

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024167.D
 Acq On : 10 Sep 2021 15:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 04:24:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

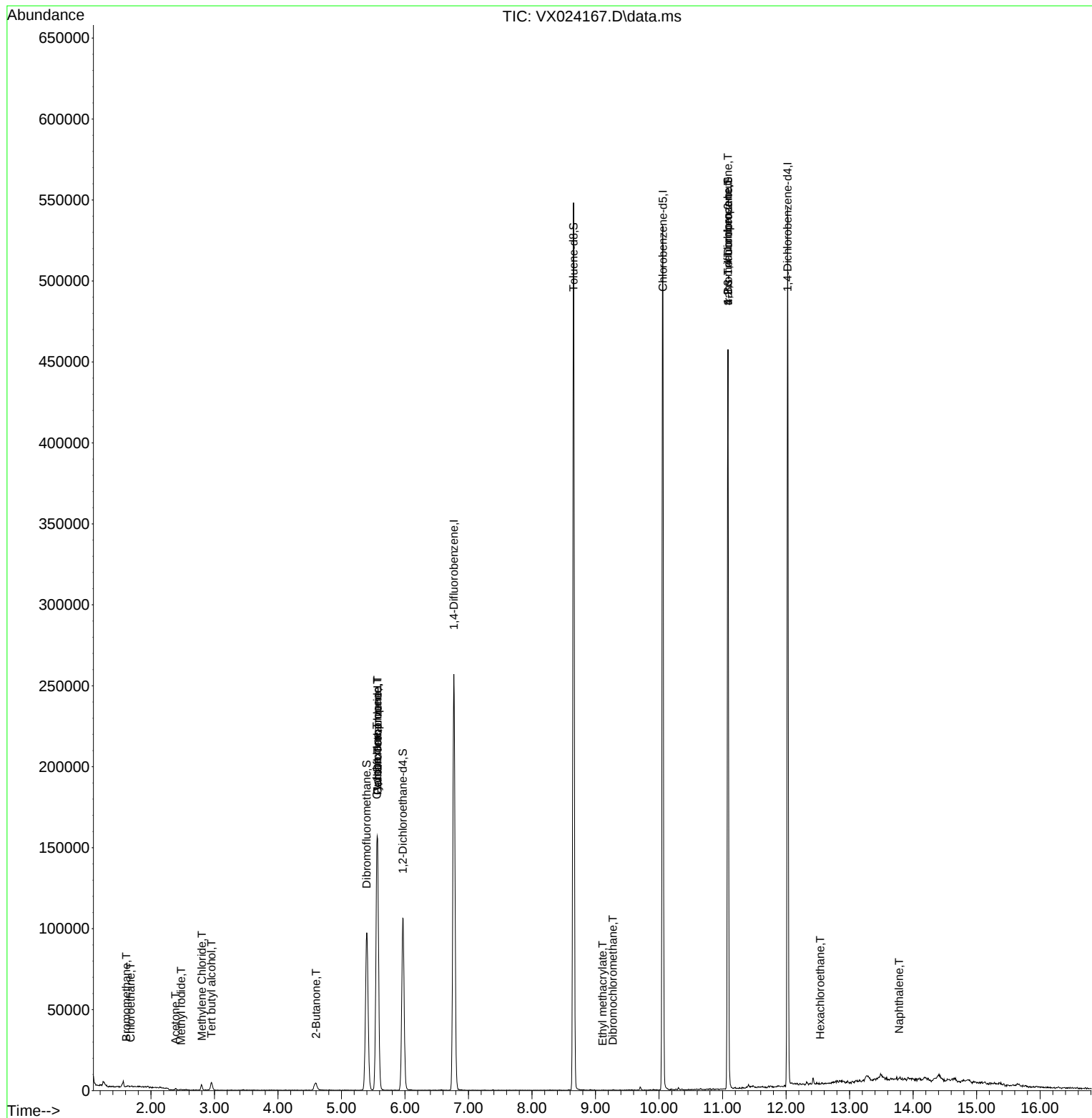
Internal Standards						
1) Pentafluorobenzene	5.568	168	150264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257436	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	245611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106931	50.987	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.980%
35) Dibromofluoromethane	5.397	113	84475	49.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.160%
50) Toluene-d8	8.653	98	312967	48.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.085	95	118742	49.738	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.480%
Target Compounds						Qvalue
5) Bromomethane	1.611	94	512	0.480	ug/l	92
6) Chloroethane	1.678	64	246	2.383	ug/l #	43
10) Methyl Iodide	2.477	142	488	0.232	ug/l #	80
11) Tert butyl alcohol	2.953	59	3016	7.111	ug/l #	73
16) Acetone	2.386	43	1039	1.108	ug/l #	73
20) Methylene Chloride	2.800	84	1461	0.816	ug/l	93
25) 2-Butanone	4.599	43	377	0.265	ug/l #	45
31) Cyclohexane	5.556	56	3235	1.201	ug/l #	14
36) 1,1-Dichloropropene	5.562	75	11977	5.024	ug/l #	50
38) Carbon Tetrachloride	5.568	117	15695	6.313	ug/l #	17
56) Ethyl methacrylate	9.110	69	39	0.771	ug/l #	79
60) Dibromochloromethane	9.275	129	48	1.710	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	63882	25.509	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63882	75.037	ug/l #	12
90) Hexachloroethane	12.536	117	87	1.537	ug/l #	9
95) Naphthalene	13.780	128	287	1.318	ug/l #	14

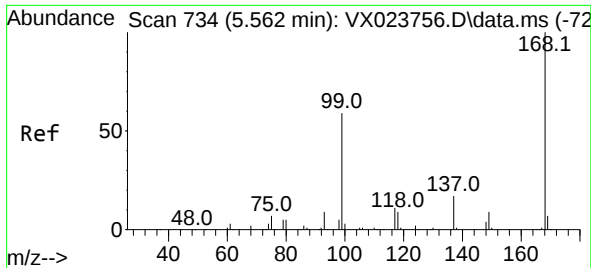
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Sep 11 04:24:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
Quant Title : SW846 8260
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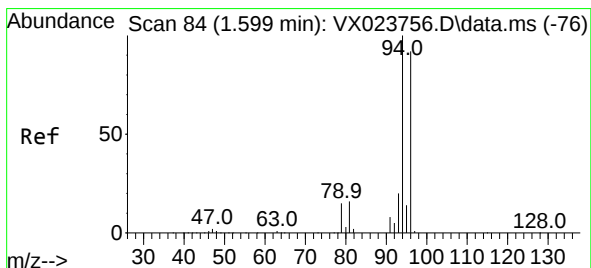
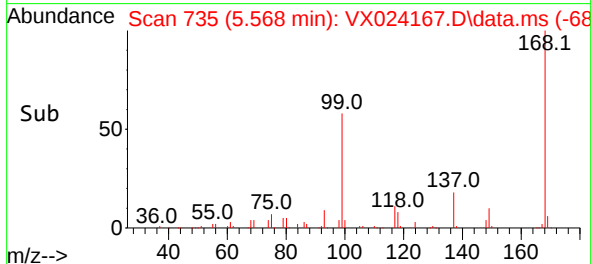
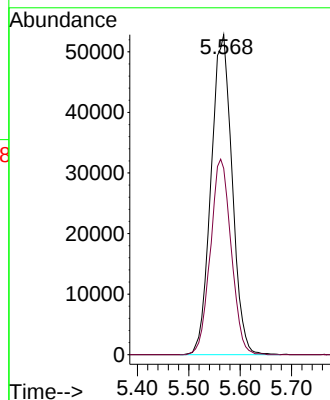
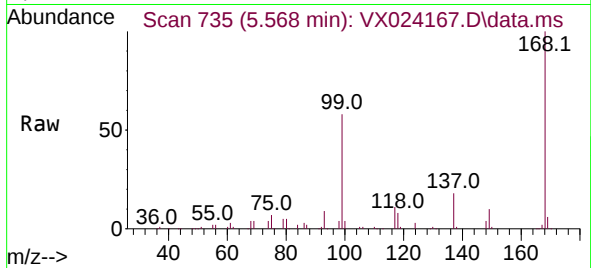




