

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043598.D
 Acq On : 29 Oct 2024 15:38
 Operator : JC/MD
 Sample : P4578-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 30 01:33:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	288734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109236	43.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.600%
35) Dibromofluoromethane	5.379	113	90041	45.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.980%
50) Toluene-d8	8.647	98	340477	50.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	116872	46.536	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.080%

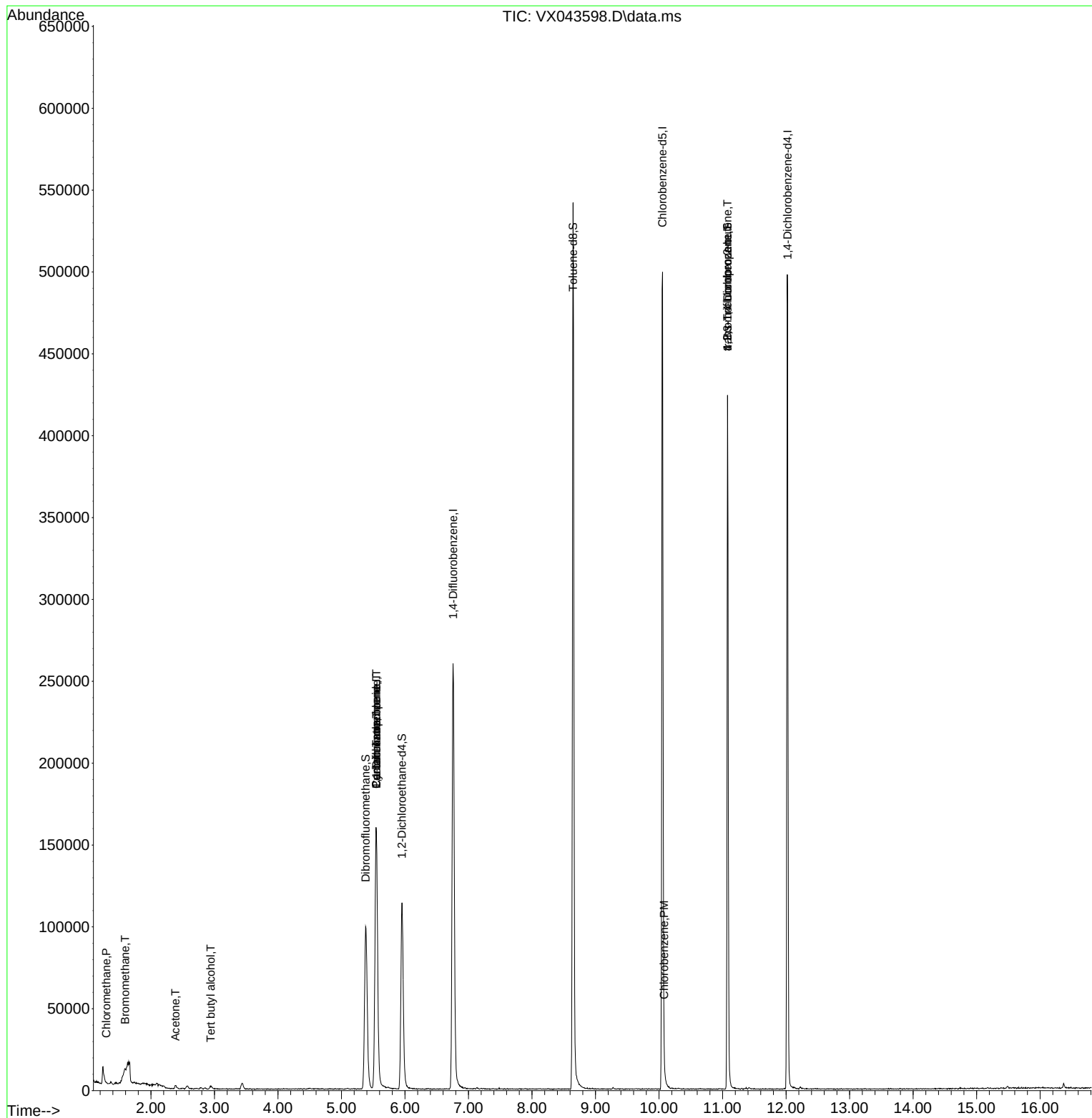
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	518	0.239	ug/l #	80
5) Bromomethane	1.593	94	241	0.295	ug/l #	2
11) Tert butyl alcohol	2.940	59	953	2.024	ug/l #	100
16) Acetone	2.386	43	2452	2.448	ug/l #	87
31) Cyclohexane	5.550	56	3205	1.203	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	12507	5.387	ug/l #	49
38) Carbon Tetrachloride	5.550	117	16293	6.352	ug/l #	17
65) Chlorobenzene	10.079	112	1120	0.209	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	58240	25.271	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	58240	69.521	ug/l #	7

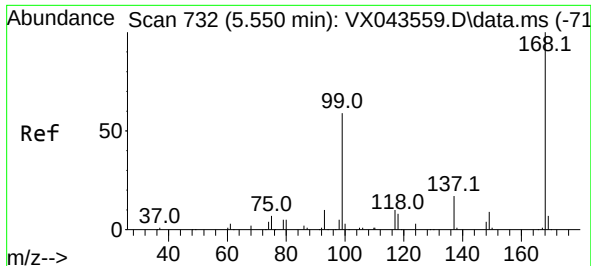
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
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Quant Time: Oct 30 01:33:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

