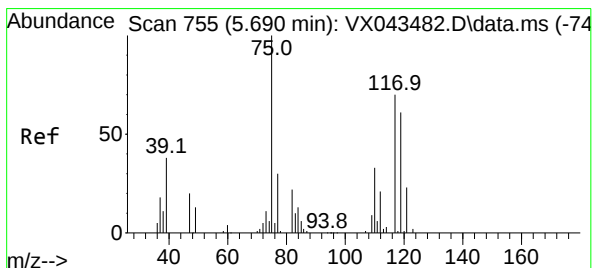
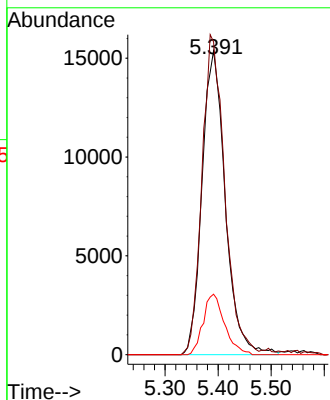
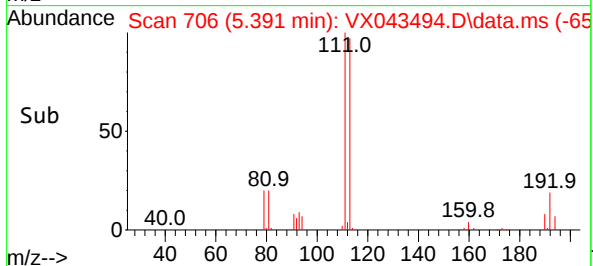


#35
Dibromofluoromethane
Concen: 45.980 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :

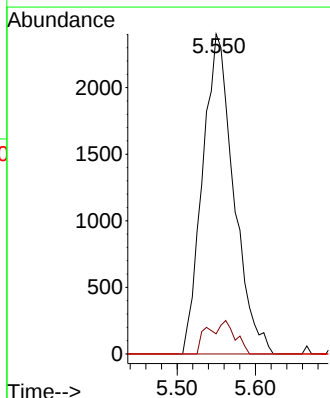
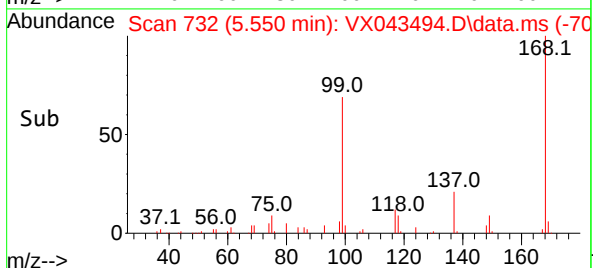
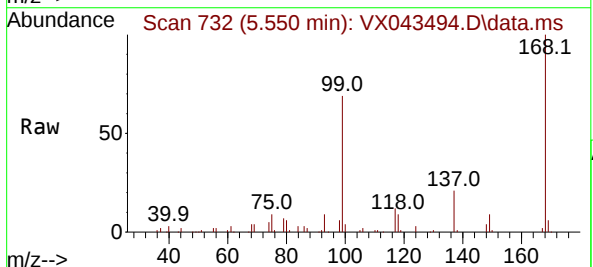


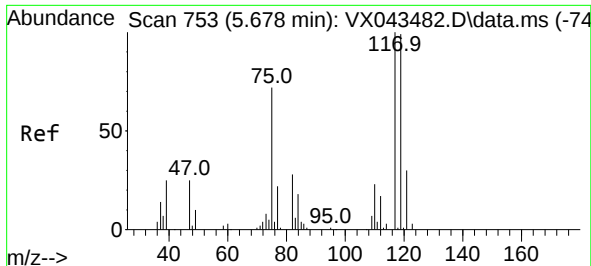
Tgt Ion:113 Resp: 46823
Ion Ratio Lower Upper
113 100
111 102.8 82.1 123.1
192 18.3 13.8 20.8