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

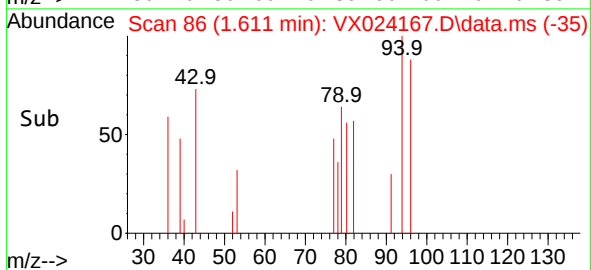
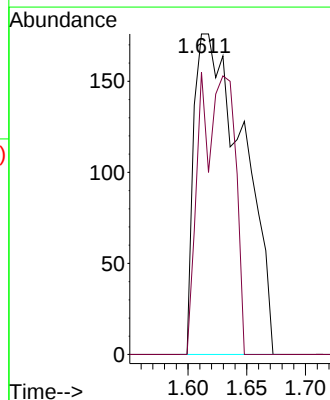
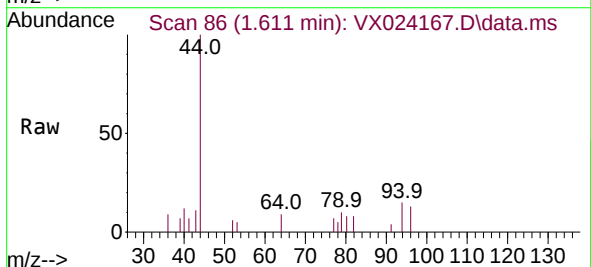
Instrument :
MSVOA_X
ClientSampled :

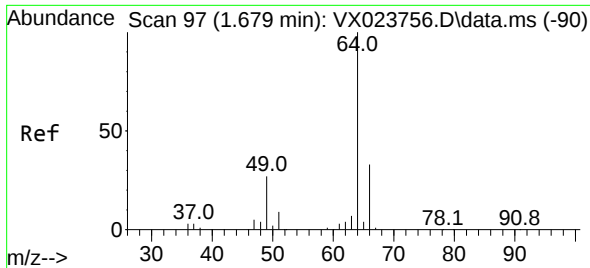
Tgt Ion:168 Resp: 150264
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.480 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion: 94 Resp: 512
Ion Ratio Lower Upper
94 100
96 88.1 76.4 114.6

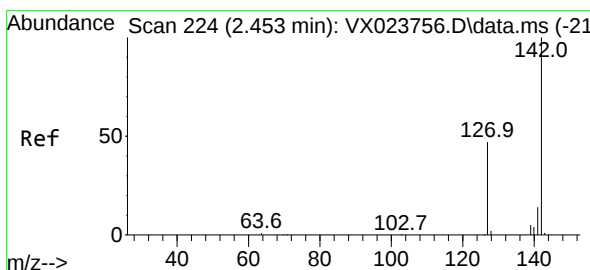
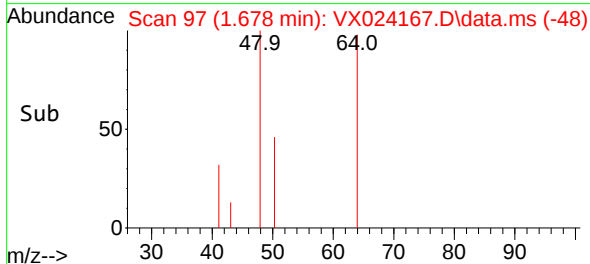
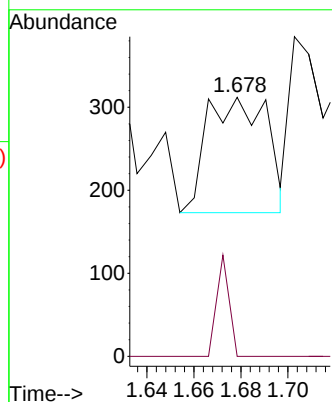
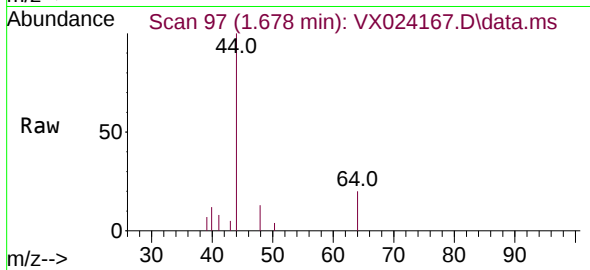




#6
Chloroethane
Concen: 2.383 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

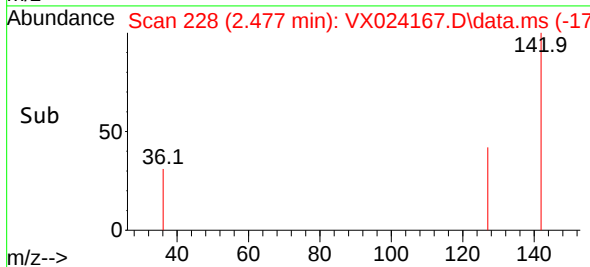
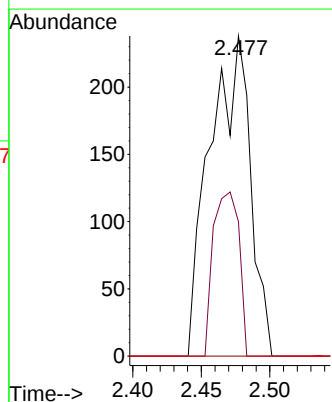
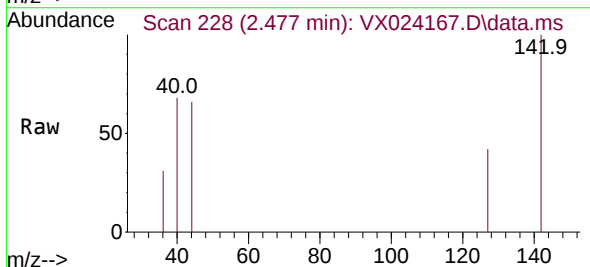
Instrument :
MSVOA_X
ClientSampled :

