

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013012.D
 Acq On : 11 Oct 2019 13:37
 Operator : JC/SP
 Sample : VX1011MBL01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

Quant Time: Oct 11 23:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106465	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	115793	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
35) Dibromofluoromethane	5.48	113	88619	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
50) Toluene-d8	8.71	98	355819	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.13	95	121061	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	

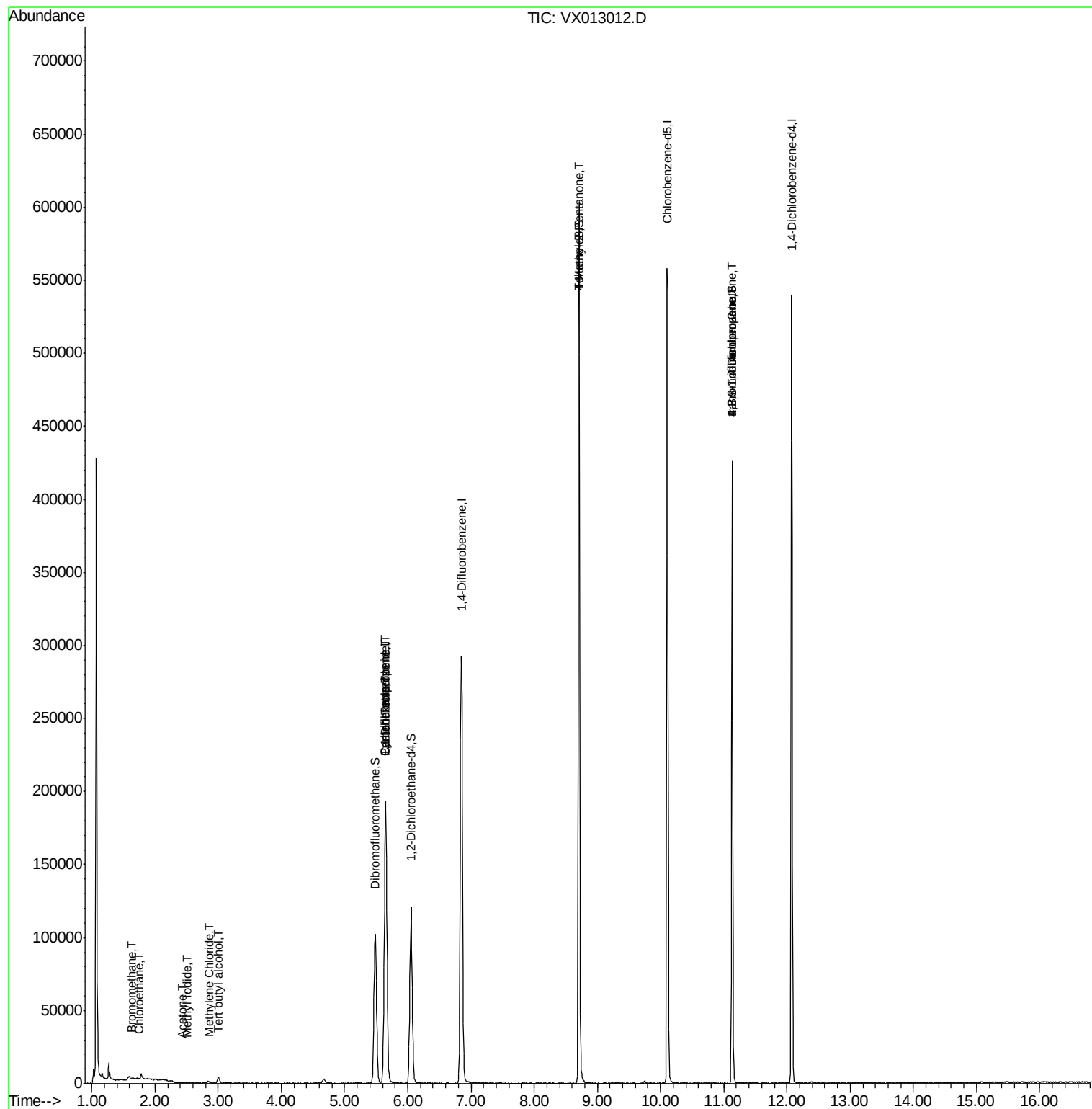
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	505	0.578	ug/l #	44
6) Chloroethane	1.75	64	111	0.453	ug/l #	43
10) Methyl Iodide	2.50	142	354	5.235	ug/l #	80
11) Tert butyl alcohol	3.00	59	2682	4.411	ug/l #	72
16) Acetone	2.43	43	311	0.257	ug/l #	43
20) Methylene Chloride	2.85	84	467	0.210	ug/l #	59
31) Cyclohexane	5.65	56	4192	1.259	ug/l #	14
36) 1,1-Dichloropropene	5.64	75	14608	5.535	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19002	7.398	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	1531	0.518	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	62217	26.348	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	62217	66.302	ug/l #	10