#36
1,1-Dichloropropene
Concen: 5.509 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

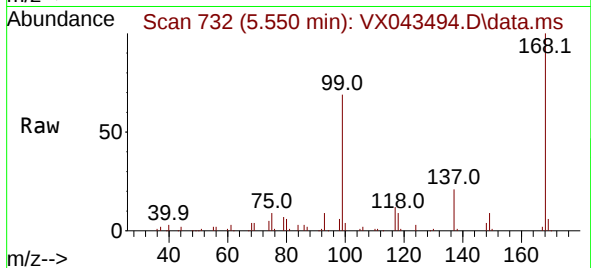
Tgt Ion: 75 Resp: 6643
Ion Ratio Lower Upper
75 100
110 3.8 17.8 53.5#
77 0.0 25.1 37.7#



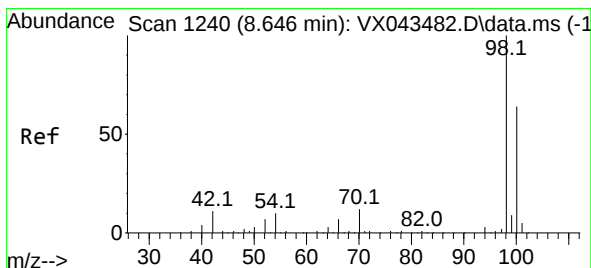
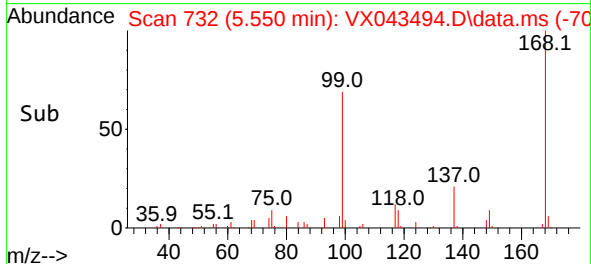
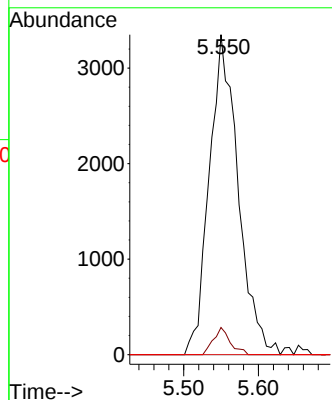


#38
Carbon Tetrachloride
Concen: 6.823 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Instrument :
MSVOA_X
ClientSampleId :

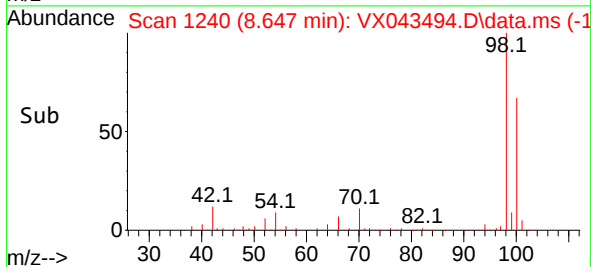
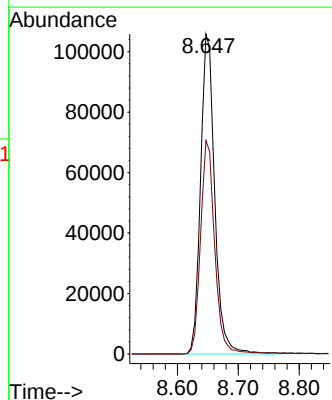
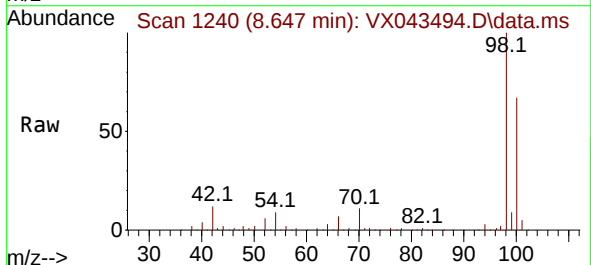