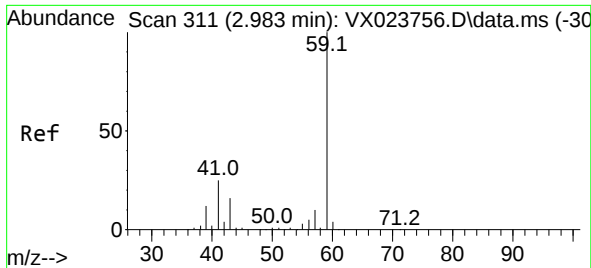
Tgt Ion: 64 Resp: 246
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.232 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.024 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion: 142 Resp: 488
Ion Ratio Lower Upper
142 100
127 32.6 33.3 49.9#
141 0.0 11.4 17.0#

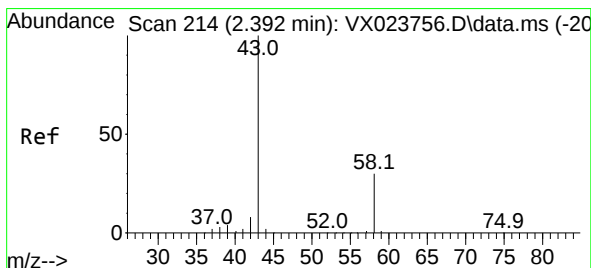
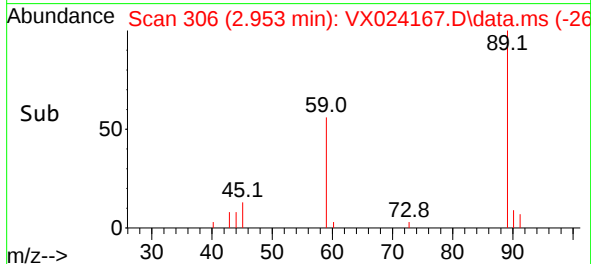
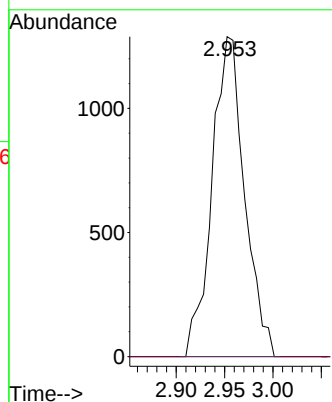
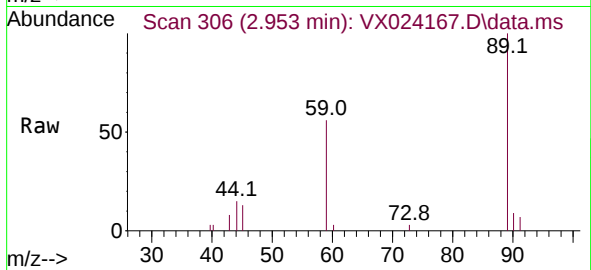




#11
Tert butyl alcohol
Concen: 7.111 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

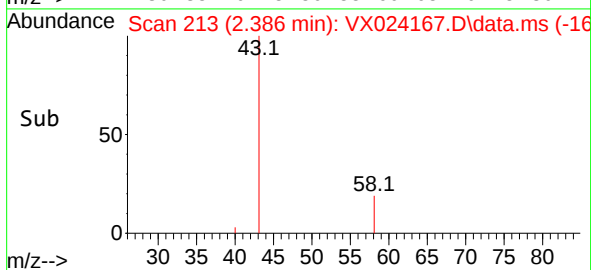
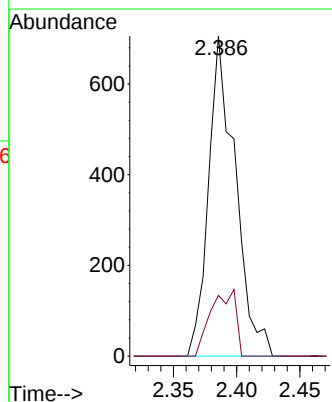
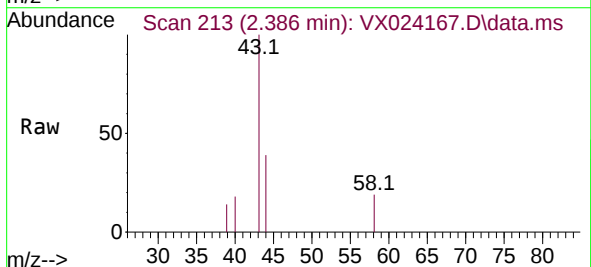
Instrument :
MSVOA_X
ClientSampled :

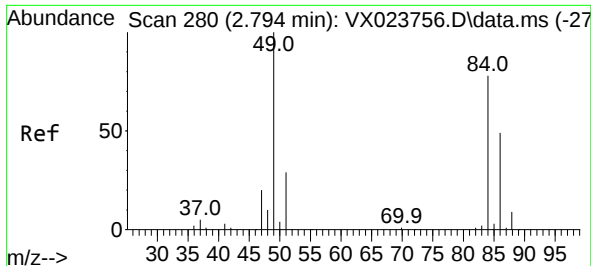
Tgt Ion: 59 Resp: 3016
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.108 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 19.0 27.8 41.8#





#20

Methylene Chloride

Concen: 0.816 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024167.D

Acq: 10 Sep 2021 15:45

Tgt Ion: 84 Resp: 1461

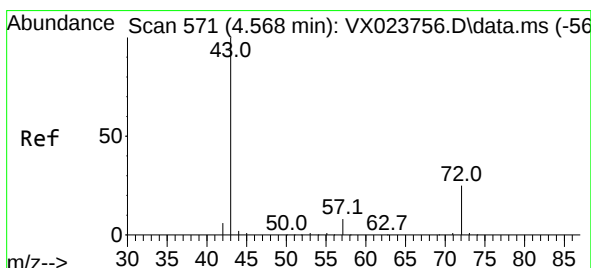
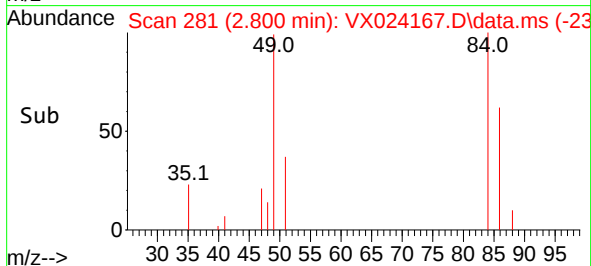
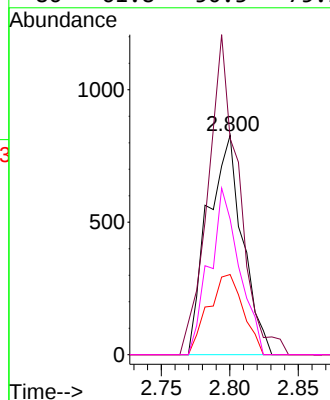
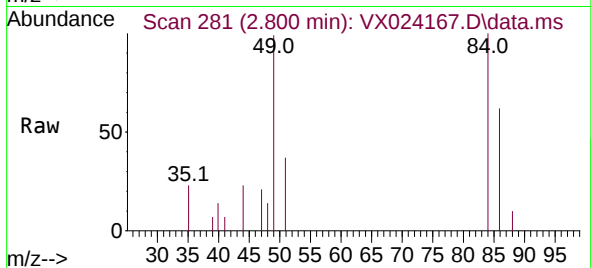
Ion Ratio Lower Upper

