

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102324\
 Data File : VX043493.D
 Acq On : 23 Oct 2024 17:22
 Operator : JC/MD
 Sample : P4442-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 06:09:27 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)

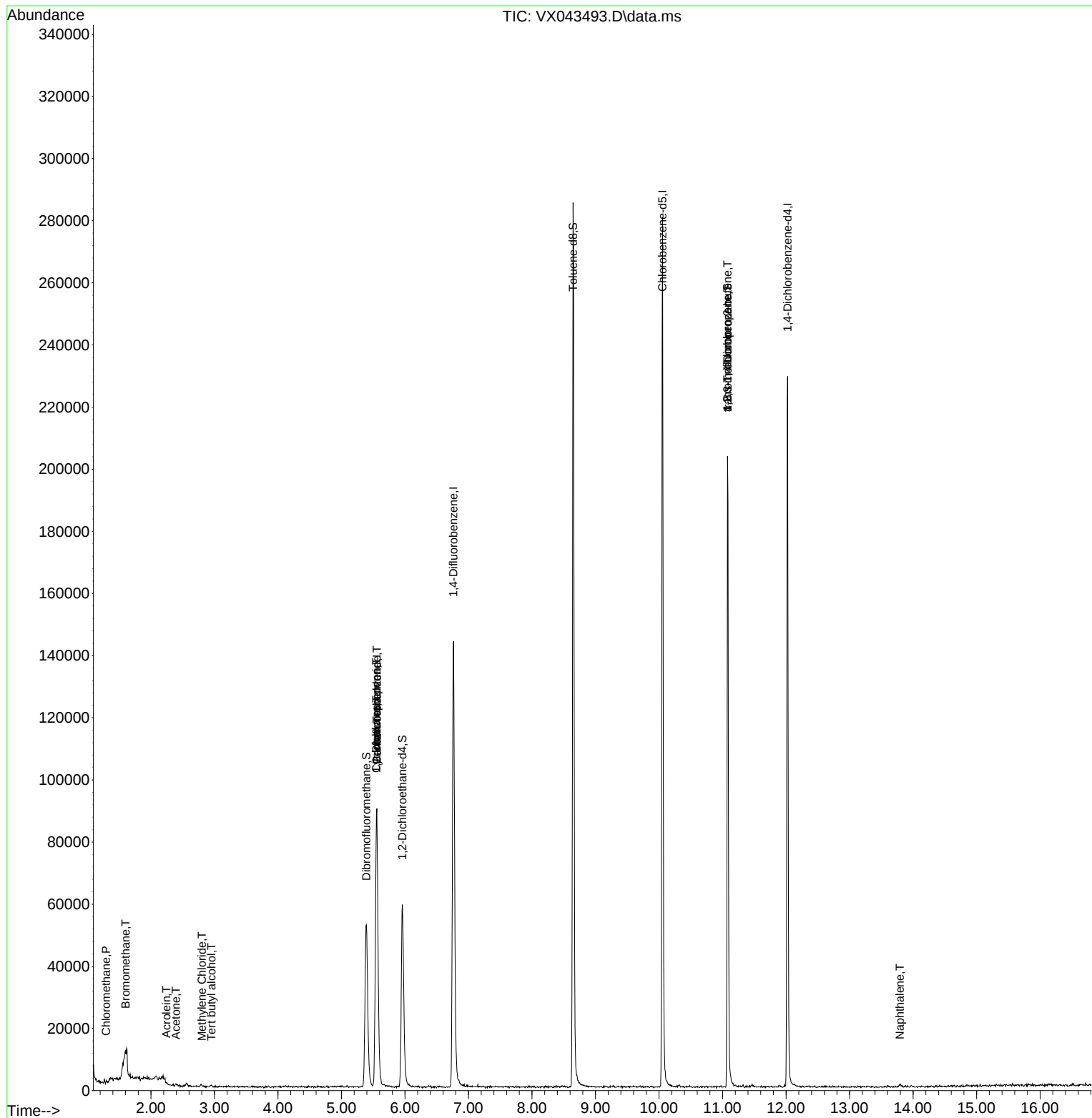
Internal Standards						
1) Pentafluorobenzene	5.556	168	82048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60893	43.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.520%
35) Dibromofluoromethane	5.391	113	48436	47.653	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.647	98	172405	48.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.079	95	58608	43.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	266	0.218	ug/l #	76
5) Bromomethane	1.599	94	305	0.642	ug/l #	76
11) Tert butyl alcohol	2.953	59	102	0.509	ug/l #	70
13) Acrolein	2.239	56	184	0.901	ug/l #	75
16) Acetone	2.392	43	897	1.711	ug/l	90
20) Methylene Chloride	2.800	84	378	0.324	ug/l #	47
31) Cyclohexane	5.550	56	1925	1.335	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	6887	5.722	ug/l #	47
38) Carbon Tetrachloride	5.556	117	9297	7.066	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	31593	31.623	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31593	116.788	ug/l #	3
95) Naphthalene	13.792	128	1218	0.399	ug/l #	78

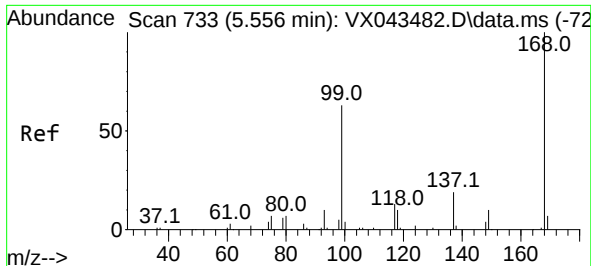
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