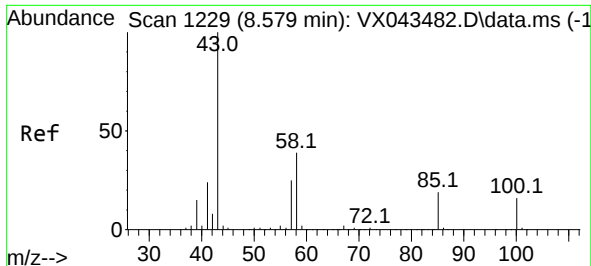
Tgt Ion:117 Resp: 8994
Ion Ratio Lower Upper
117 100
119 8.5 78.6 117.8#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 47.856 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion: 98 Resp: 171056
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.653 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX043494.D

Acq: 23 Oct 2024 17:46

Instrument :

MSVOA_X

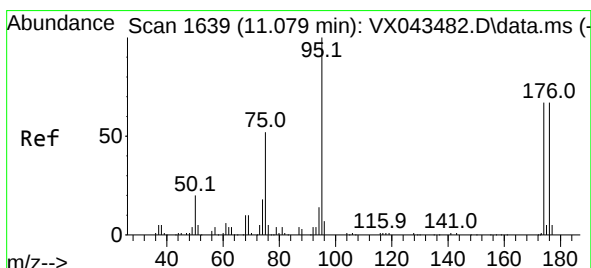
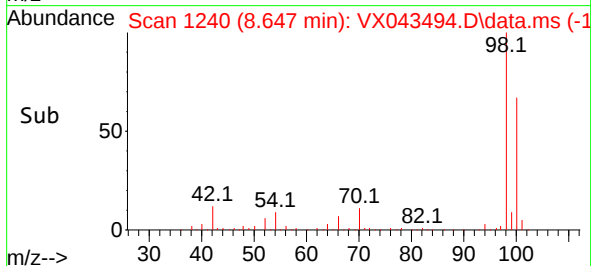
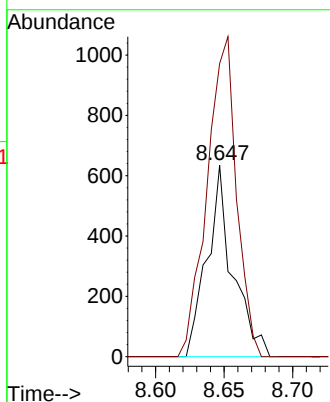
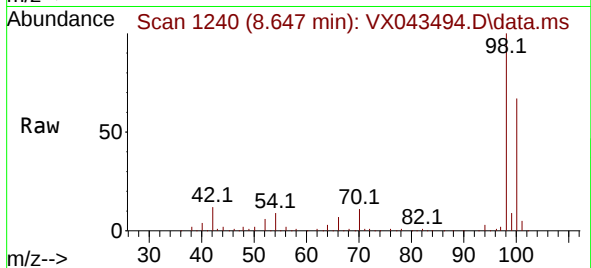
ClientSampleId :

Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

58 191.3 29.8 44.8#



#62

4-Bromofluorobenzene

Concen: 42.029 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043494.D

Acq: 23 Oct 2024 17:46

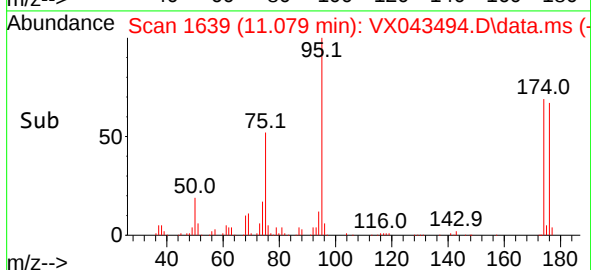
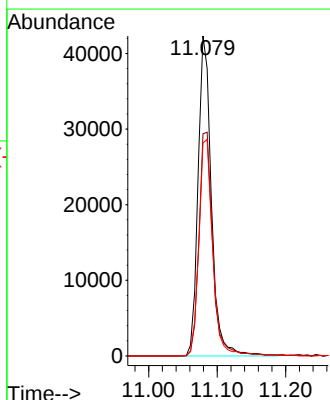
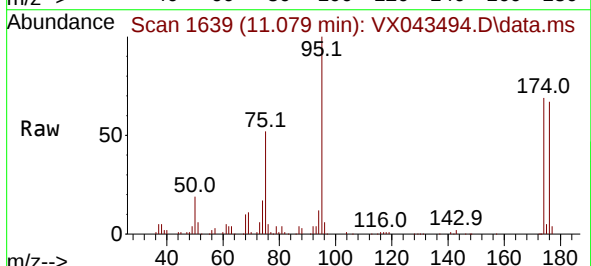
Tgt Ion: 95 Resp: 57375

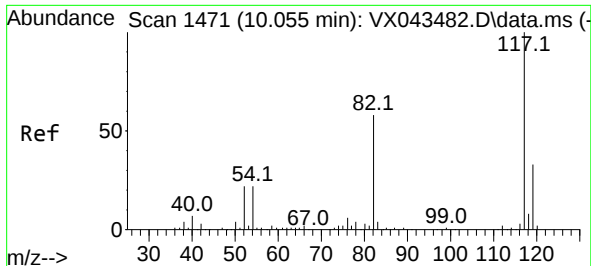
Ion Ratio Lower Upper

95 100

174 72.4 0.0 148.6

176 70.4 0.0 142.8

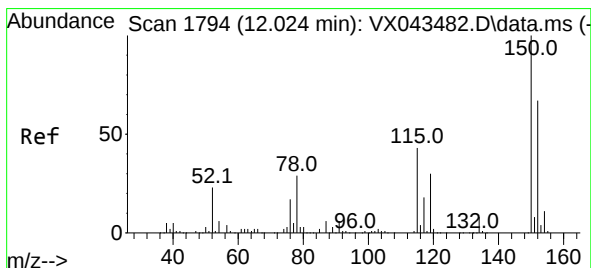
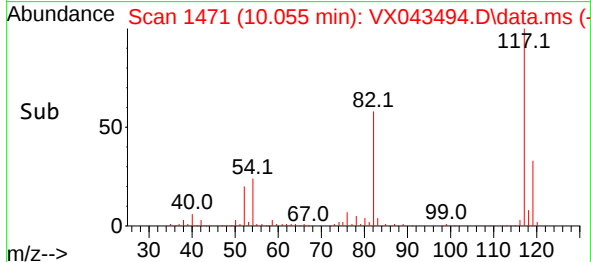
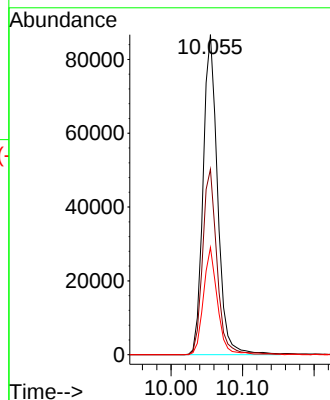
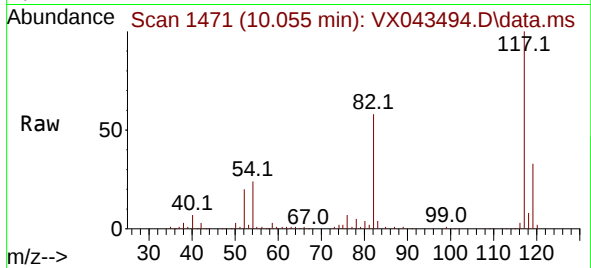