84 100

49 98.6 88.6 132.8

51 36.6 27.0 40.6

86 61.8 50.3 75.5



#25

2-Butanone

Concen: 0.265 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX024167.D

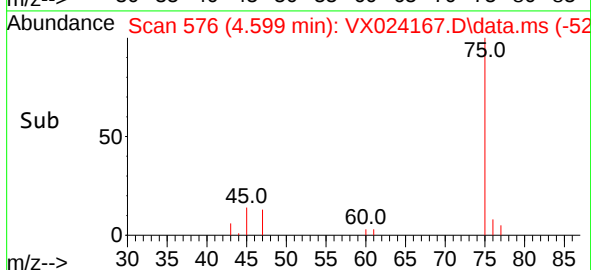
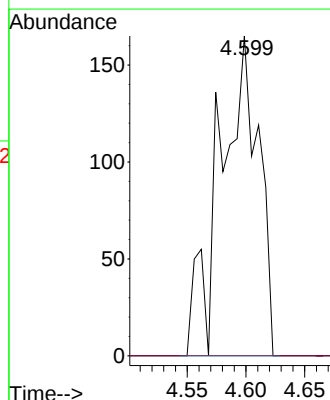
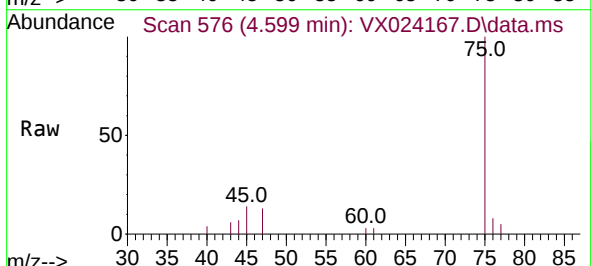
Acq: 10 Sep 2021 15:45

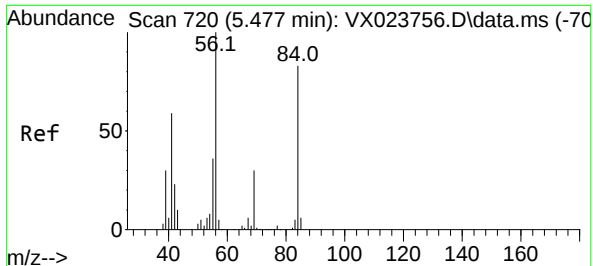
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#31

Cyclohexane

Concen: 1.201 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024167.D

Acq: 10 Sep 2021 15:45

Tgt Ion: 56 Resp: 3235

Ion Ratio Lower Upper

56 100

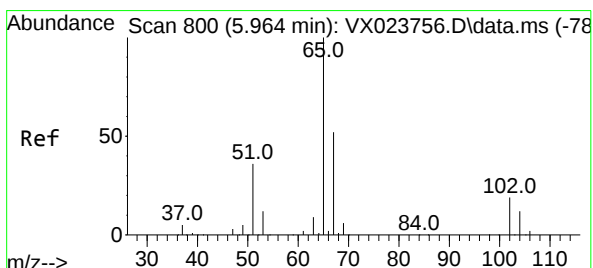
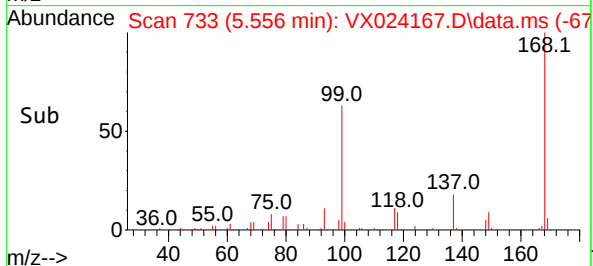
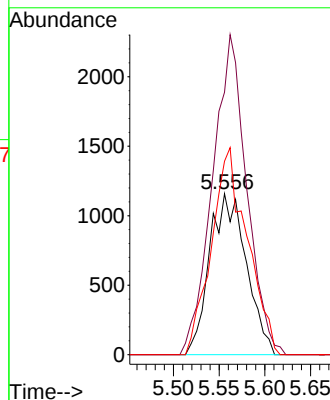
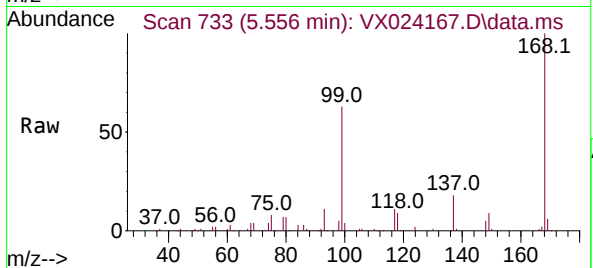
69 163.1 25.3 37.9#

84 120.2 71.4 107.0#

Instrument :

MSVOA_X

ClientSampled :



#33

1,2-Dichloroethane-d4

Concen: 50.987 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024167.D

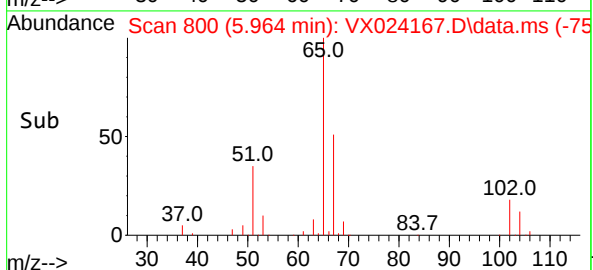
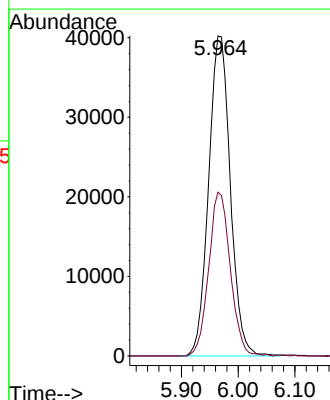
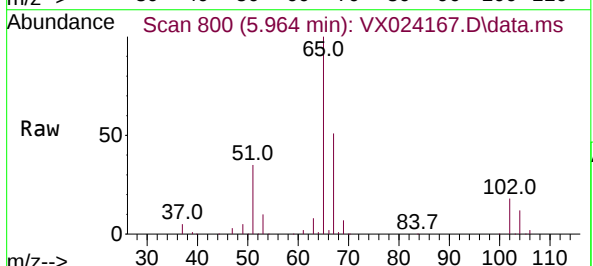
Acq: 10 Sep 2021 15:45