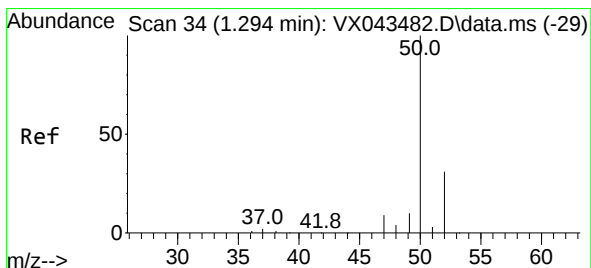
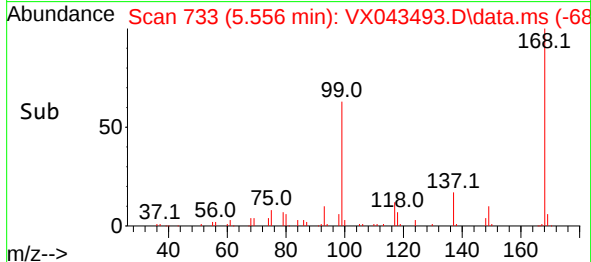
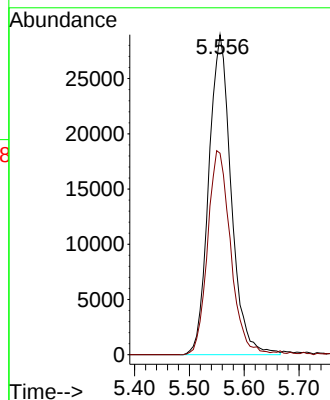
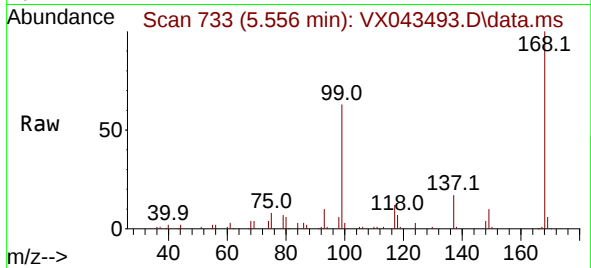




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

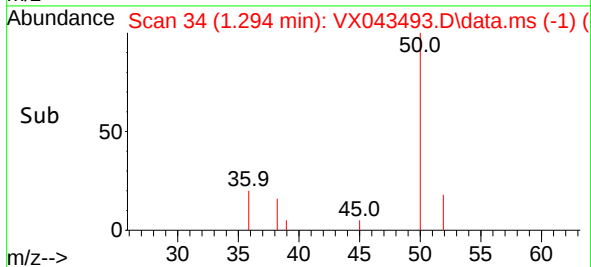
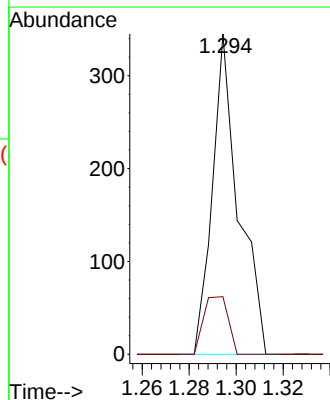
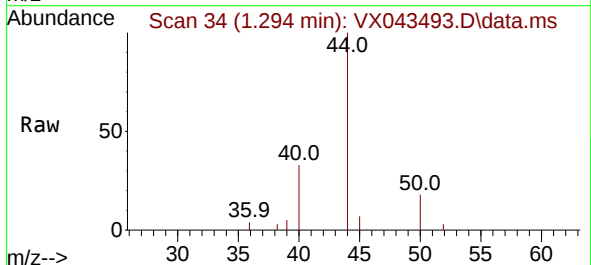
Instrument :
MSVOA_X
ClientSampleId :

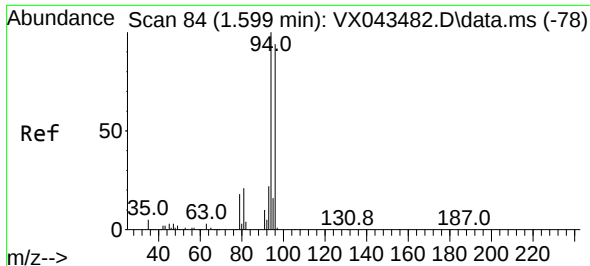
Tgt Ion:168 Resp: 82048
Ion Ratio Lower Upper
168 100
99 62.9 50.7 76.1



#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

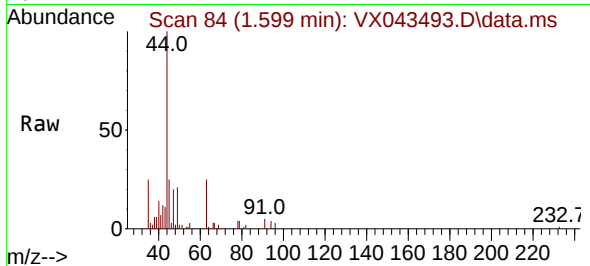
Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 18.0 25.1 37.7#



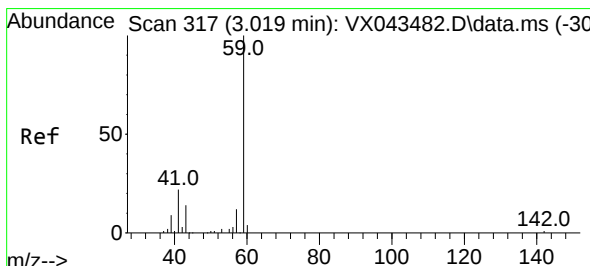
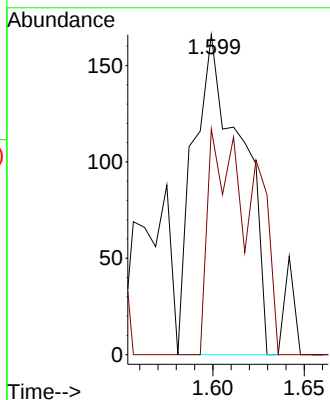
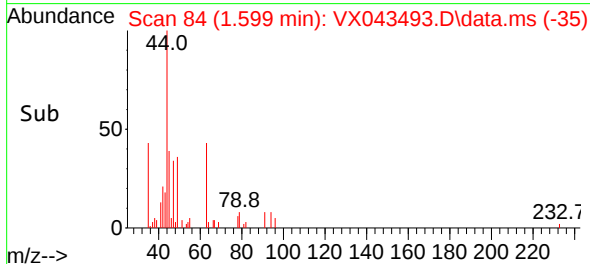


#5
Bromomethane
Concen: 0.642 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :

