

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
 Data File : VX043648.D
 Acq On : 31 Oct 2024 14:03
 Operator : JC/MD
 Sample : P4646-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 01 00:53:15 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	100945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	187057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72782	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67910	42.191	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.380%
35) Dibromofluoromethane	5.385	113	57787	45.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	8.647	98	216071	49.210	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	11.079	95	77017	47.336	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.680%

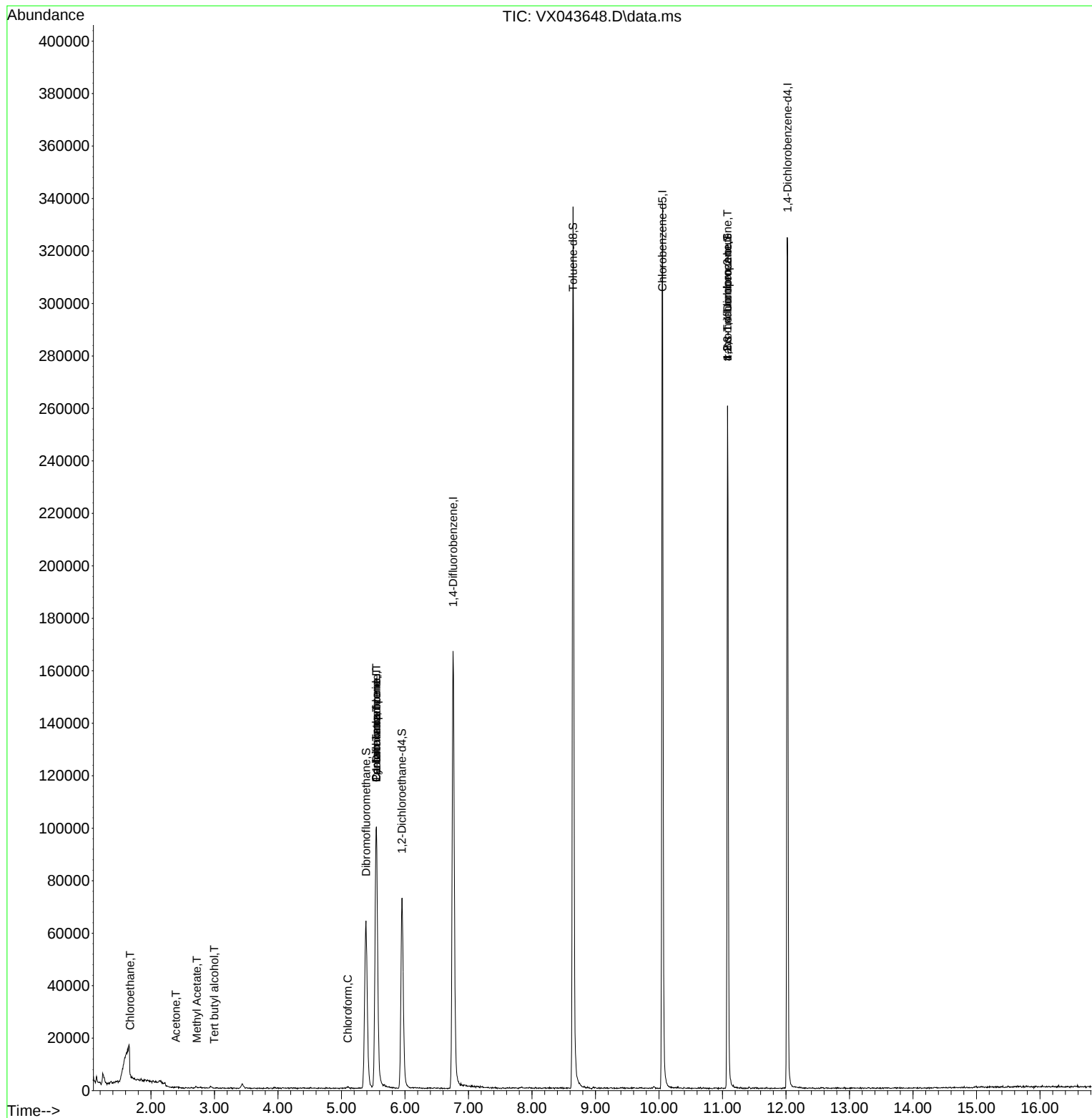
Target Compounds					Qvalue	
6) Chloroethane	1.673	64	130	0.288	ug/l #	43
11) Tert butyl alcohol	2.995	59	145	0.483	ug/l #	100
16) Acetone	2.392	43	475	0.743	ug/l #	43
18) Methyl Acetate	2.721	43	886	0.474	ug/l #	61
30) Chloroform	5.099	83	591	0.254	ug/l #	82
31) Cyclohexane	5.550	56	1864	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7347	4.885	ug/l #	48
38) Carbon Tetrachloride	5.550	117	10369	6.239	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	36943	23.740	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36943	65.308	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103124\
Data File : VX043648.D
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Sample : P4646-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

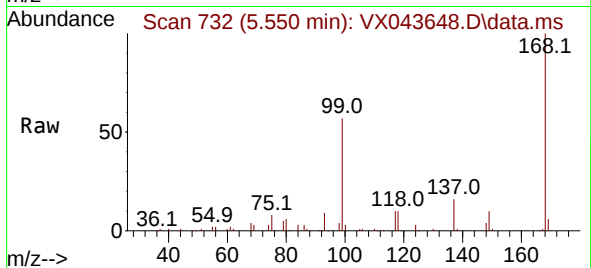
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration



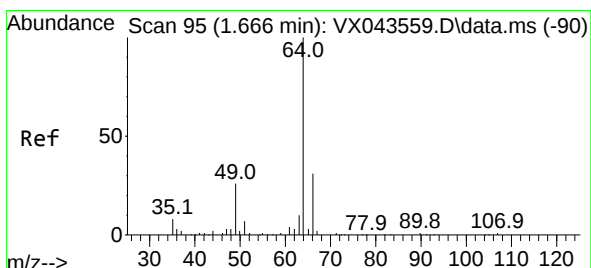
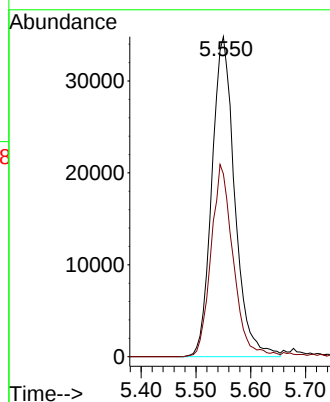
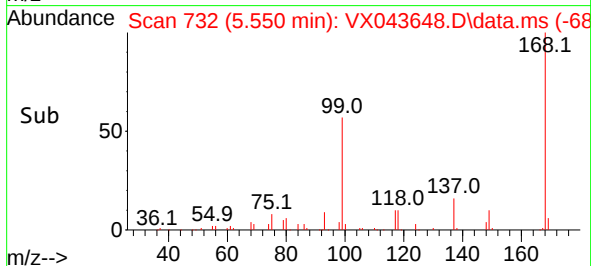


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :

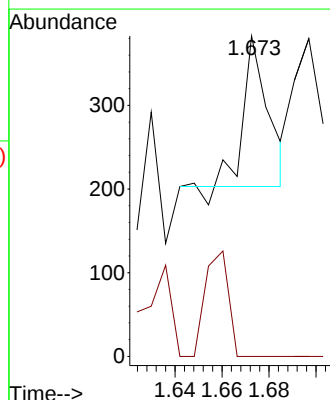
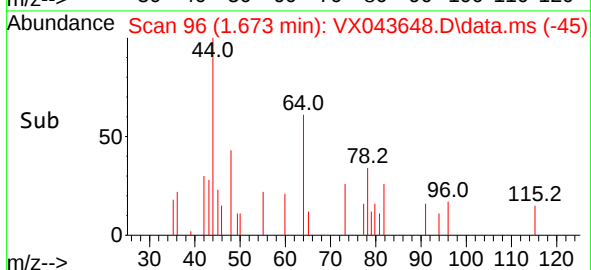
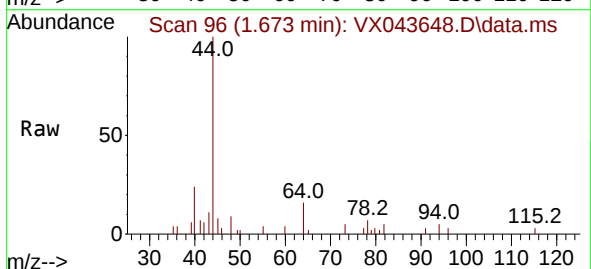


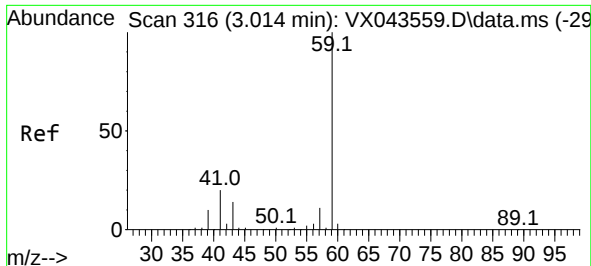
Tgt Ion:168 Resp: 100945
Ion Ratio Lower Upper
168 100
99 57.1 52.6 78.8



#6
Chloroethane
Concen: 0.288 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

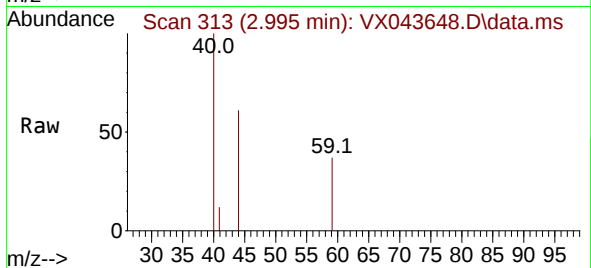
Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



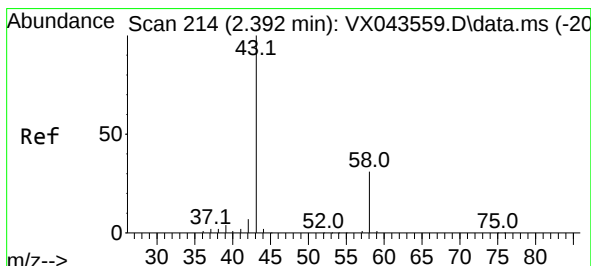
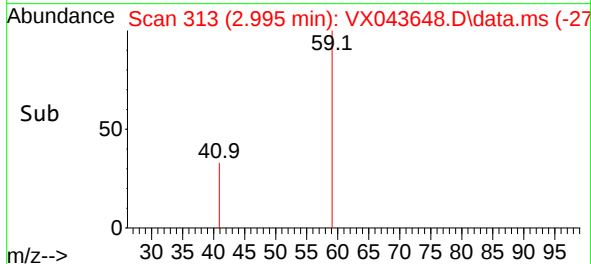
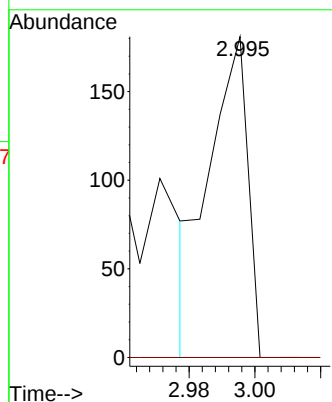