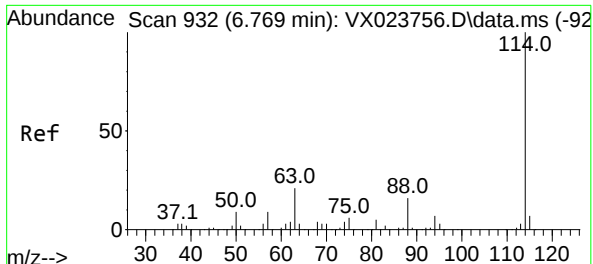
Tgt Ion: 65 Resp: 106931

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.4

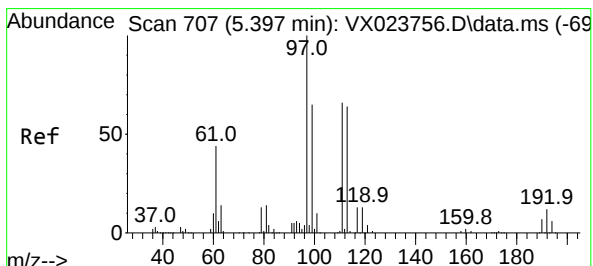
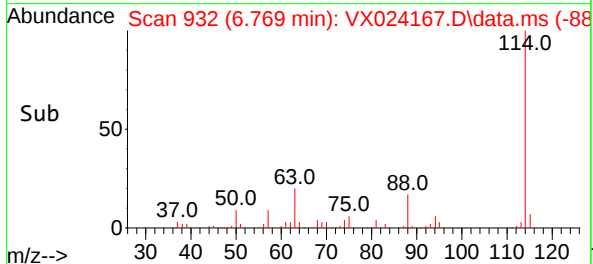
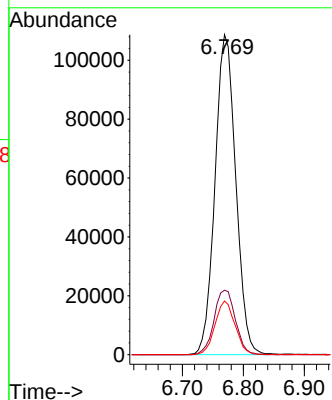
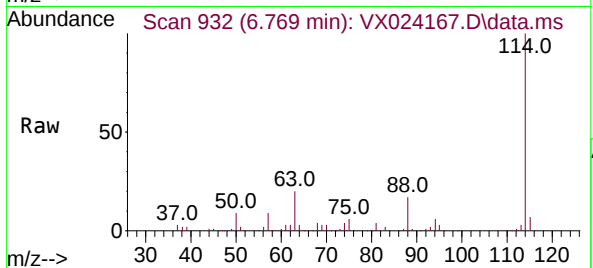




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

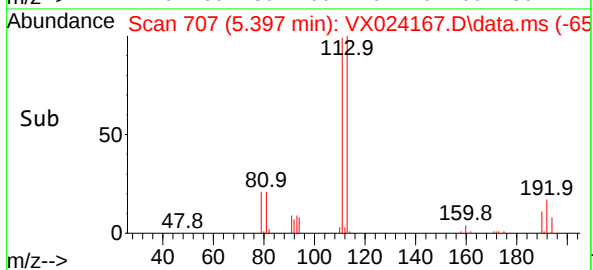
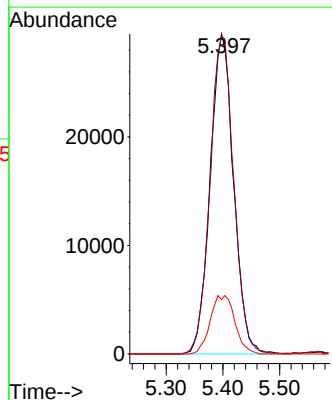
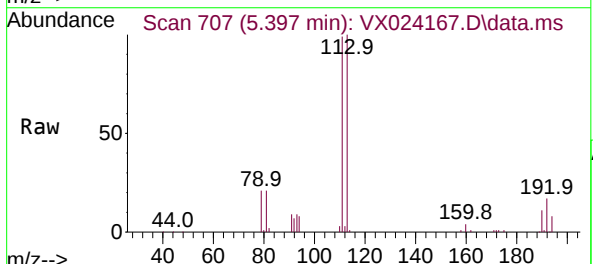
Instrument :
MSVOA_X
ClientSampled :

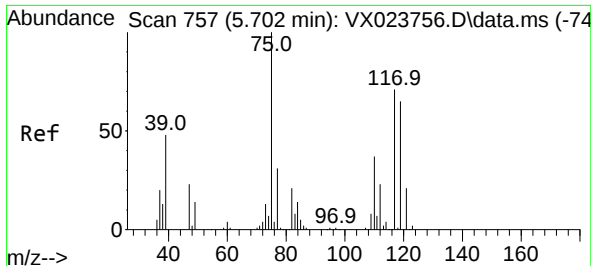
Tgt Ion:114 Resp: 257436
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.577 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion:113 Resp: 84475
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.024 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024167.D

Acq: 10 Sep 2021 15:45

Tgt Ion: 75 Resp: 11977

Ion Ratio Lower Upper

75 100

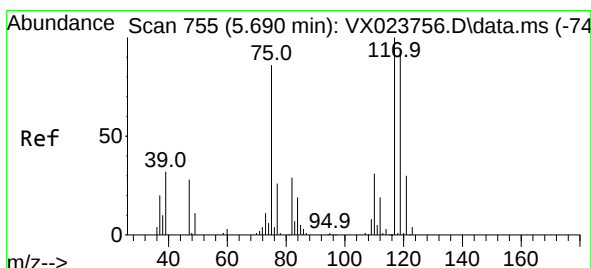
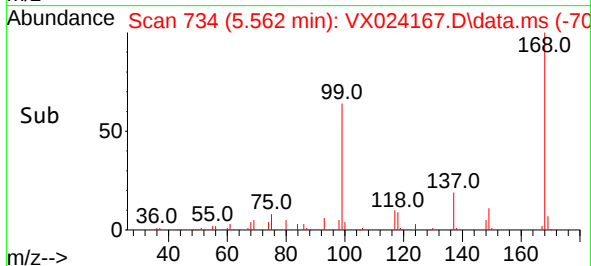
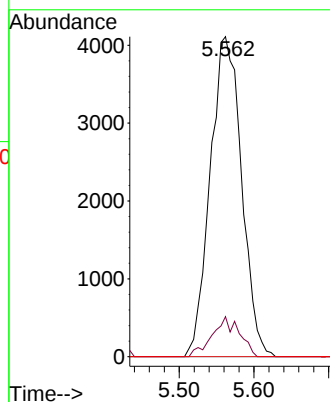
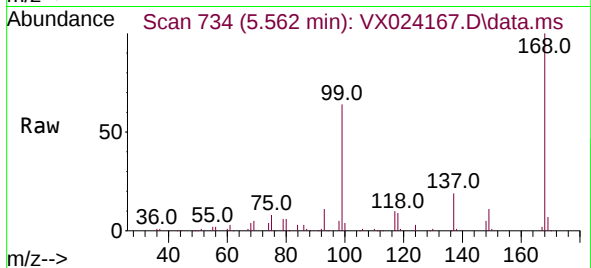
110 10.8 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.313 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX024167.D