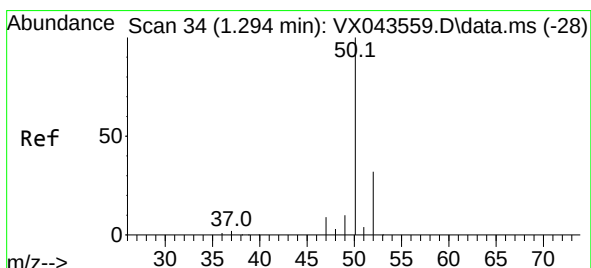
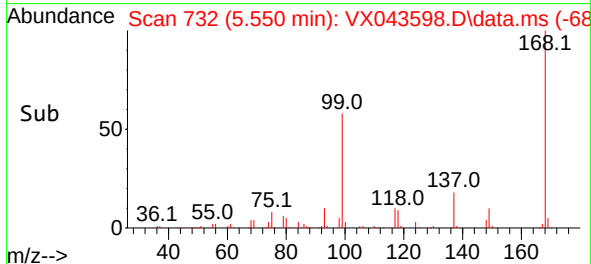
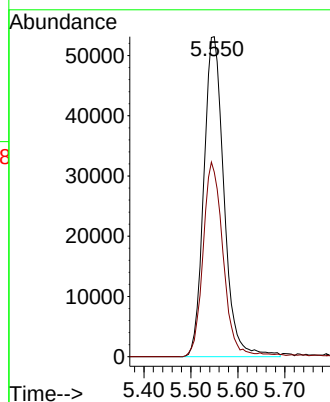
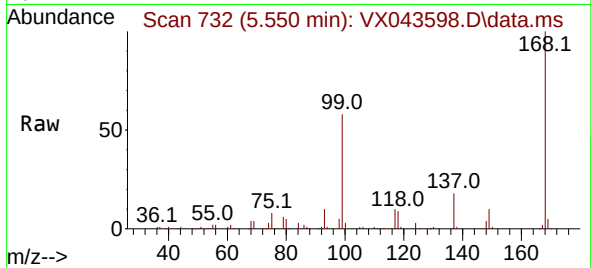




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

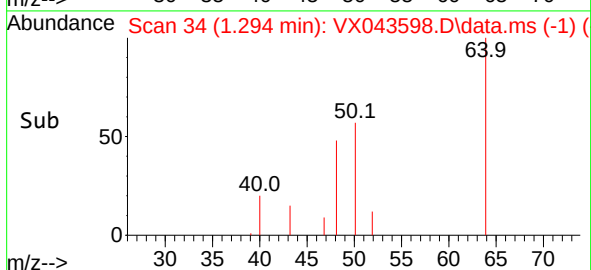
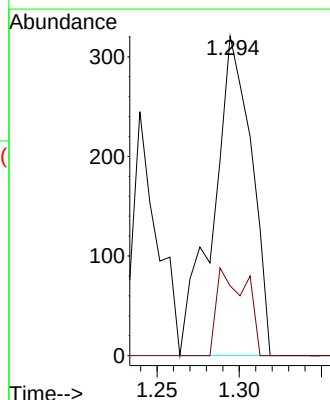
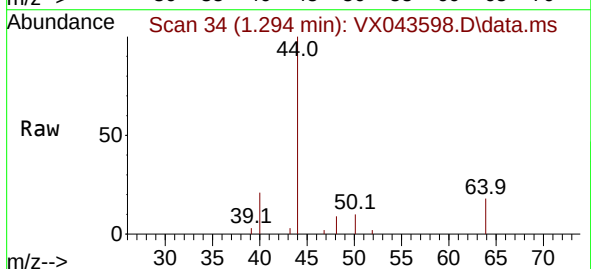
Instrument :
MSVOA_X
ClientSampleId :

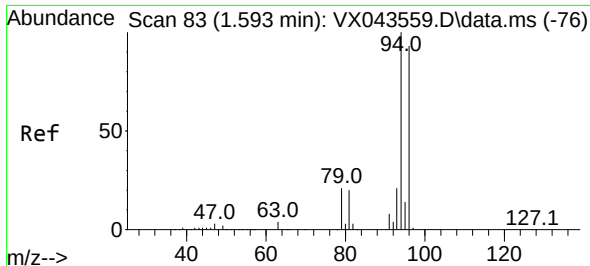
Tgt Ion:168 Resp: 158213
Ion Ratio Lower Upper
168 100
99 57.6 52.6 78.8



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Tgt Ion: 50 Resp: 518
Ion Ratio Lower Upper
50 100
52 21.8 26.3 39.5#

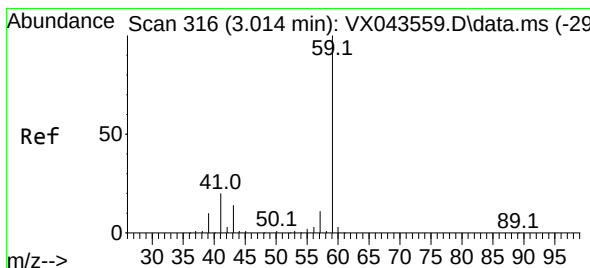
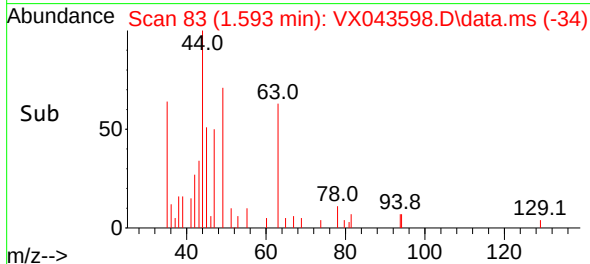
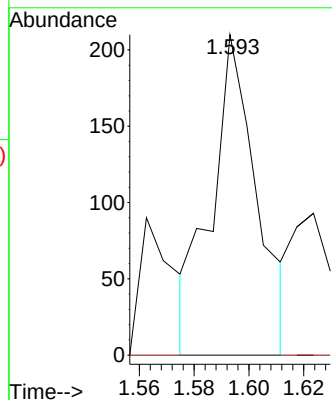
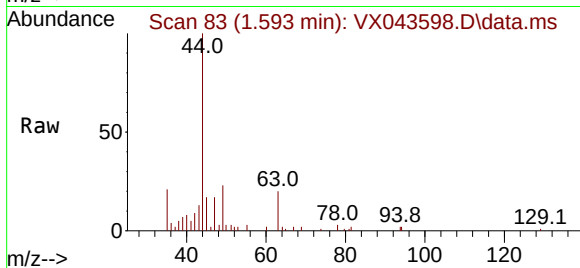