#11
Tert butyl alcohol
Concen: 0.483 ug/l
RT: 2.995 min Scan# 316
Delta R.T. -0.055 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :

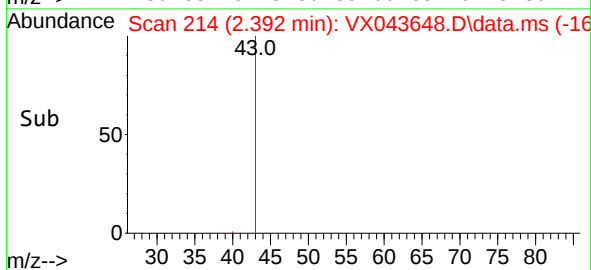
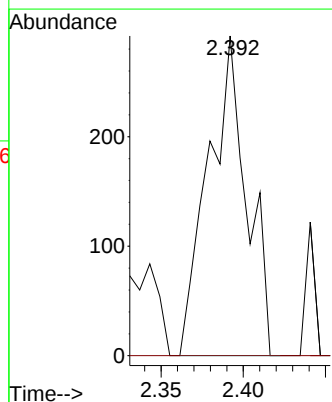
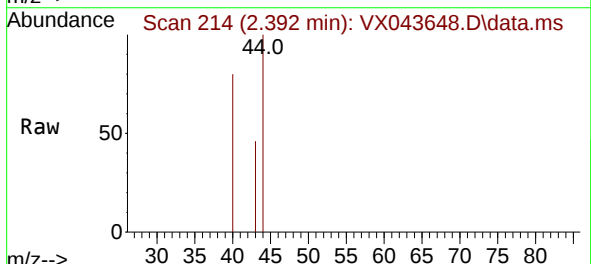


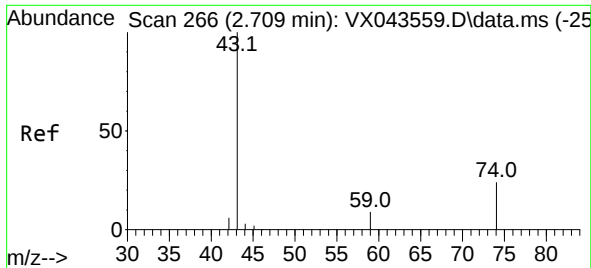
Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 0.743 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#

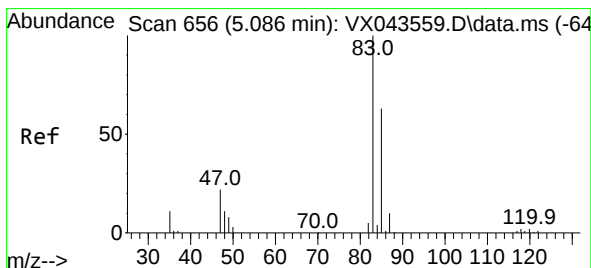
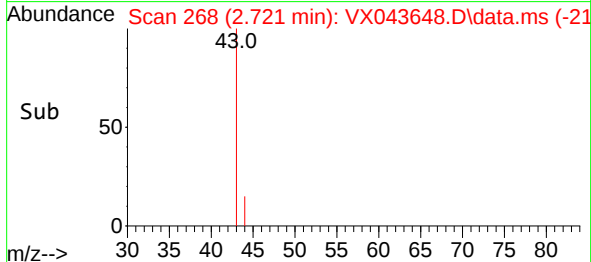
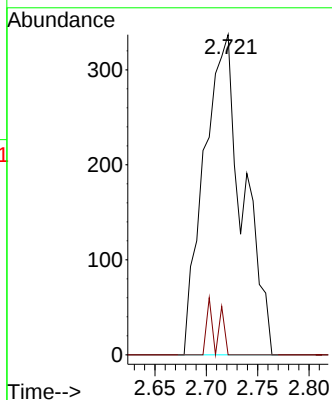
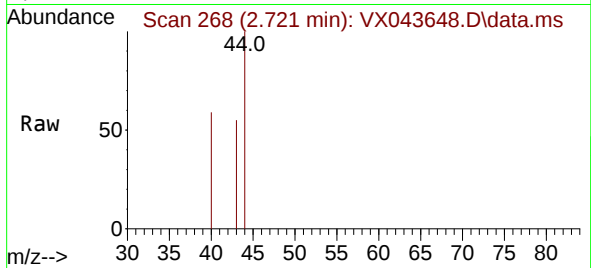




#18
Methyl Acetate
Concen: 0.474 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