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

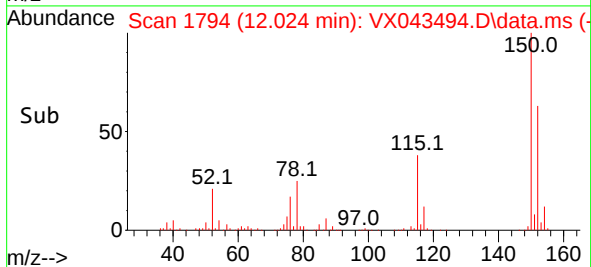
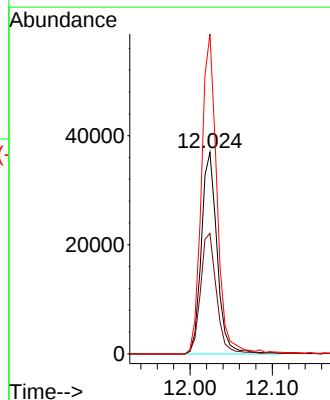
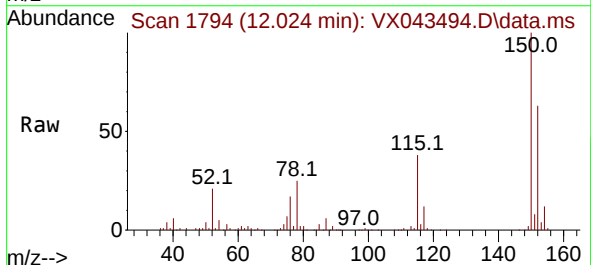
Instrument :
MSVOA_X
ClientSampleId :

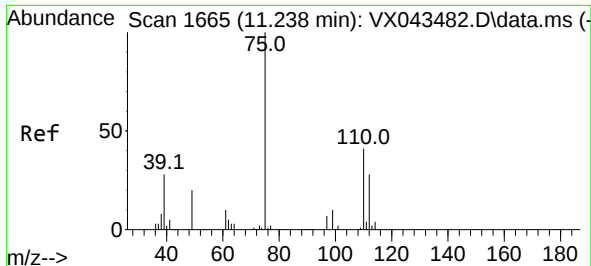
Tgt Ion:117 Resp: 122050
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 33.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion:152 Resp: 49295
Ion Ratio Lower Upper
152 100
115 60.5 43.4 130.2
150 156.9 0.0 337.2

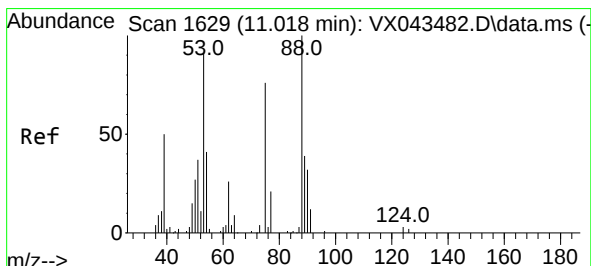
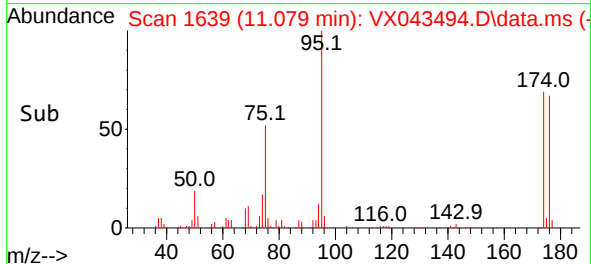
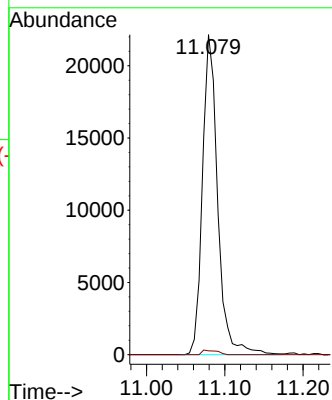
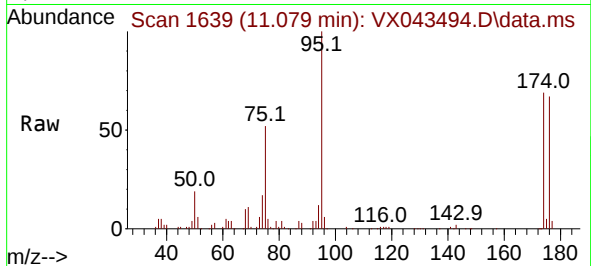