#5
Bromomethane
Concen: 0.295 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

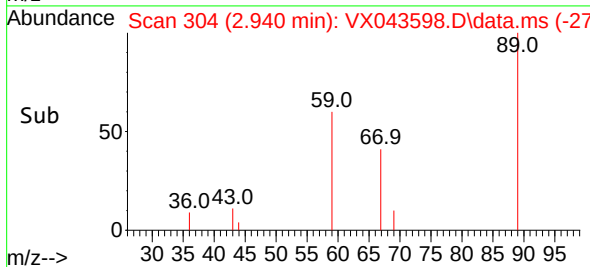
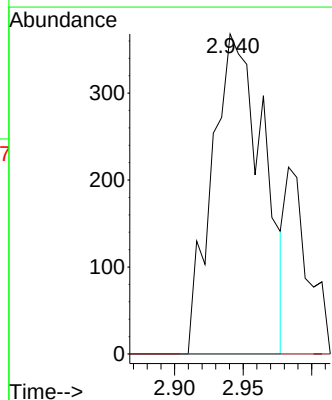
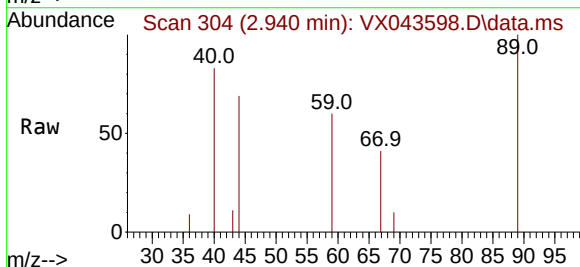
Instrument :
MSVOA_X
ClientSampleId :

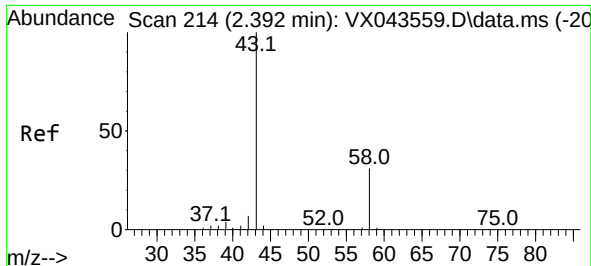
Tgt Ion: 94 Resp: 241
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#



#11
Tert butyl alcohol
Concen: 2.024 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.110 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

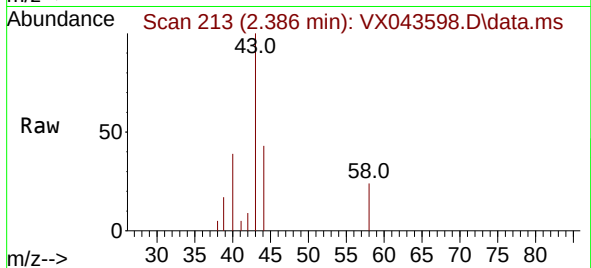
Tgt Ion: 59 Resp: 953
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



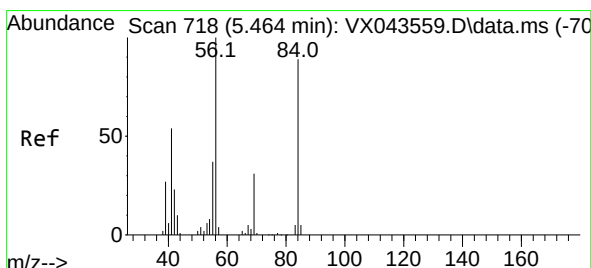
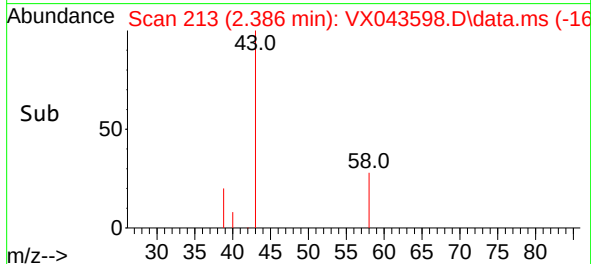
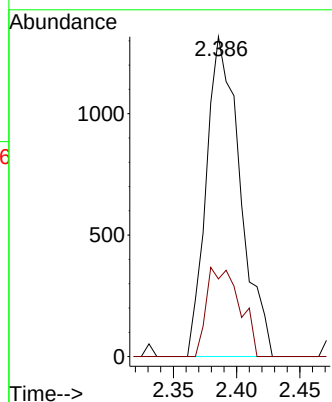


#16
Acetone
Concen: 2.448 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :