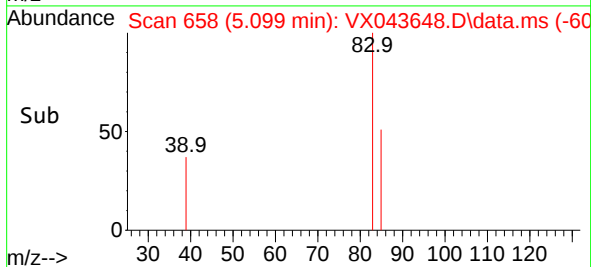
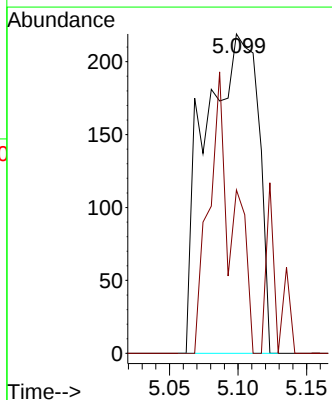
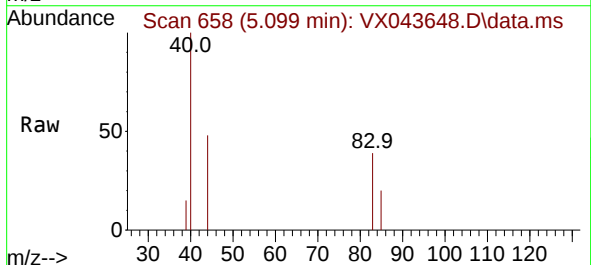
Instrument :
MSVOA_X
ClientSampleId :

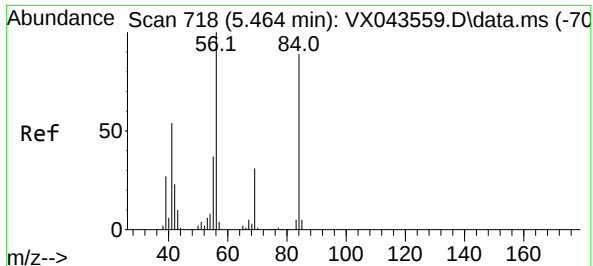
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
74 4.6 19.1 28.7#



#30
Chloroform
Concen: 0.254 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

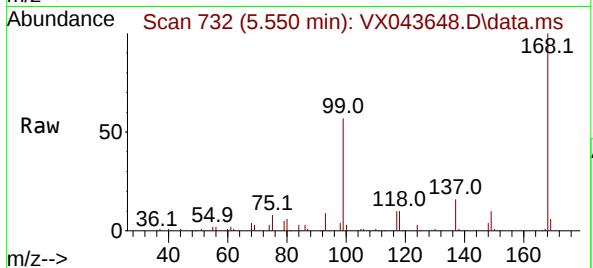
Tgt Ion: 83 Resp: 591
Ion Ratio Lower Upper
83 100
85 51.1 52.2 78.4#



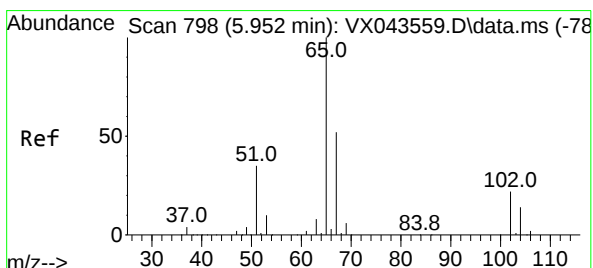
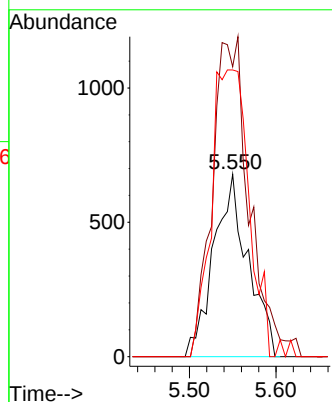
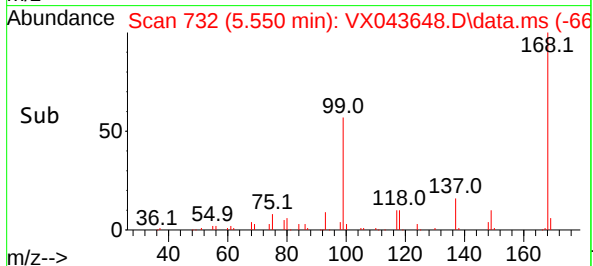


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Instrument :
MSVOA_X
ClientSampleId :

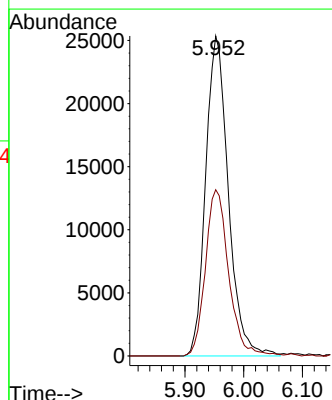
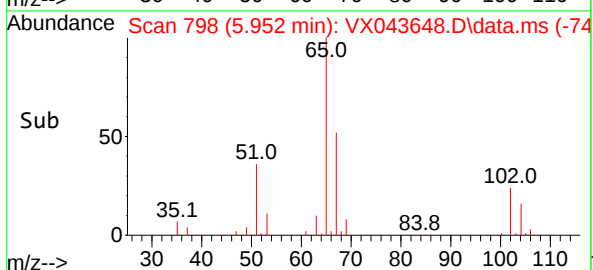
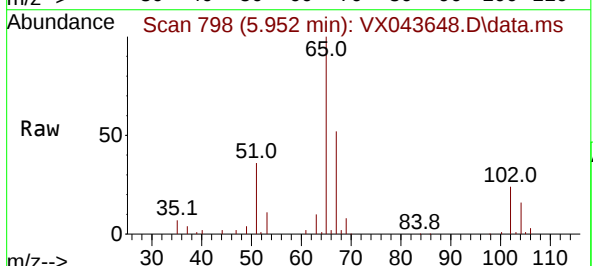