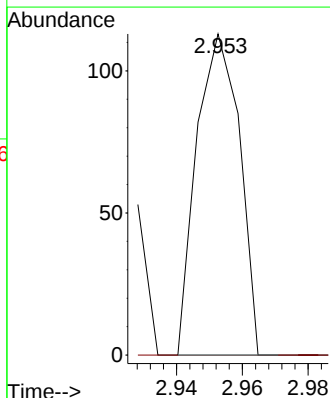
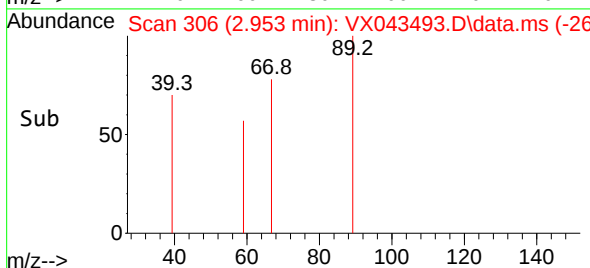
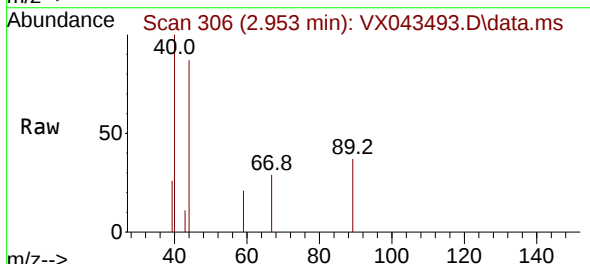


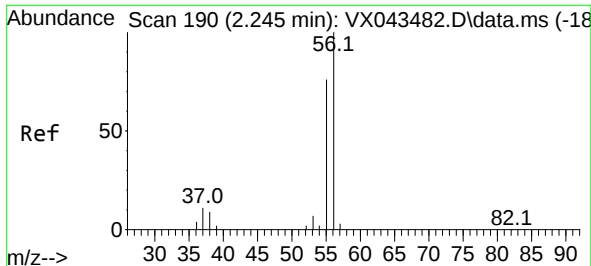
Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 70.5 75.2 112.8#



#11
Tert butyl alcohol
Concen: 0.509 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.067 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

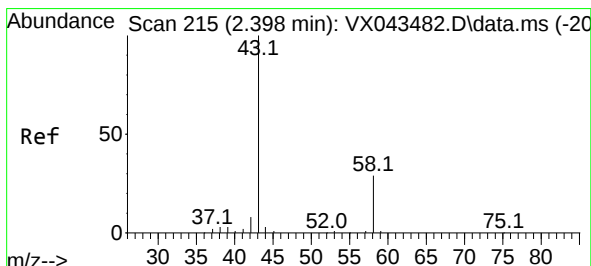
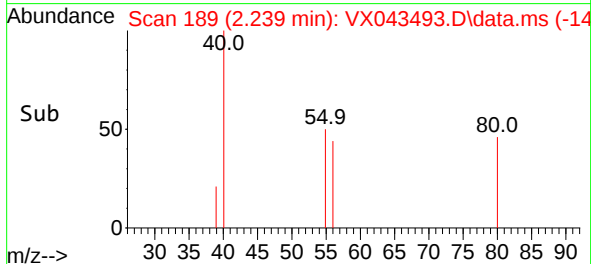
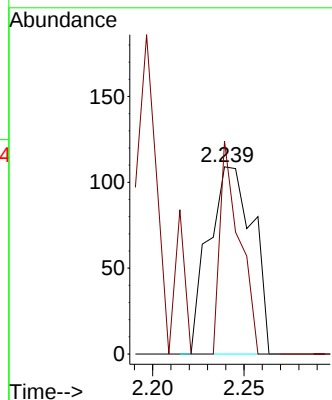
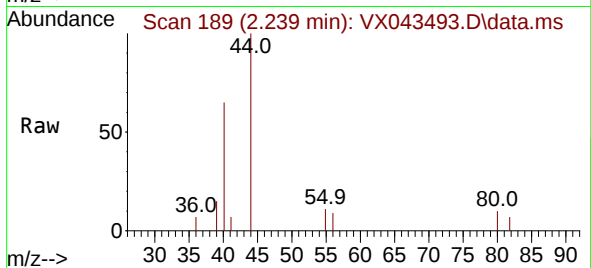




#13
Acrolein
Concen: 0.901 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

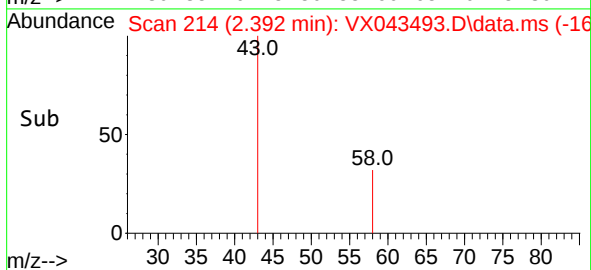
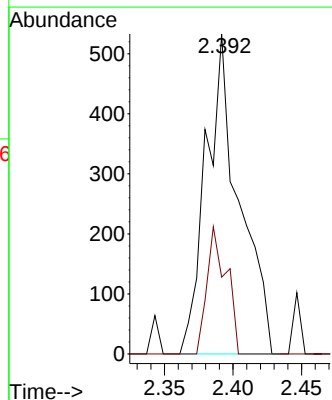
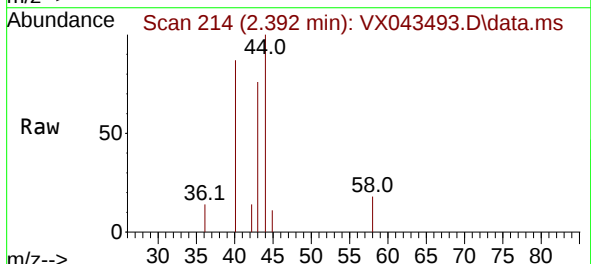
Instrument :
MSVOA_X
ClientSampleId :