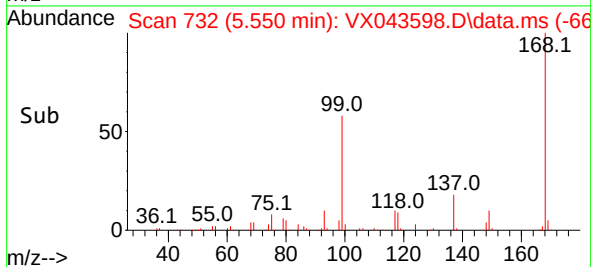
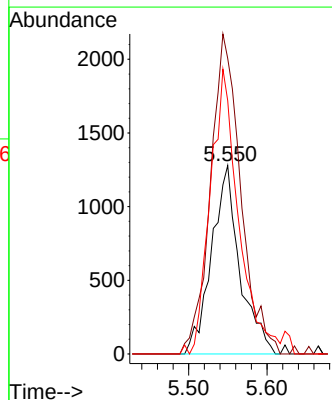
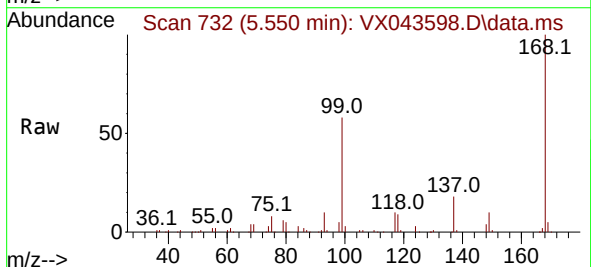


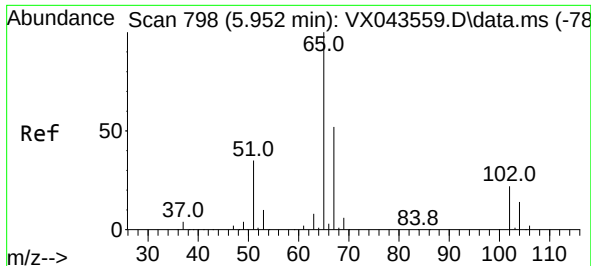
Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
58 24.3 25.1 37.7#



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Tgt Ion: 56 Resp: 3205
Ion Ratio Lower Upper
56 100
69 156.8 24.9 37.3#
84 134.4 73.3 109.9#

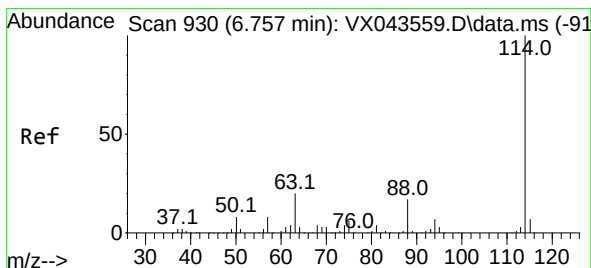
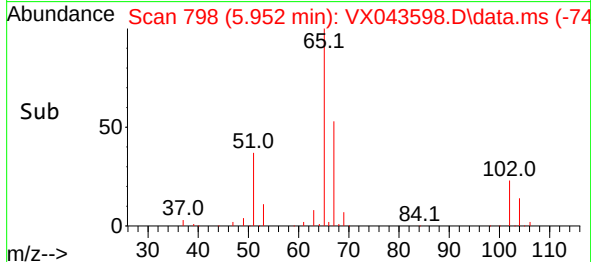
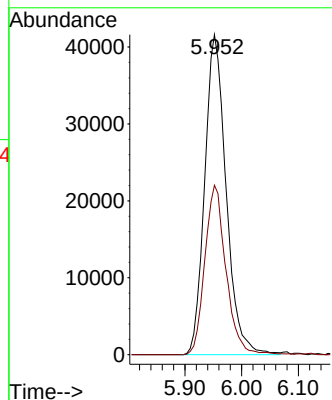
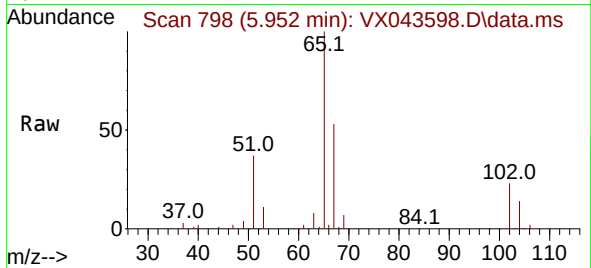




#33
 1,2-Dichloroethane-d4
 Concen: 43.300 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043598.D
 Acq: 29 Oct 2024 15:38

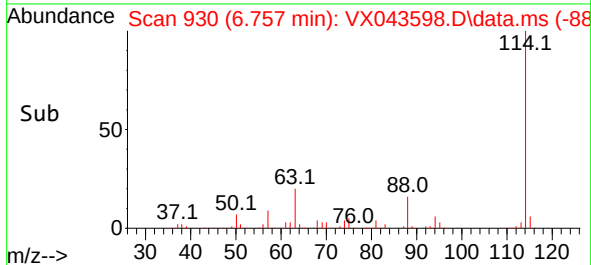
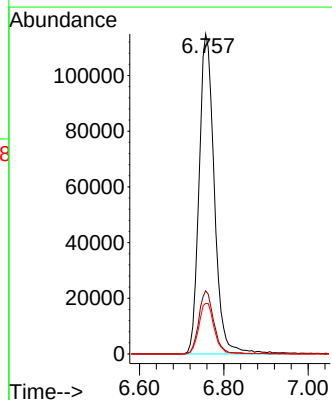
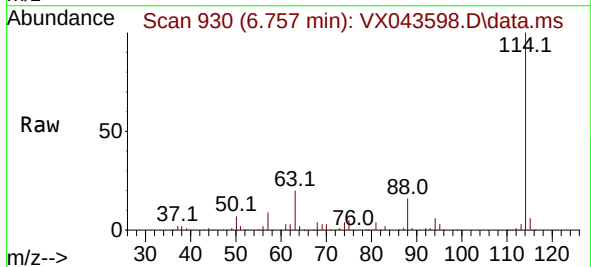
Instrument :
 MSVOA_X
 ClientSampleId :