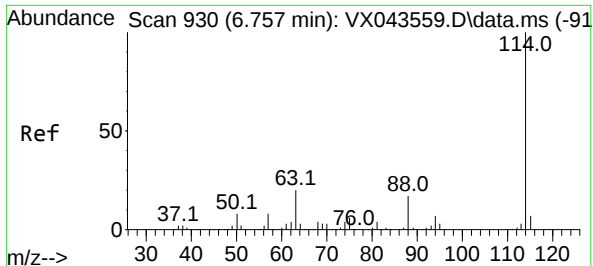
Tgt Ion: 56 Resp: 1864
Ion Ratio Lower Upper
56 100
69 158.9 24.9 37.3#
84 157.1 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 42.191 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Tgt Ion: 65 Resp: 67910
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4

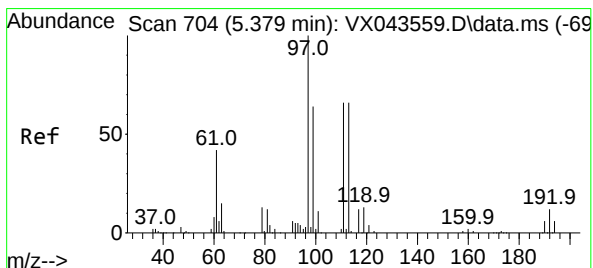
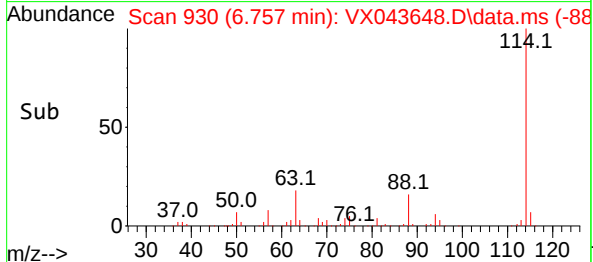
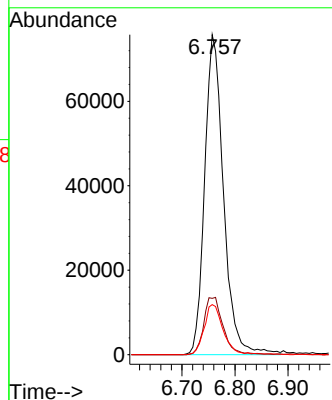
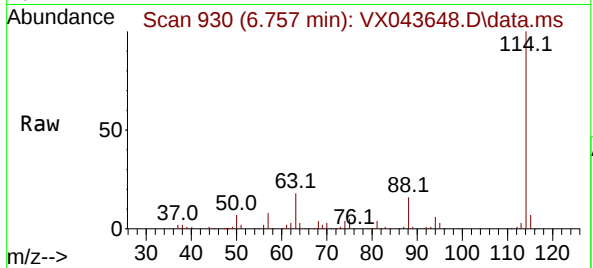




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

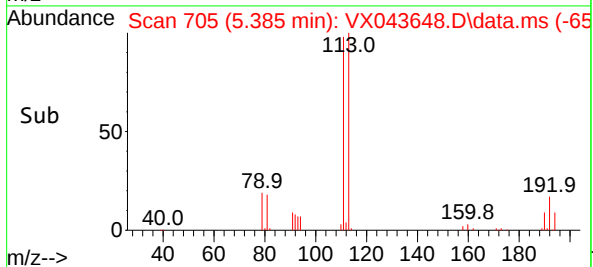
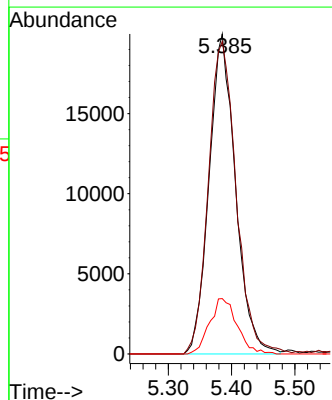
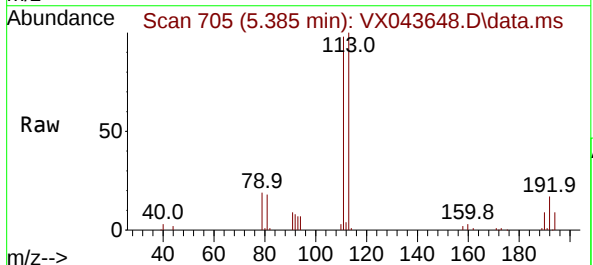
Instrument :
MSVOA_X
ClientSampleId :

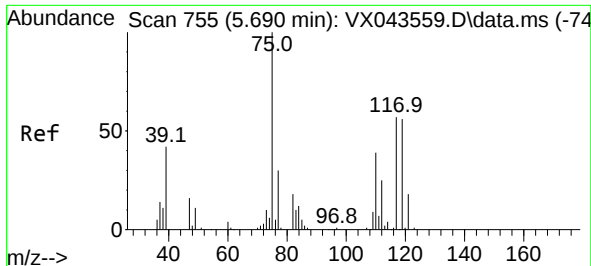
Tgt Ion:114 Resp: 187057
Ion Ratio Lower Upper
114 100
63 17.6 0.0 41.2
88 15.6 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.558 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Tgt Ion:113 Resp: 57787
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.0 14.1 21.1