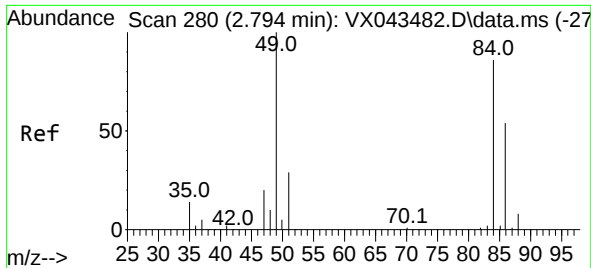
Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 50.0 56.6 85.0#



#16
Acetone
Concen: 1.711 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

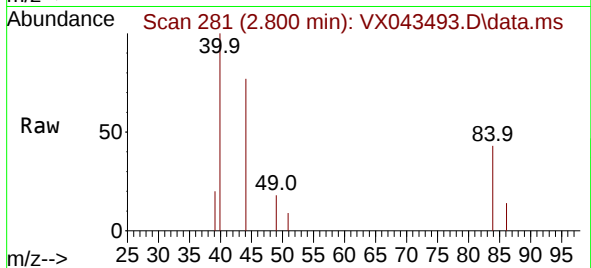
Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 24.0 23.3 34.9





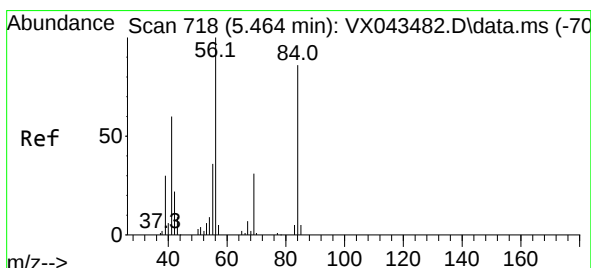
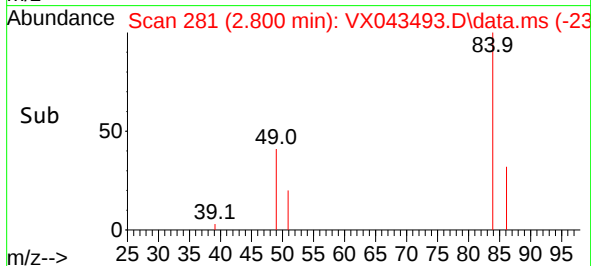
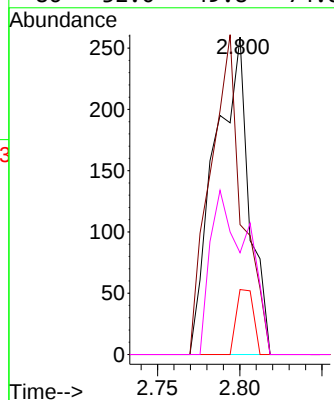
#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 378

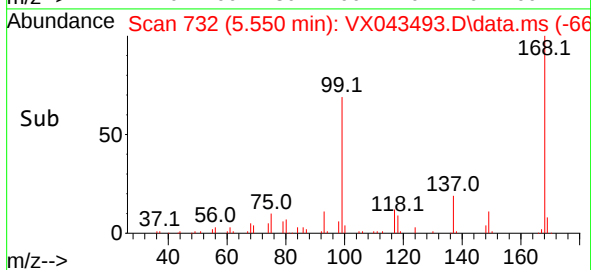
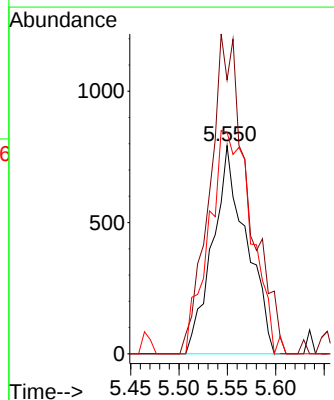
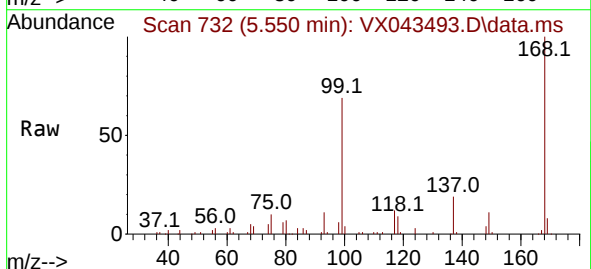
Ion	Ratio	Lower	Upper
84	100		
49	40.9	92.9	139.3#
51	20.5	27.2	40.8#
86	32.0	49.8	74.8#

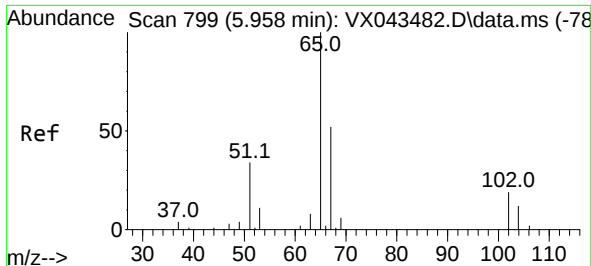


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 56 Resp: 1925

Ion	Ratio	Lower	Upper
56	100		
69	131.5	24.6	36.8#
84	106.4	69.2	103.8#





#33

1,2-Dichloroethane-d4

Concen: 43.259 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043493.D

Acq: 23 Oct 2024 17:22

Instrument :