#76
1,2,3-Trichloropropane
Concen: 30.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

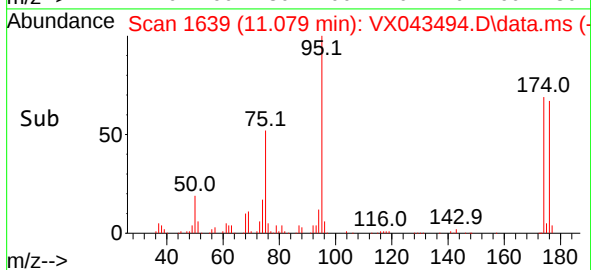
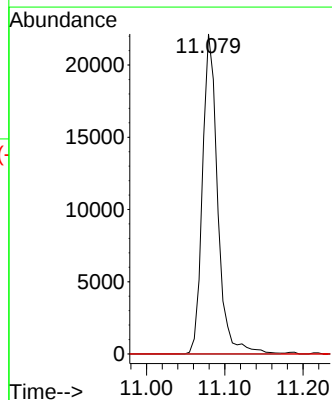
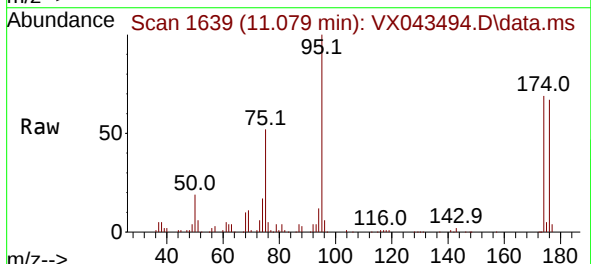
Instrument :
MSVOA_X
ClientSampleId :

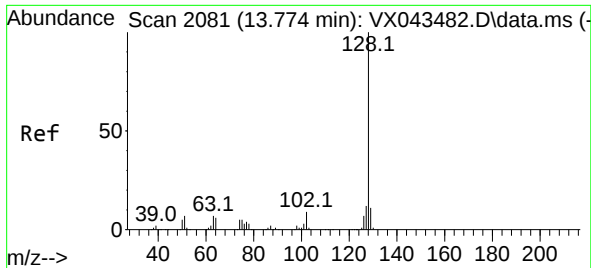
Tgt Ion: 75 Resp: 29873
Ion Ratio Lower Upper
75 100
77 1.4 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043494.D
Acq: 23 Oct 2024 17:46

Tgt Ion: 75 Resp: 29873
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 40.1 60.1#





#95

Naphthalene

Concen: 0.243 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.019 min

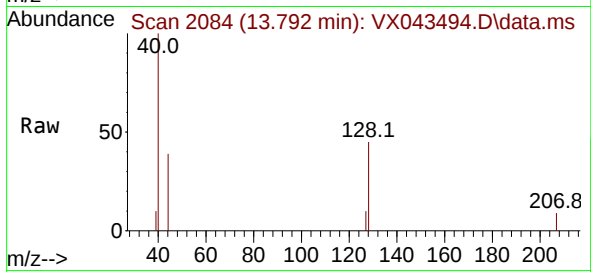
Lab File: VX043494.D

Acq: 23 Oct 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 734

Ion Ratio Lower Upper

128 100

127 7.2 9.8 14.6#

129 0.0 8.8 13.2#