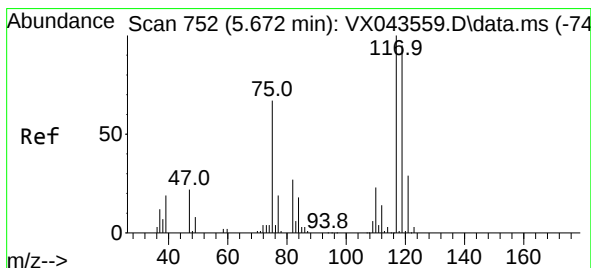
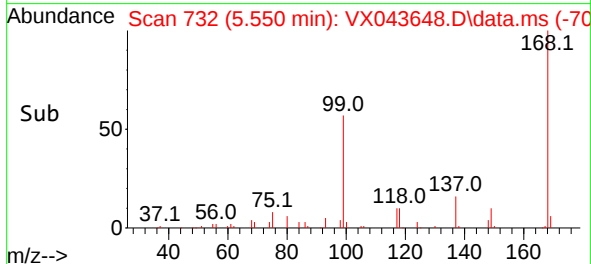
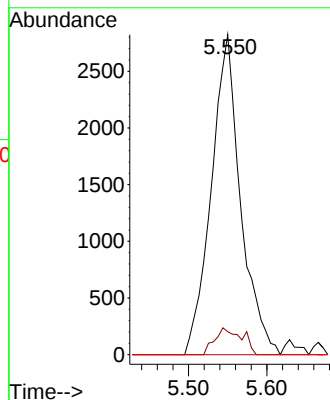
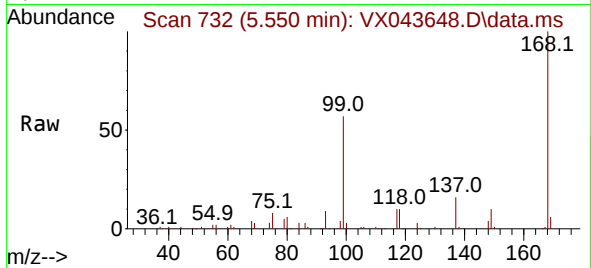




#36
1,1-Dichloropropene
Concen: 4.885 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

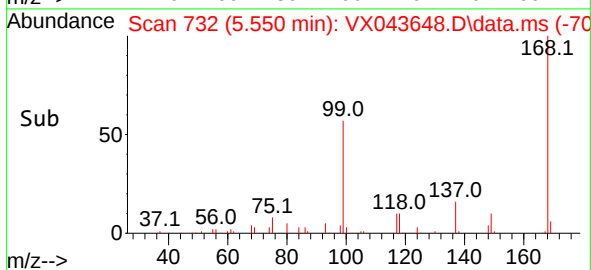
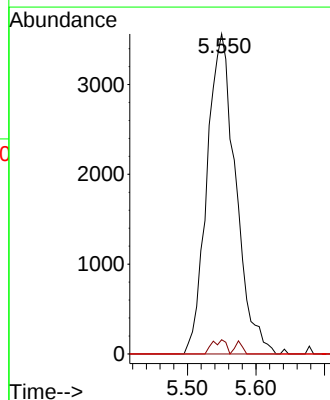
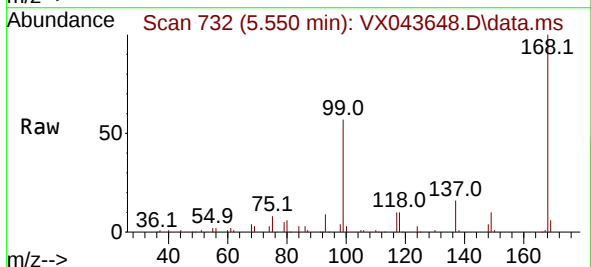
Instrument :
MSVOA_X
ClientSampleId :

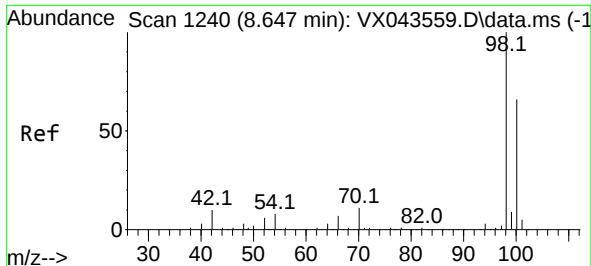
Tgt Ion: 75 Resp: 7347
Ion Ratio Lower Upper
75 100
110 7.8 17.9 53.7#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.239 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Tgt Ion: 117 Resp: 10369
Ion Ratio Lower Upper
117 100
119 4.4 77.0 115.6#
121 0.0 24.7 37.1#