Acq: 10 Sep 2021 15:45

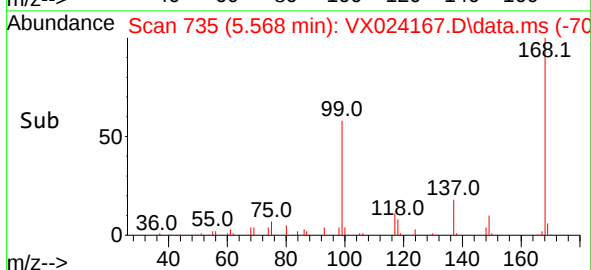
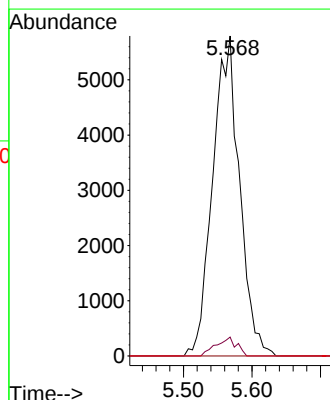
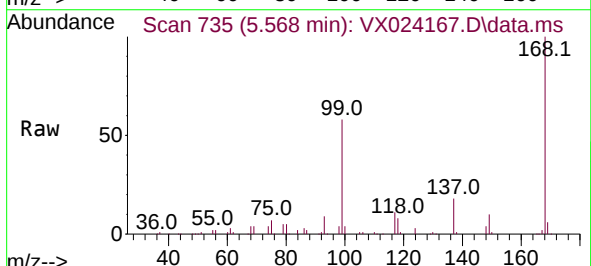
Tgt Ion: 117 Resp: 15695

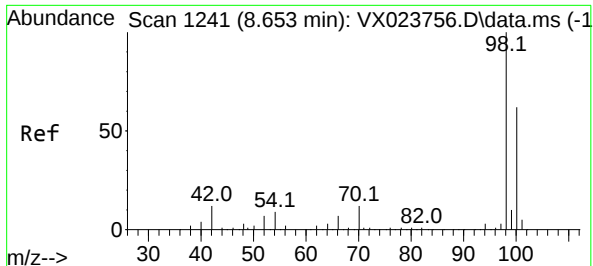
Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

121 0.0 24.8 37.2#

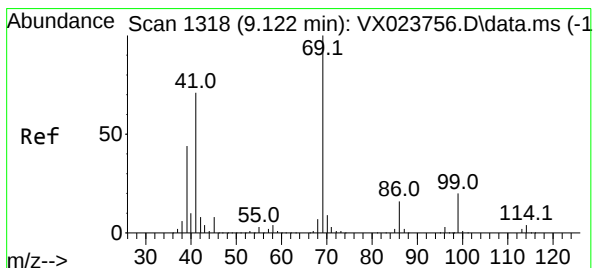
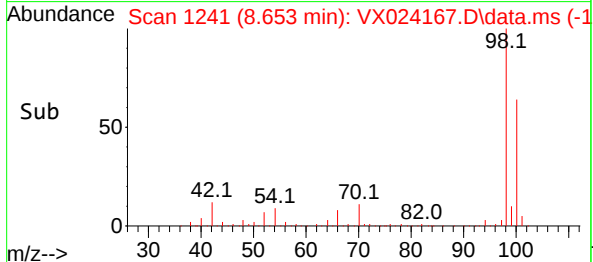
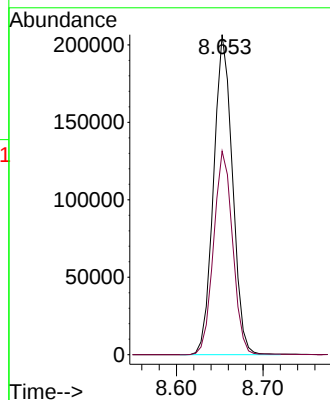
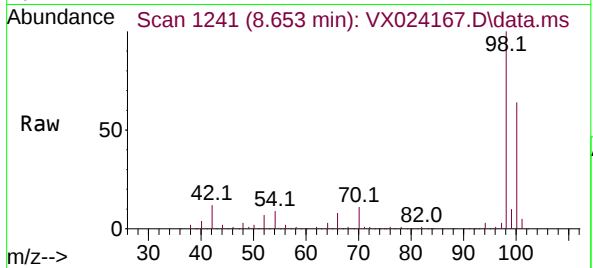




#50
Toluene-d8
Concen: 48.259 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

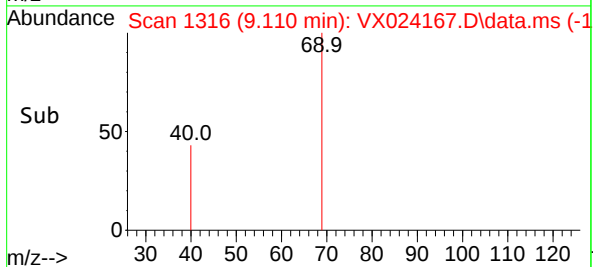
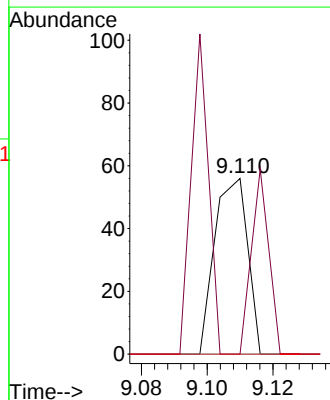
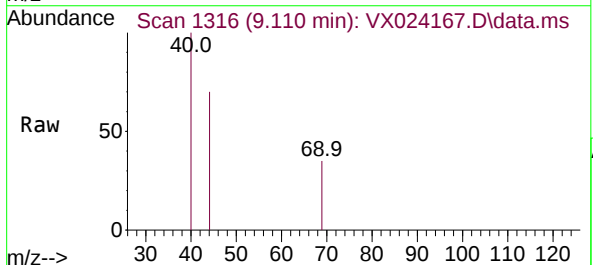
Instrument :
MSVOA_X
ClientSampled :

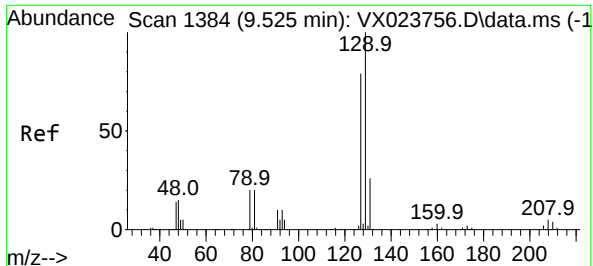
Tgt Ion: 98 Resp: 312967
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#56
Ethyl methacrylate
Concen: 0.771 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion: 69 Resp: 39
Ion Ratio Lower Upper
69 100
41 56.4 46.8 70.2
39 0.0 24.7 37.1#

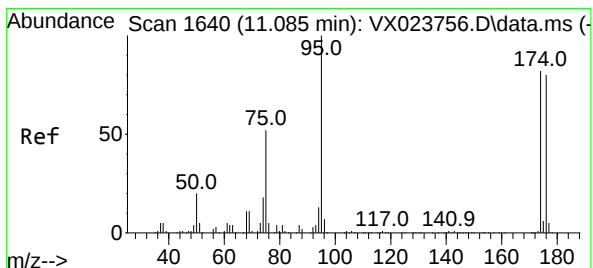
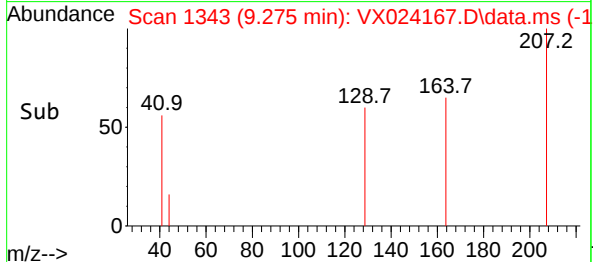
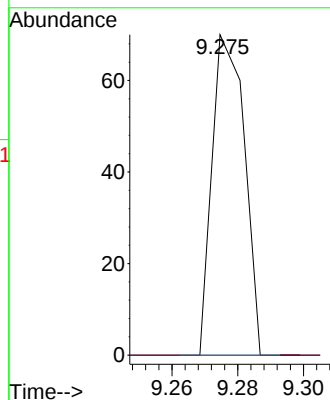
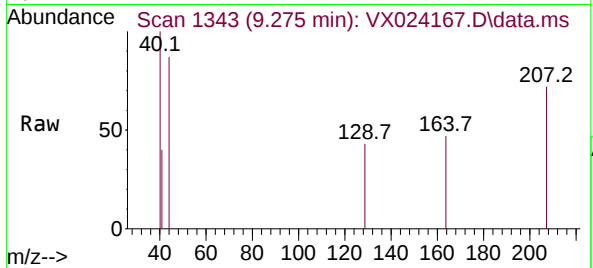