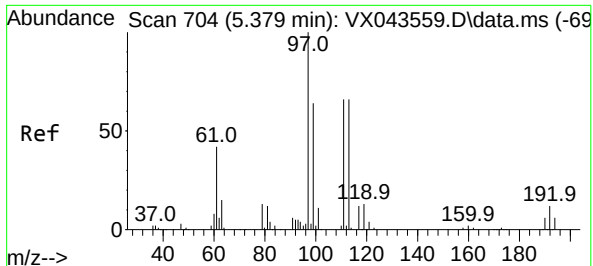
Tgt Ion: 65 Resp: 109236
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043598.D
 Acq: 29 Oct 2024 15:38

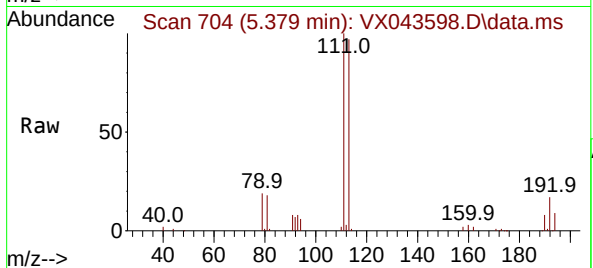
Tgt Ion: 114 Resp: 288734
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.2
 88 15.8 0.0 34.0



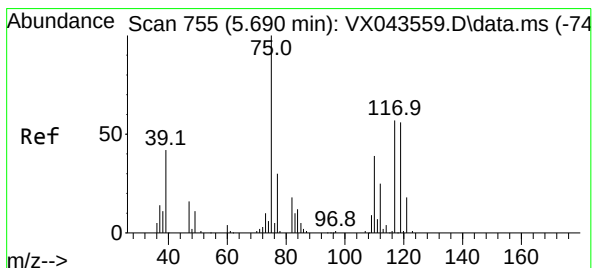
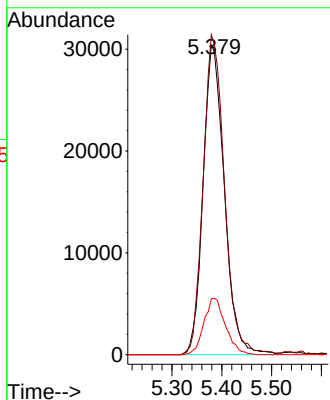
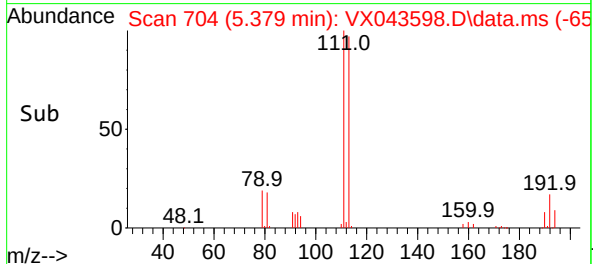


#35
Dibromofluoromethane
Concen: 45.989 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :

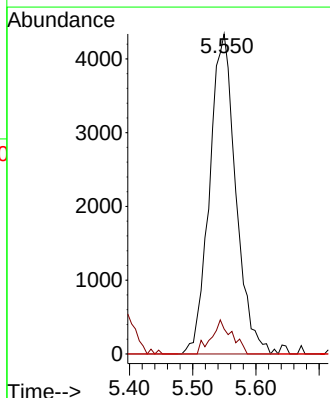
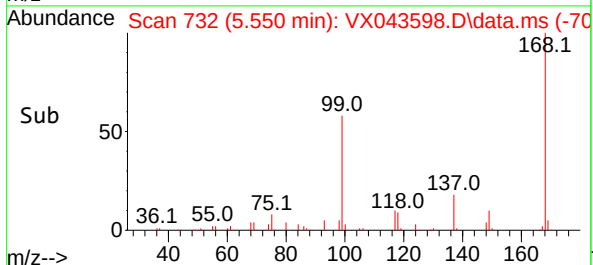
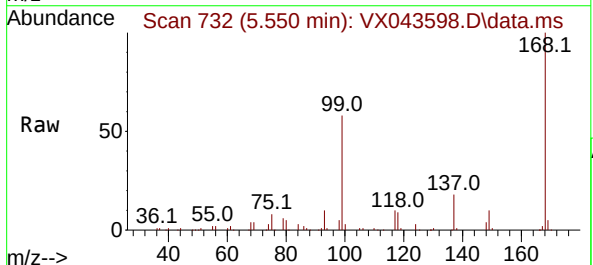


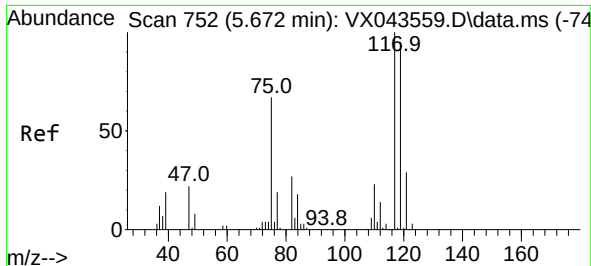
Tgt Ion:113 Resp: 90041
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.387 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