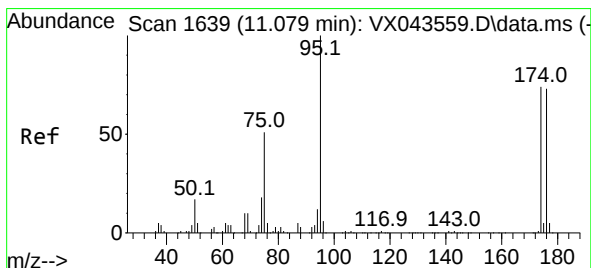
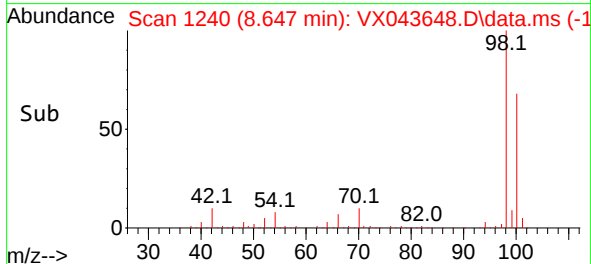
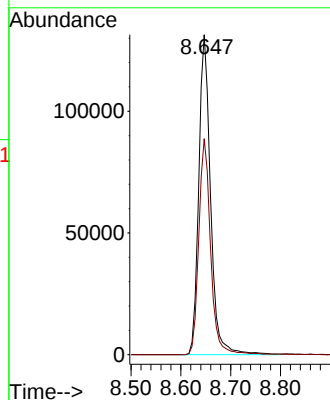
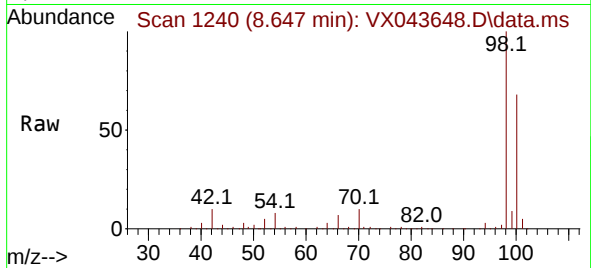




#50
Toluene-d8
Concen: 49.210 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

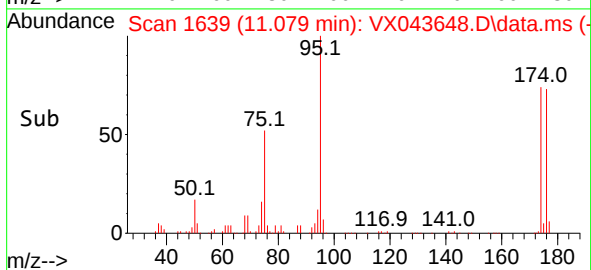
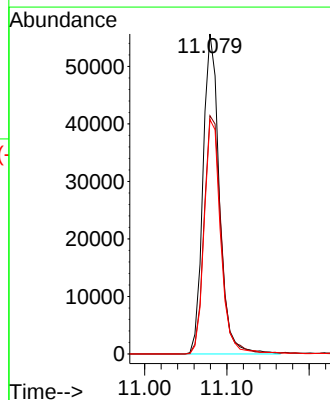
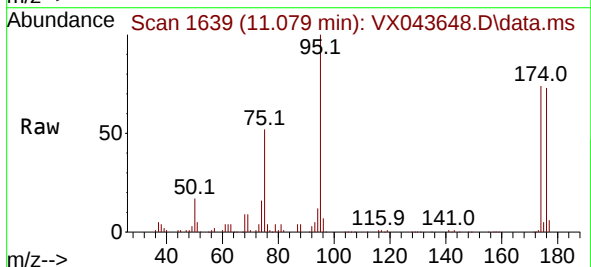
Instrument :
MSVOA_X
ClientSampleId :

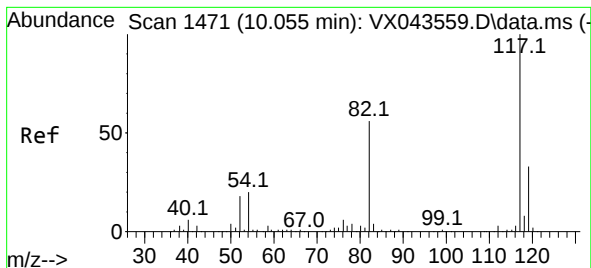
Tgt Ion: 98 Resp: 216071
Ion Ratio Lower Upper
98 100
100 67.6 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 47.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043648.D
Acq: 31 Oct 2024 14:03

Tgt Ion: 95 Resp: 77017
Ion Ratio Lower Upper
95 100
174 77.9 0.0 146.6
176 74.1 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: VX043648.D

Acq: 31 Oct 2024 14:03

Instrument :

MSVOA_X

ClientSampleId :

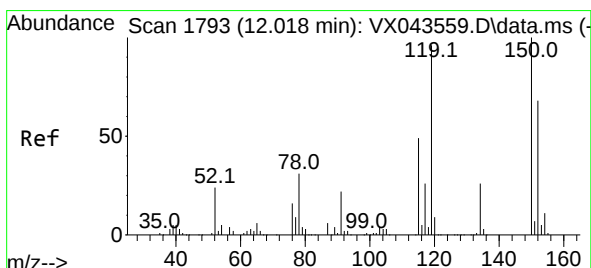
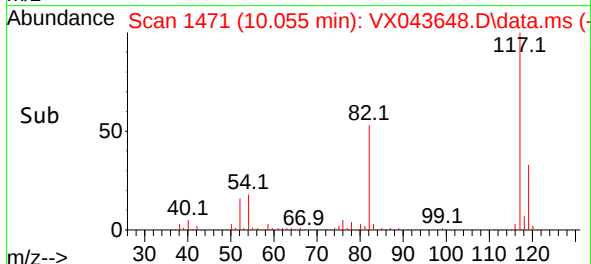
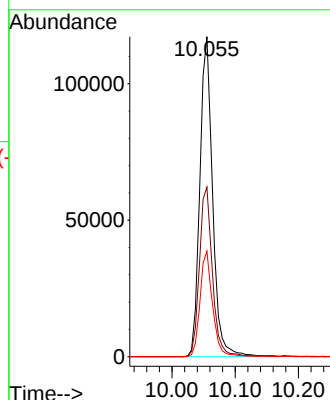
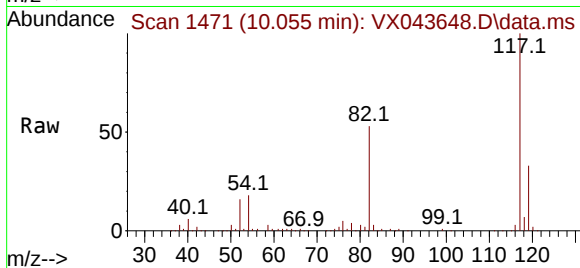
Tgt Ion:117 Resp: 165157