#60
Dibromochloromethane
Concen: 1.710 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

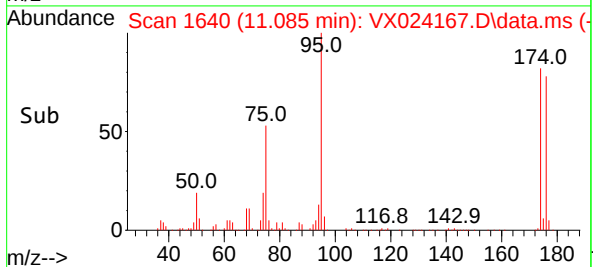
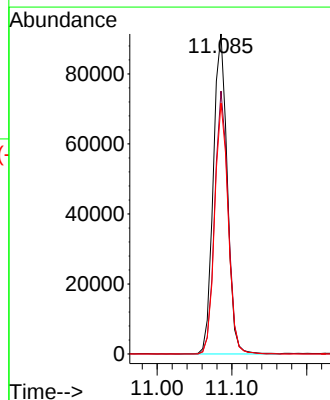
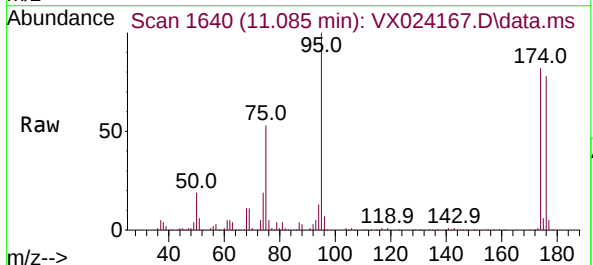
Instrument :
MSVOA_X
ClientSampled :

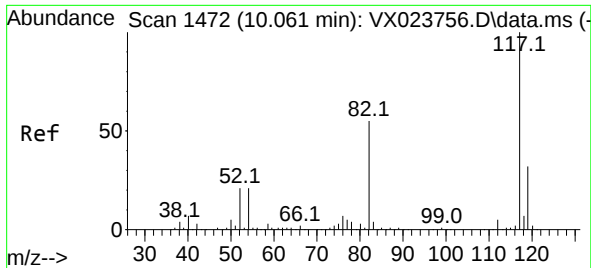
Tgt Ion:129 Resp: 48
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.738 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion: 95 Resp: 118742
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 75.8 0.0 155.8

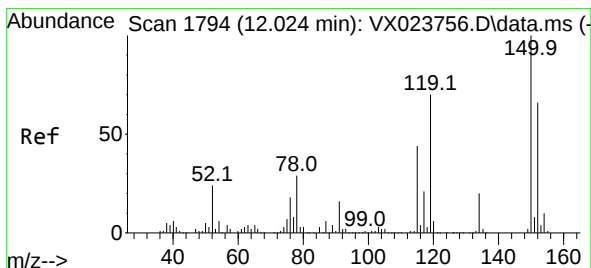
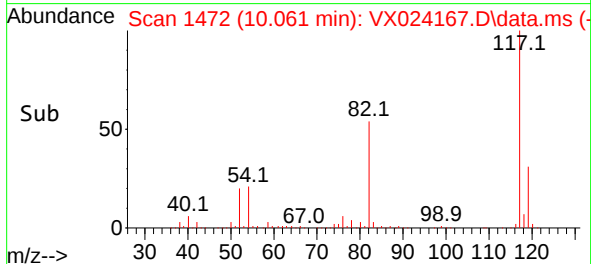
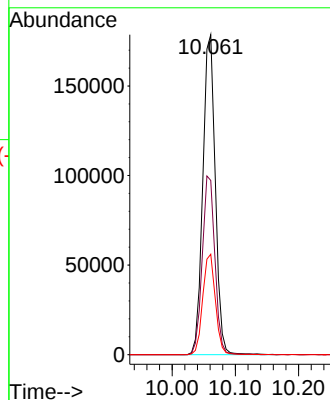
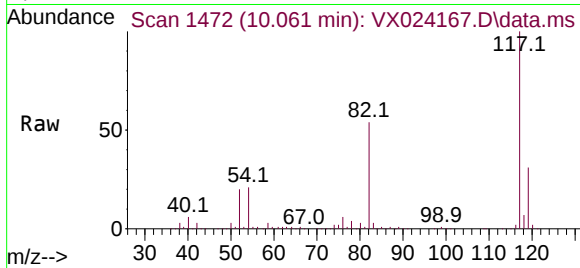




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

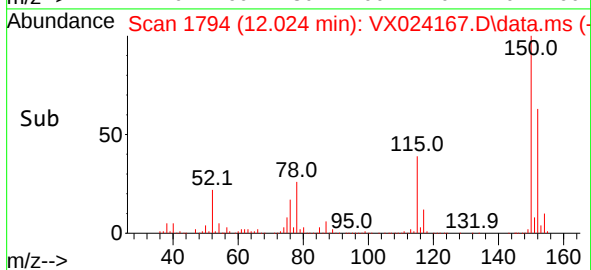
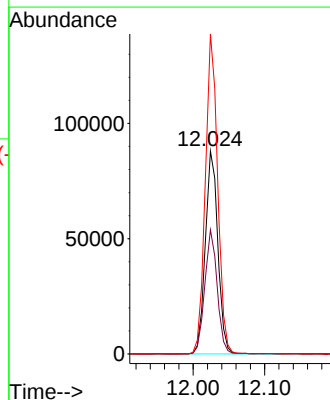
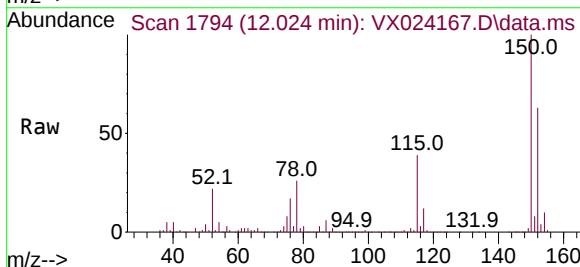
Instrument :
MSVOA_X
ClientSampled :