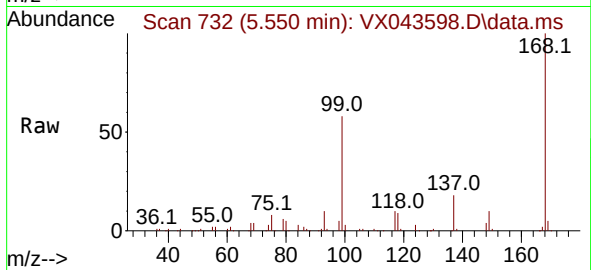
Tgt Ion: 75 Resp: 12507
Ion Ratio Lower Upper
75 100
110 8.3 17.9 53.7#
77 0.0 25.0 37.4#



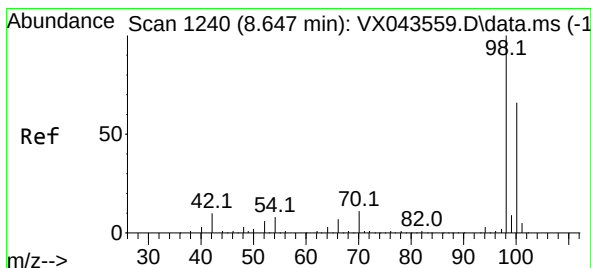
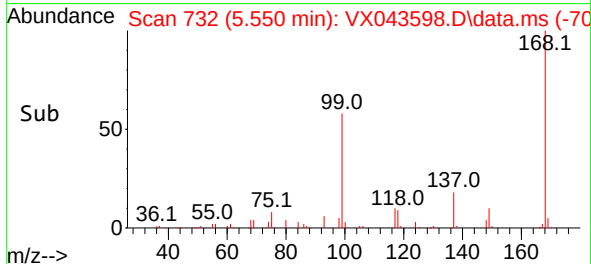
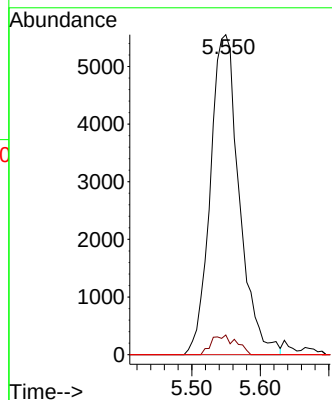


#38
Carbon Tetrachloride
Concen: 6.352 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Instrument :
MSVOA_X
ClientSampleId :

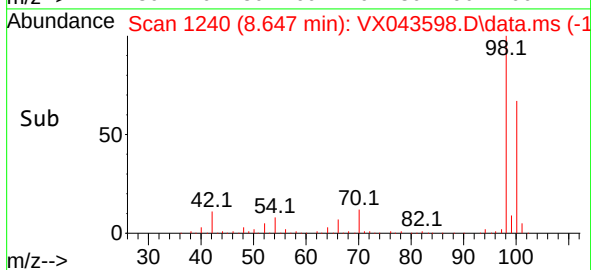
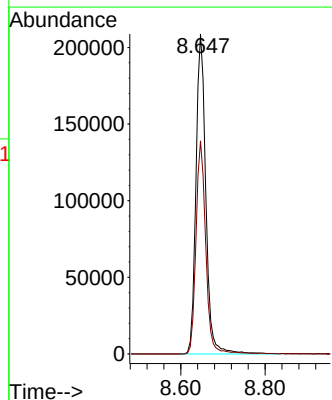
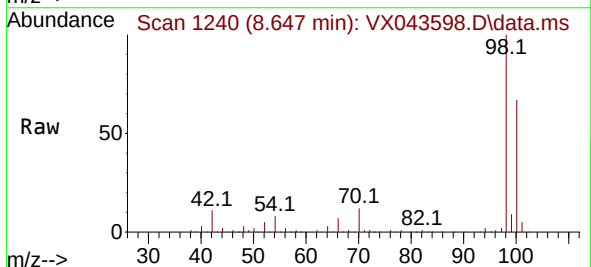


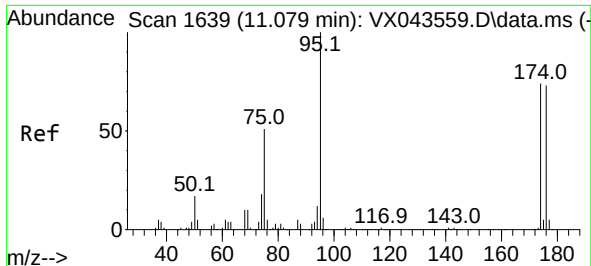
Tgt Ion:117 Resp: 16293
Ion Ratio Lower Upper
117 100
119 6.2 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.236 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Tgt Ion: 98 Resp: 340477
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.2