MSVOA_X

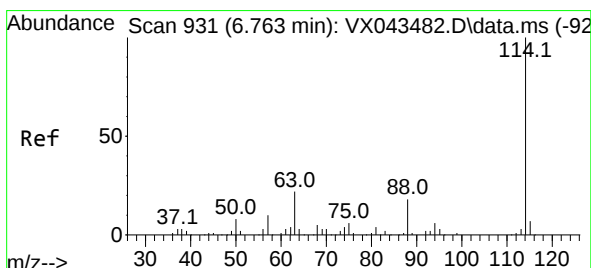
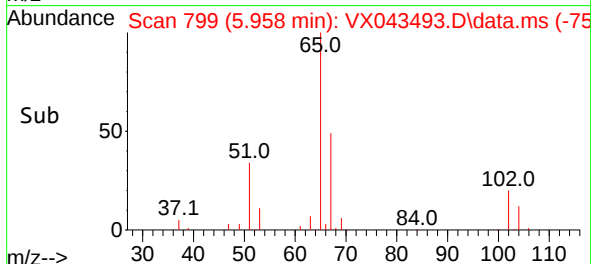
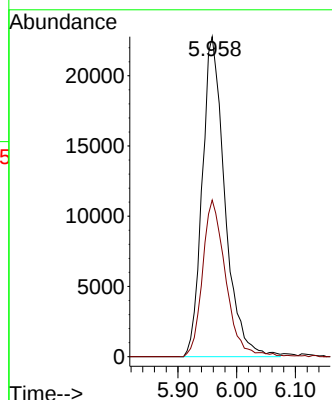
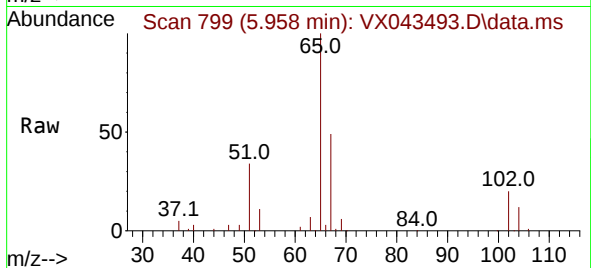
ClientSampleId :

Tgt Ion: 65 Resp: 60893

Ion Ratio Lower Upper

65 100

67 50.1 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: VX043493.D

Acq: 23 Oct 2024 17:22

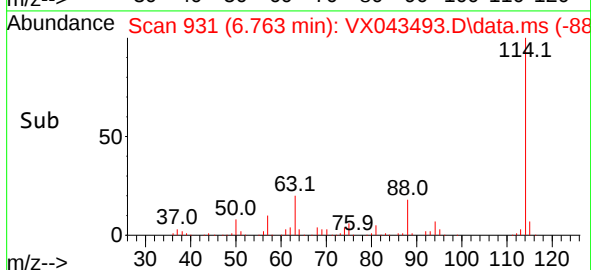
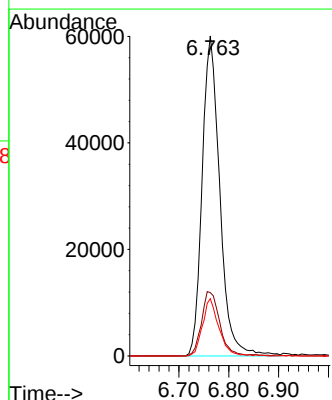
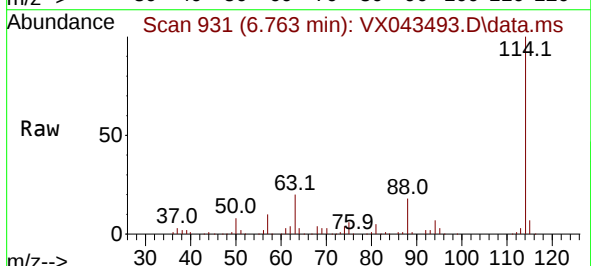
Tgt Ion: 114 Resp: 147768

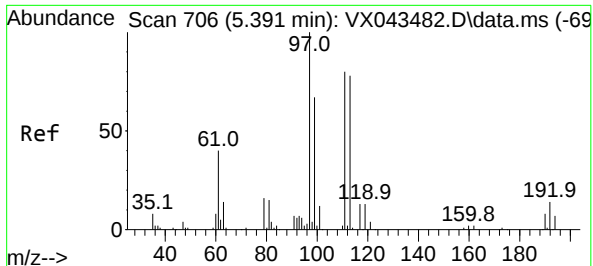
Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.0

88 17.9 0.0 35.2

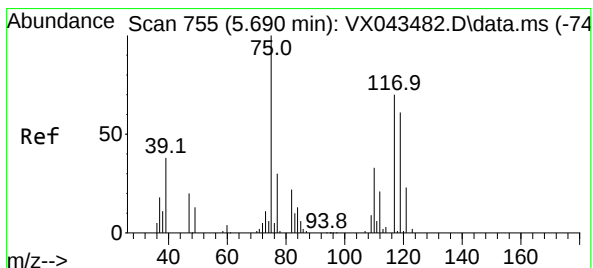
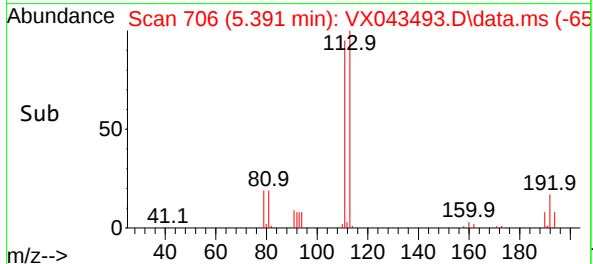
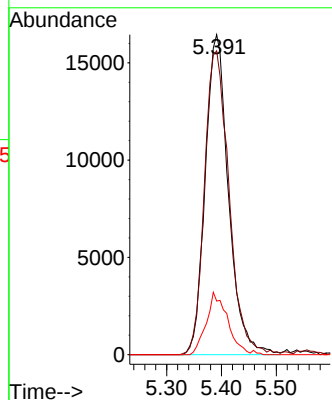
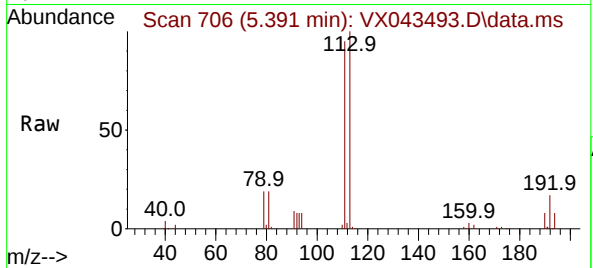




#35
Dibromofluoromethane
Concen: 47.653 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