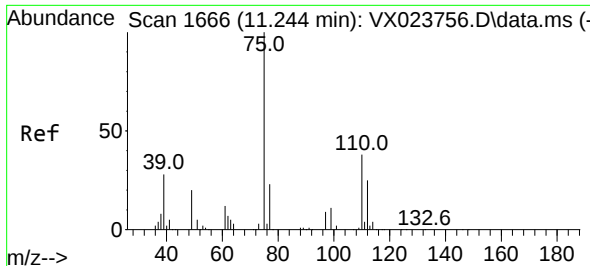
Tgt Ion:117 Resp: 245611
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion:152 Resp: 107353
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 155.1 0.0 349.0

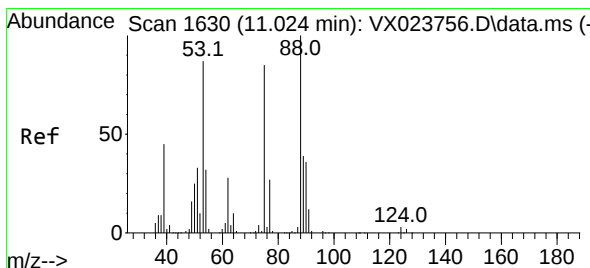
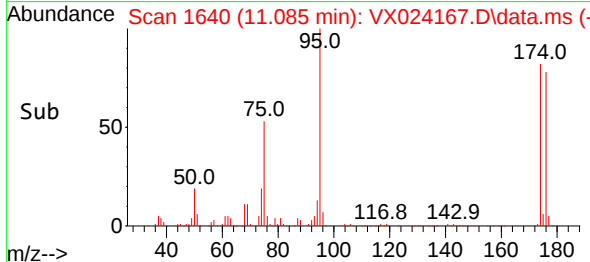
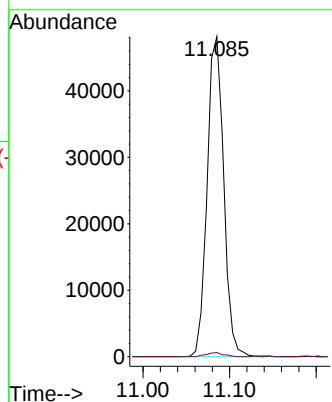
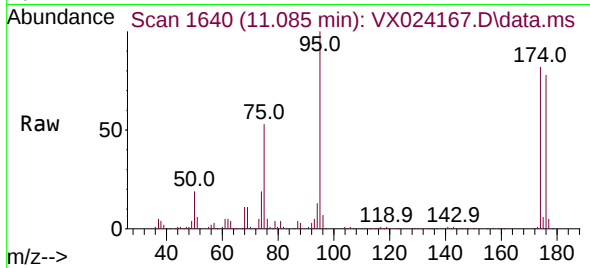




#76
1,2,3-Trichloropropane
Concen: 25.509 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

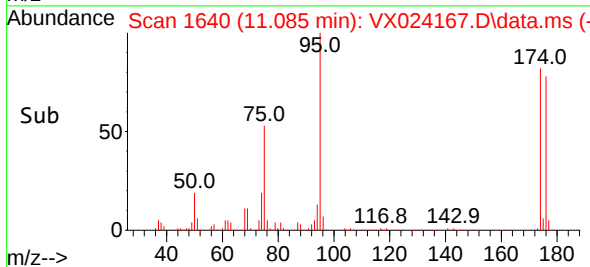
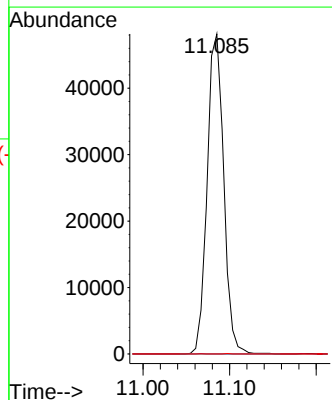
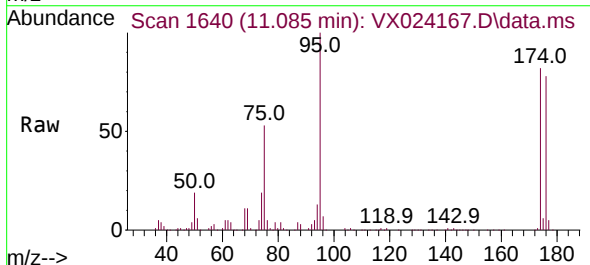
Instrument :
MSVOA_X
ClientSampled :

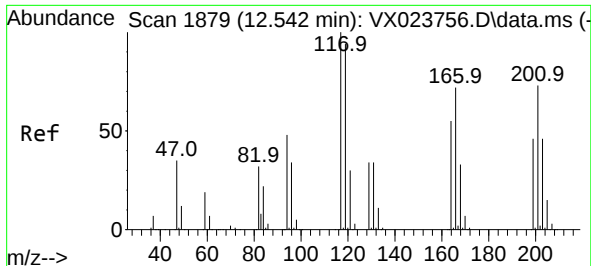
Tgt Ion: 75 Resp: 63882
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.037 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion: 75 Resp: 63882
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

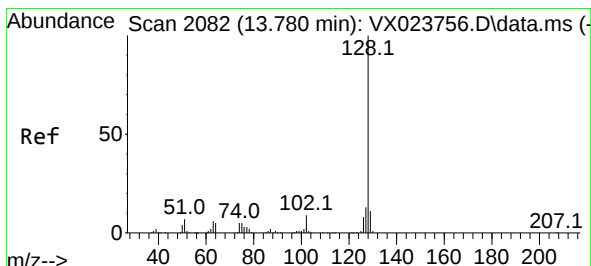
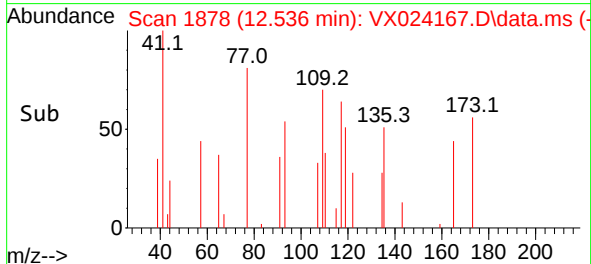
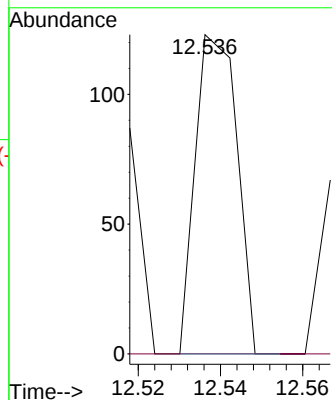
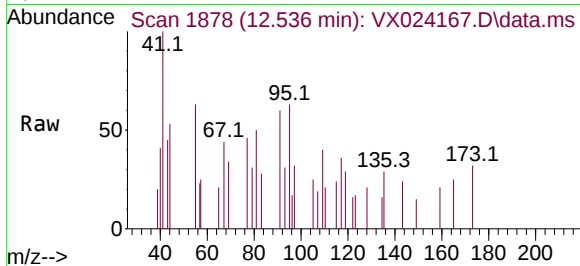




#90
Hexachloroethane
Concen: 1.537 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 87
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.318 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024167.D
Acq: 10 Sep 2021 15:45

Tgt Ion:128 Resp: 287
Ion Ratio Lower Upper
128 100
127 18.1 10.3 15.5#
129 76.0 8.8 13.2#