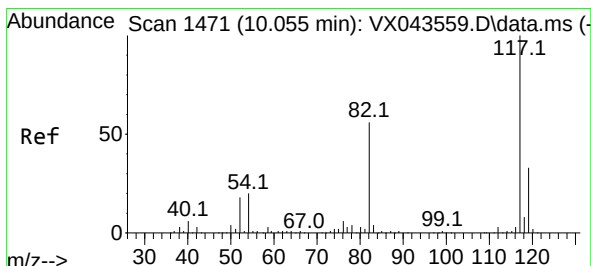
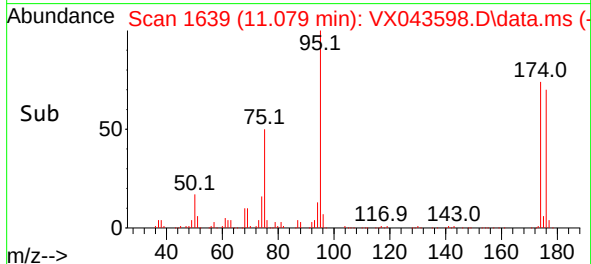
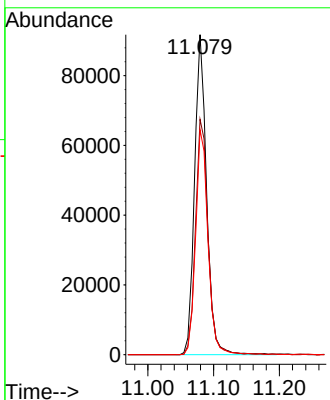
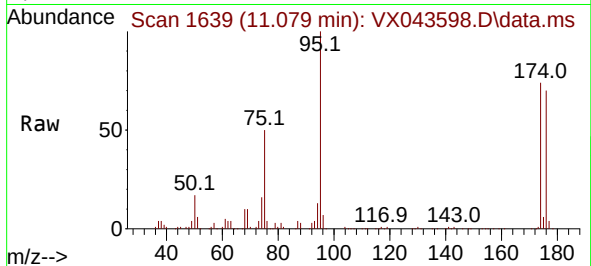




#62
4-Bromofluorobenzene
Concen: 46.536 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

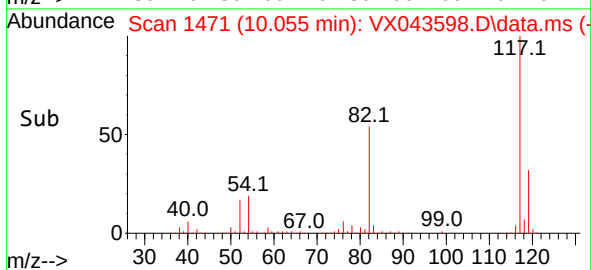
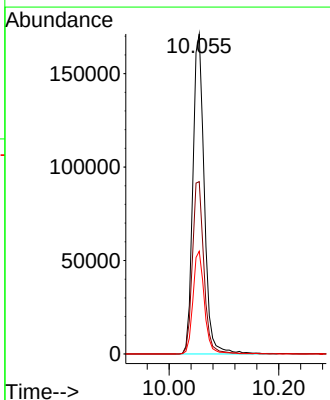
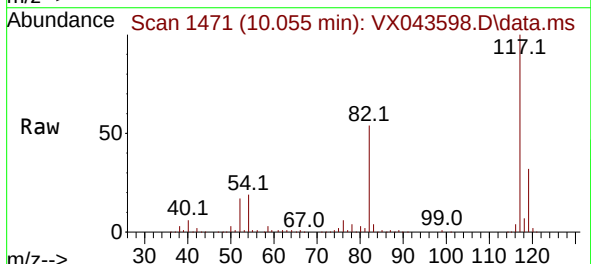
Instrument :
MSVOA_X
ClientSampleId :

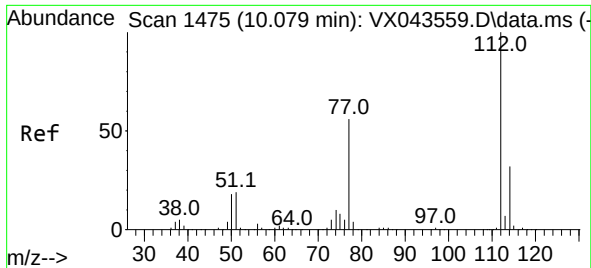
Tgt Ion: 95 Resp: 116872
Ion Ratio Lower Upper
95 100
174 76.9 0.0 146.6
176 72.3 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Tgt Ion: 117 Resp: 248859
Ion Ratio Lower Upper
117 100
82 53.9 42.1 63.1
119 32.1 25.4 38.2

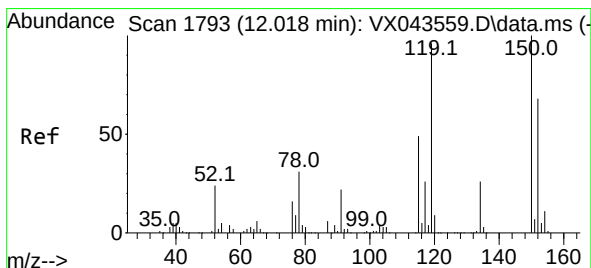
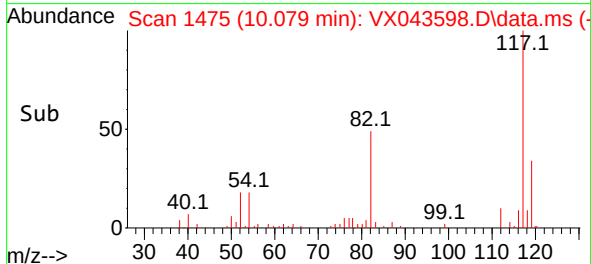
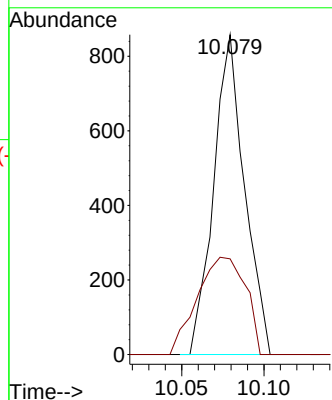
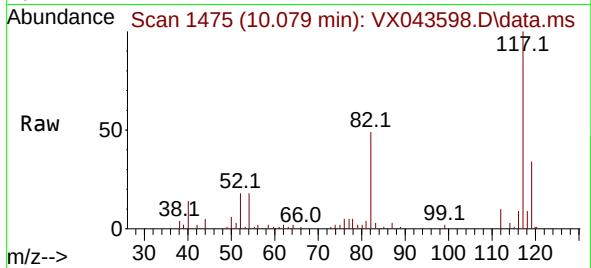