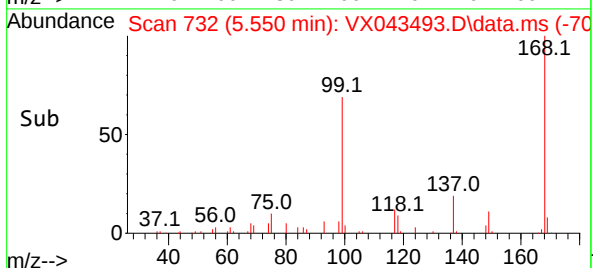
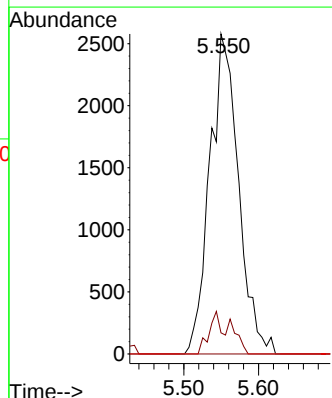
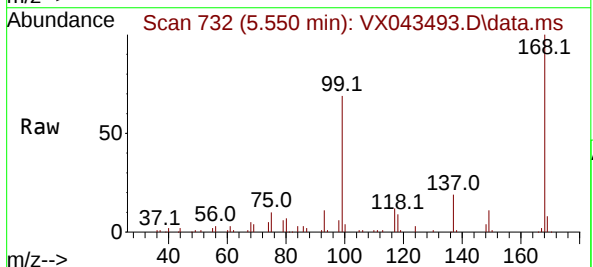
Instrument :
MSVOA_X
ClientSampleId :

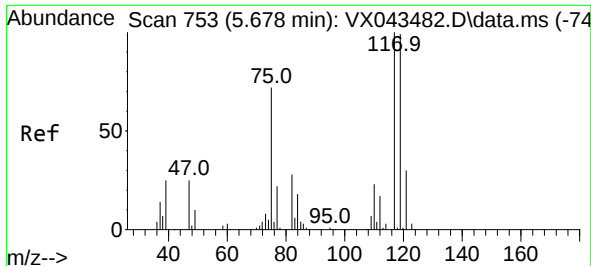
Tgt Ion:113 Resp: 48436
Ion Ratio Lower Upper
113 100
111 100.2 82.1 123.1
192 17.8 13.8 20.8



#36
1,1-Dichloropropene
Concen: 5.722 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

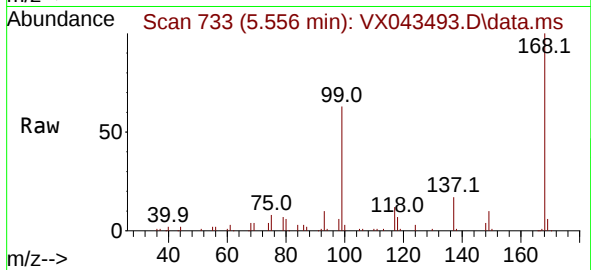
Tgt Ion: 75 Resp: 6887
Ion Ratio Lower Upper
75 100
110 6.1 17.8 53.5#
77 0.0 25.1 37.7#



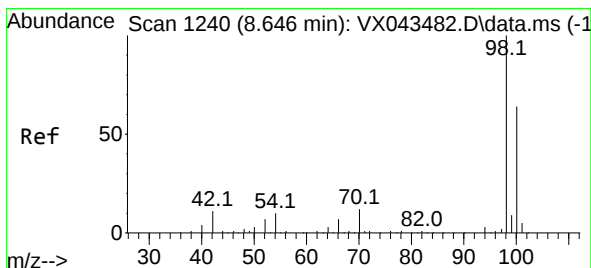
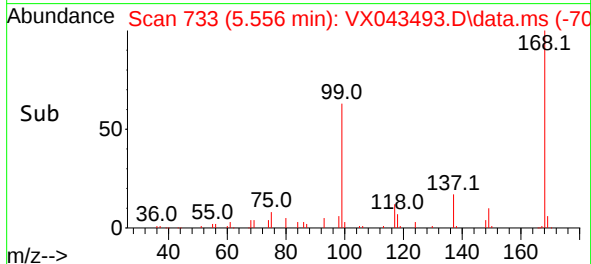
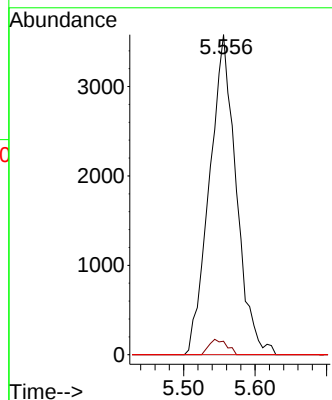


#38
Carbon Tetrachloride
Concen: 7.066 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :

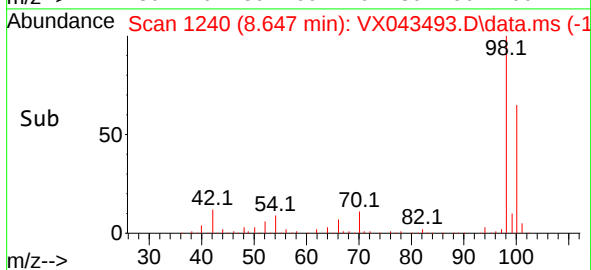
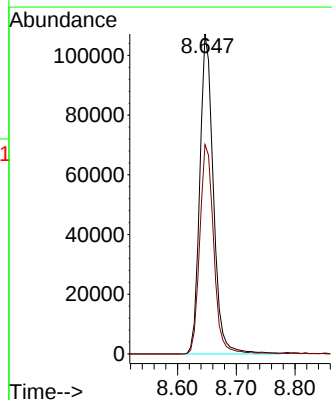
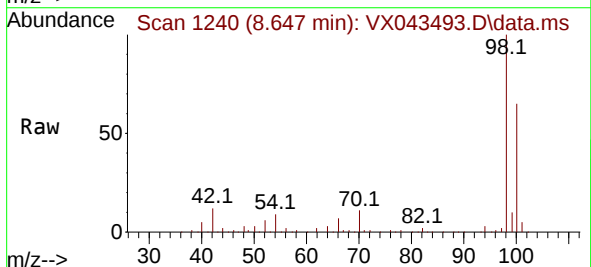