Ion Ratio Lower Upper

117 100

82 53.0 42.1 63.1

119 33.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043648.D

Acq: 31 Oct 2024 14:03

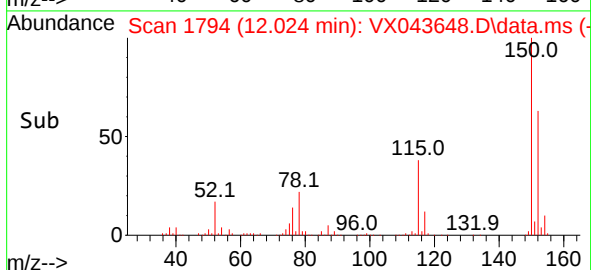
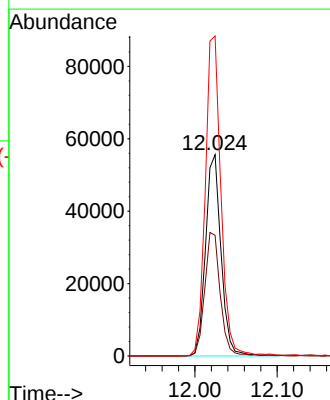
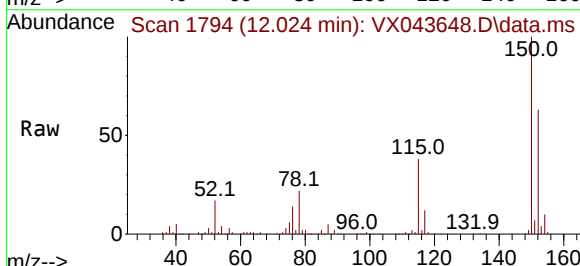
Tgt Ion:152 Resp: 72782

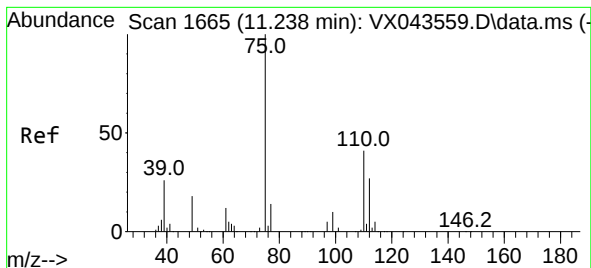
Ion Ratio Lower Upper

152 100

115 61.6 42.9 128.7

150 160.4 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 23.740 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043648.D

Acq: 31 Oct 2024 14:03

Instrument :

MSVOA_X

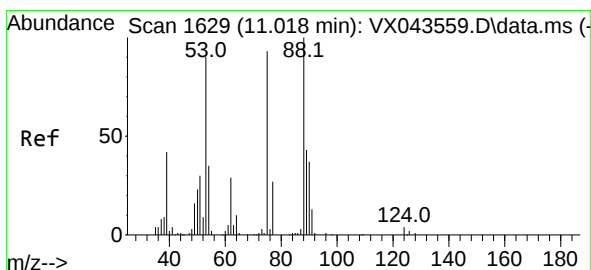
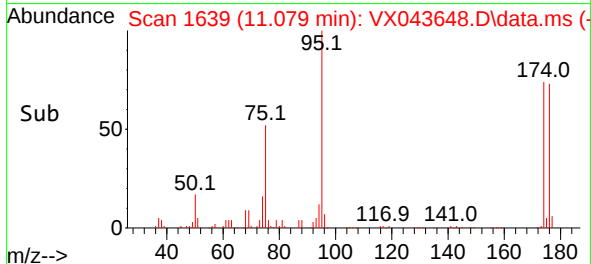
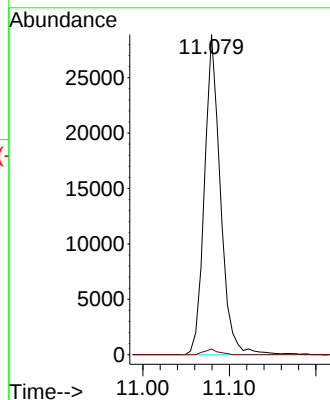
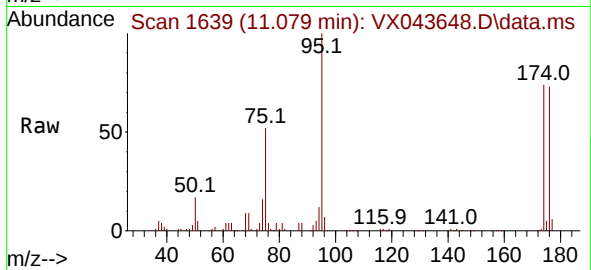
ClientSampleId :

Tgt Ion: 75 Resp: 36943

Ion Ratio Lower Upper

75 100

77 1.6 22.4 67.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.308 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043648.D

Acq: 31 Oct 2024 14:03

Tgt Ion: 75 Resp: 36943

Ion Ratio Lower Upper

75 100

53 0.0 84.6 126.8#

89 0.1 38.6 58.0#