#65
Chlorobenzene
Concen: 0.209 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

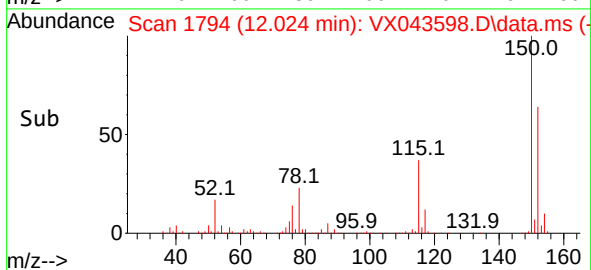
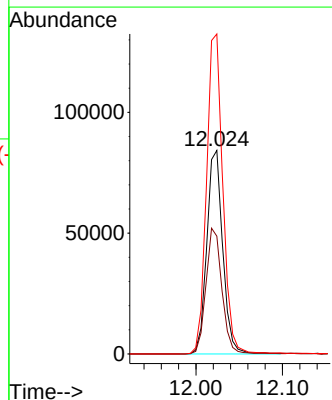
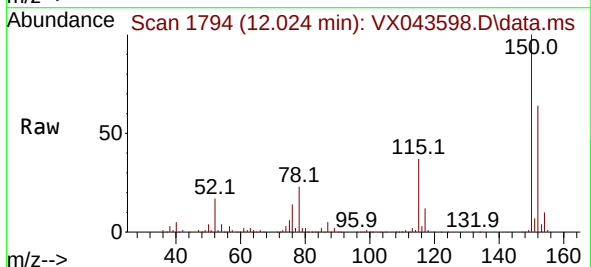
Instrument :
MSVOA_X
ClientSampleId :

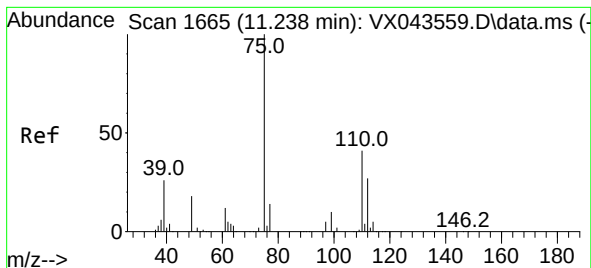
Tgt Ion:112 Resp: 1120
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043598.D
Acq: 29 Oct 2024 15:38

Tgt Ion:152 Resp: 107787
Ion Ratio Lower Upper
152 100
115 62.0 42.9 128.7
150 160.6 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 25.271 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043598.D

Acq: 29 Oct 2024 15:38

Instrument :

MSVOA_X

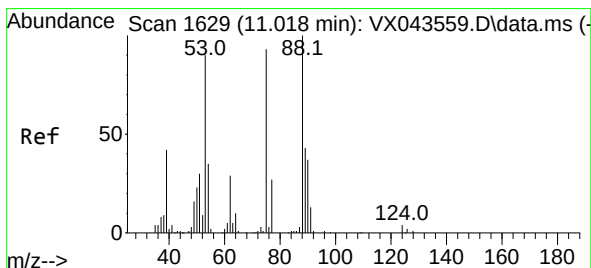
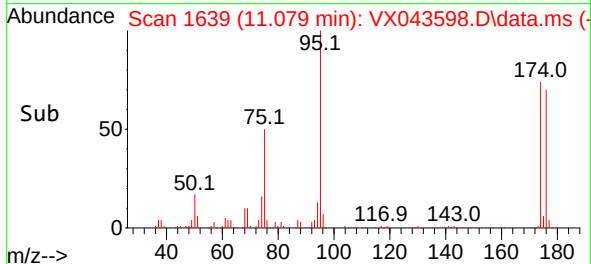
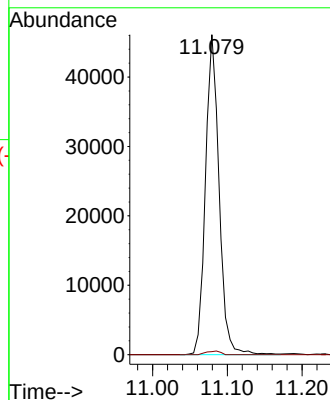
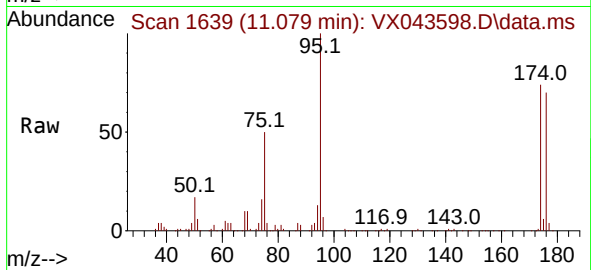
ClientSampleId :

Tgt Ion: 75 Resp: 58240

Ion Ratio Lower Upper

75 100

77 1.2 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.521 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043598.D

Acq: 29 Oct 2024 15:38

Tgt Ion: 75 Resp: 58240

Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.0 38.6 58.0#