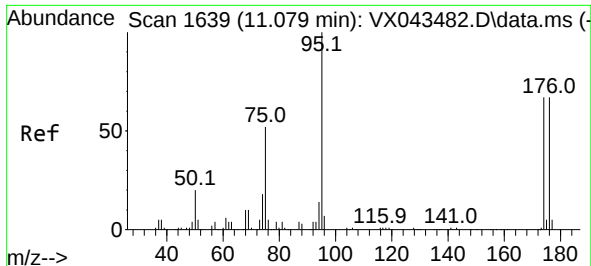
Tgt Ion:117 Resp: 9297
Ion Ratio Lower Upper
117 100
119 4.2 78.6 117.8#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 48.324 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 98 Resp: 172405
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3

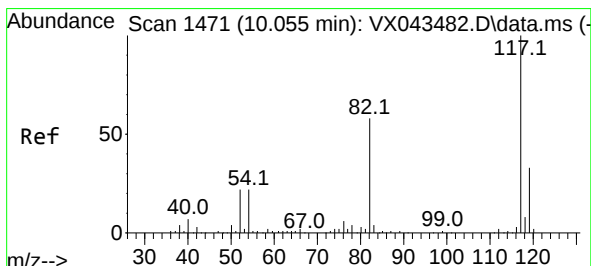
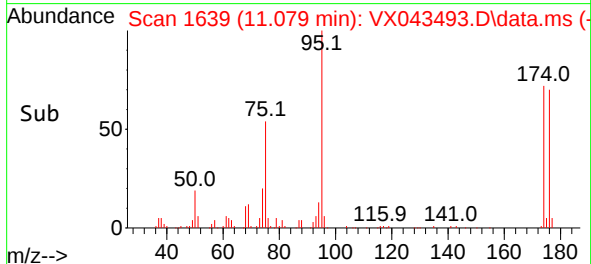
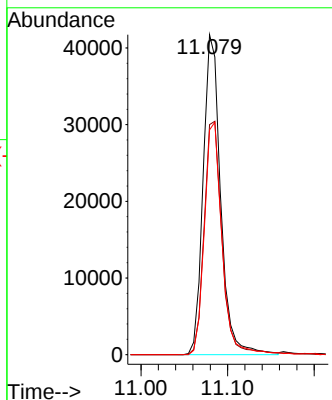
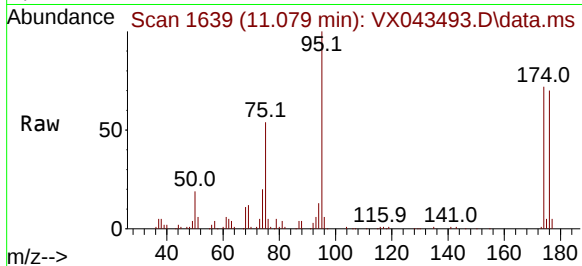




#62
4-Bromofluorobenzene
Concen: 43.013 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

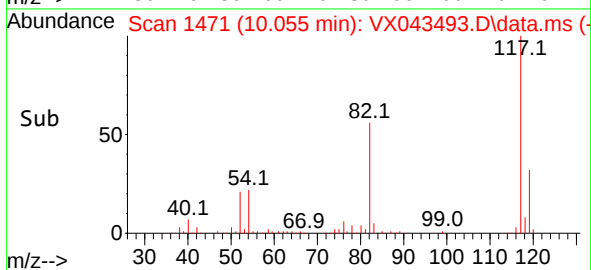
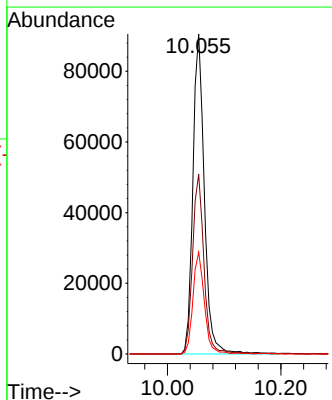
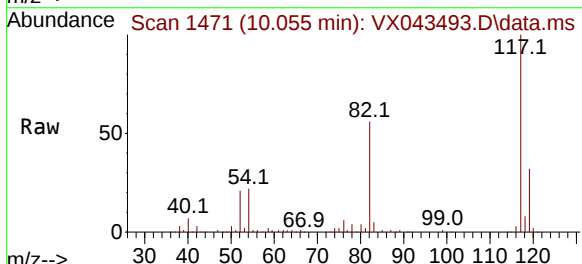
Instrument :
MSVOA_X
ClientSampleId :

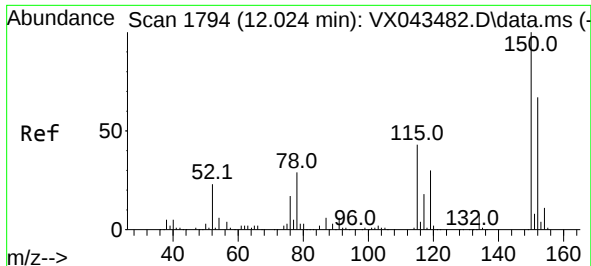
Tgt Ion: 95 Resp: 58608
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.6
176 73.3 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

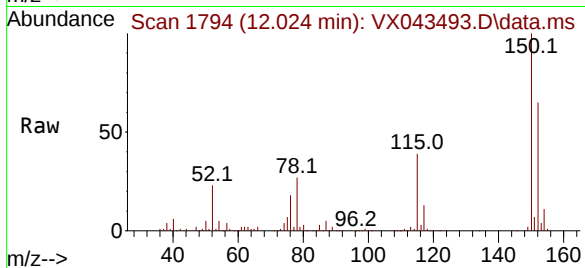
Tgt Ion: 117 Resp: 127450
Ion Ratio Lower Upper
117 100
82 56.1 46.0 69.0
119 31.8 26.2 39.2



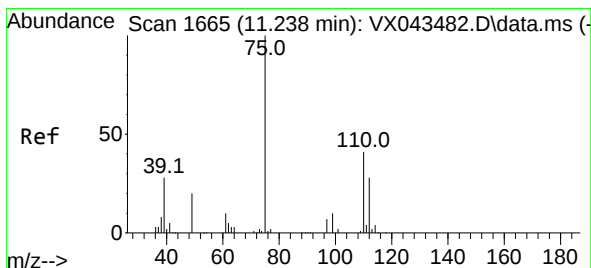
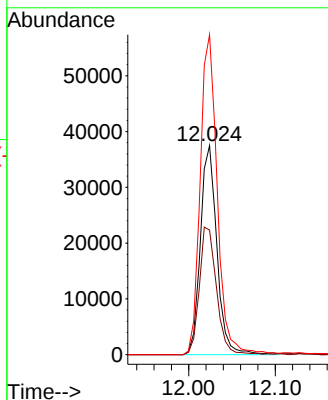
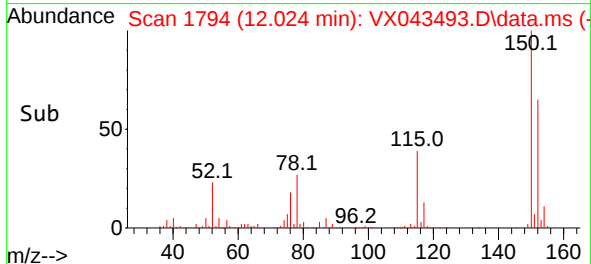


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :

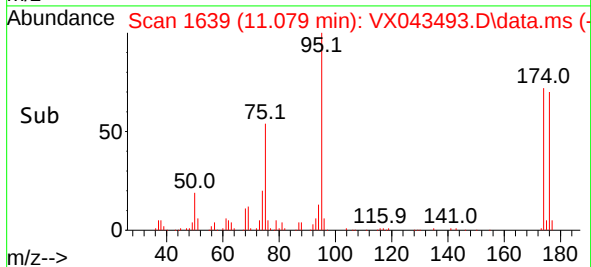
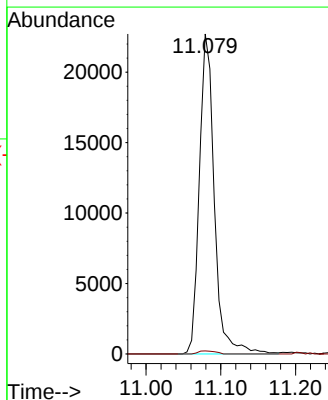
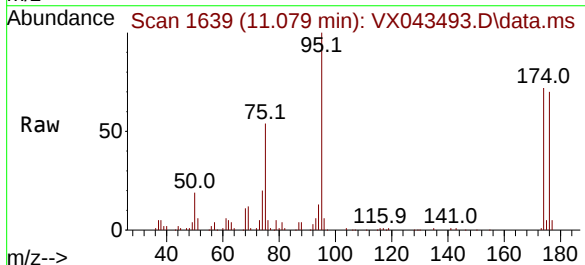


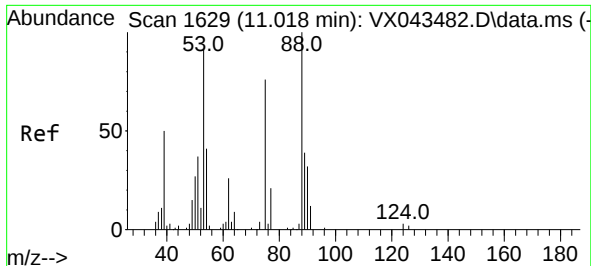
Tgt Ion:152 Resp: 49811
Ion Ratio Lower Upper
152 100
115 63.5 43.4 130.2
150 157.7 0.0 337.2



#76
1,2,3-Trichloropropane
Concen: 31.623 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion: 75 Resp: 31593
Ion Ratio Lower Upper
75 100
77 1.1 21.6 65.0#

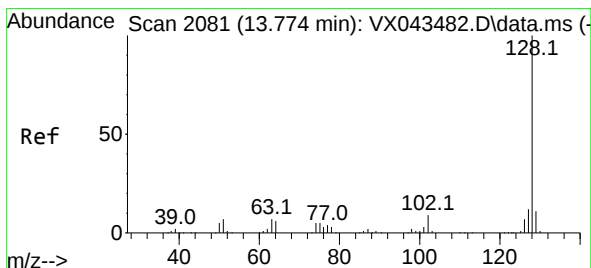
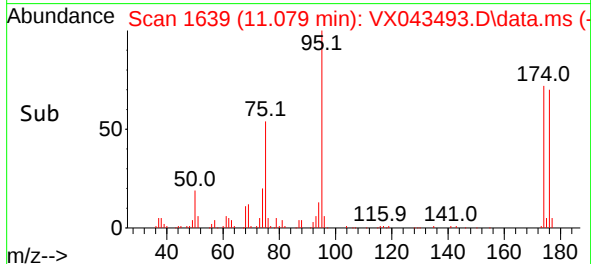
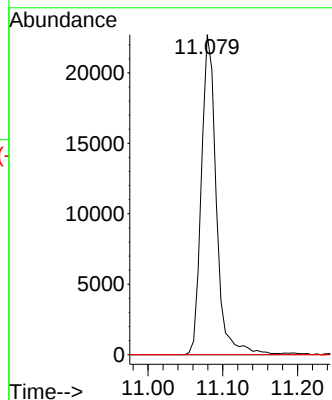
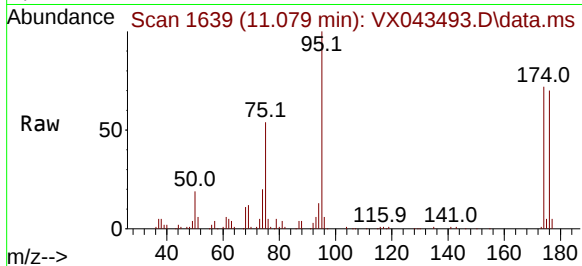




#81
trans-1,4-Dichloro-2-butene
Concen: 116.788 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31593
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 40.1 60.1#



#95
Naphthalene
Concen: 0.399 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX043493.D
Acq: 23 Oct 2024 17:22

Tgt Ion:128 Resp: 1218
Ion Ratio Lower Upper
128 100
127 6.2 9.8 14.6#
129 0.0 8.8 13.2#