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

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Misc : 5.0µL/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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Quant Time: Oct 11 23:23:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
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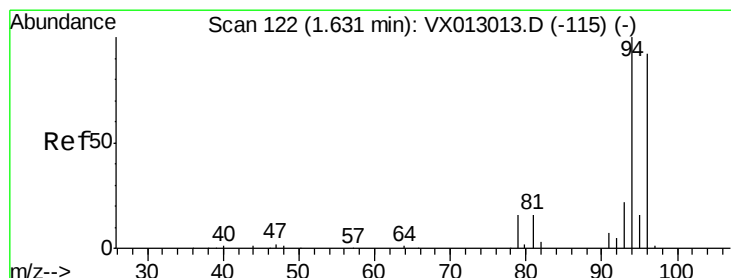
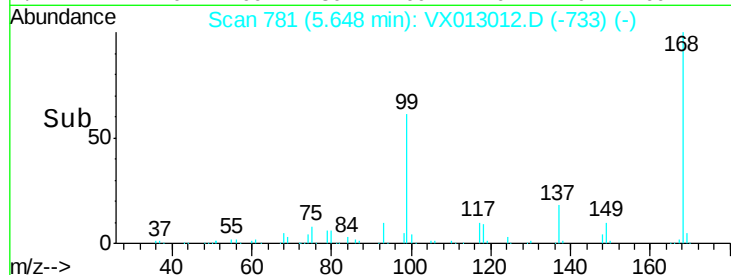
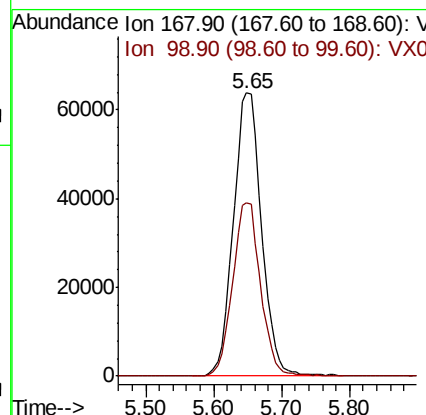
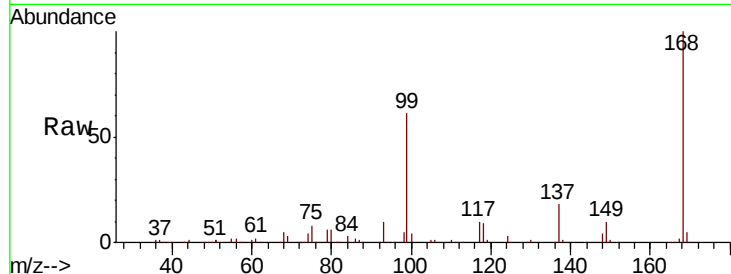




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

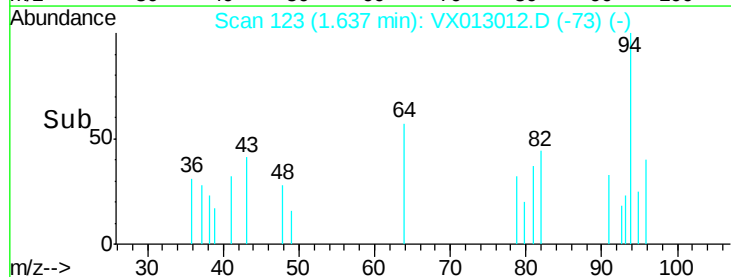
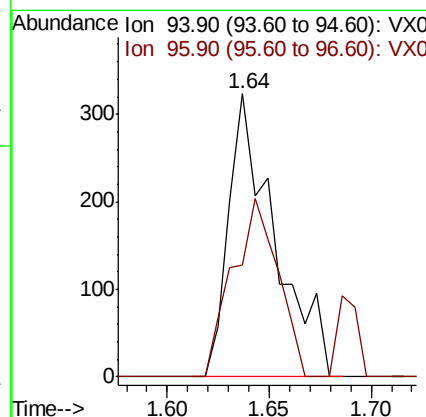
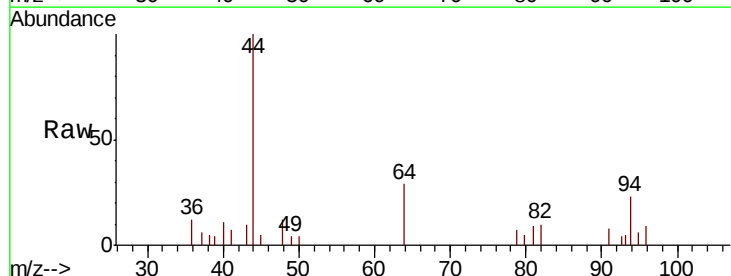
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

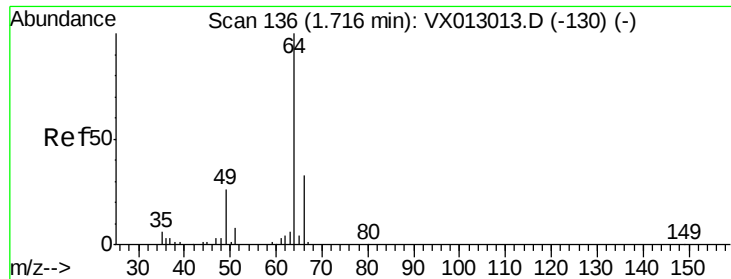
Tot Ion:168 Resp: 183496
Ion Ratio Lower Upper
168 100
99 61.1 49.4 74.0



#5
Bromomethane
Concen: 0.578 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 39.6 74.7 112.1#





#6

Chloroethane

Concen: 0.453 ug/l

RT: 1.75 min Scan# 141

Delta R.T. 0.04 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

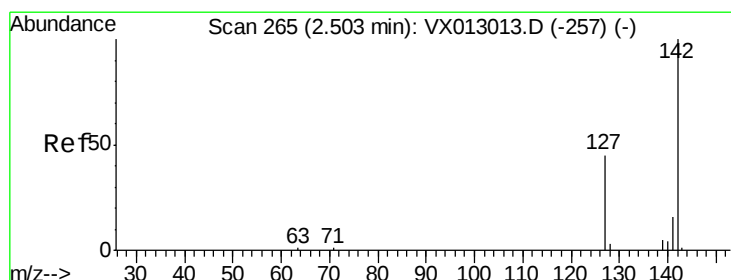
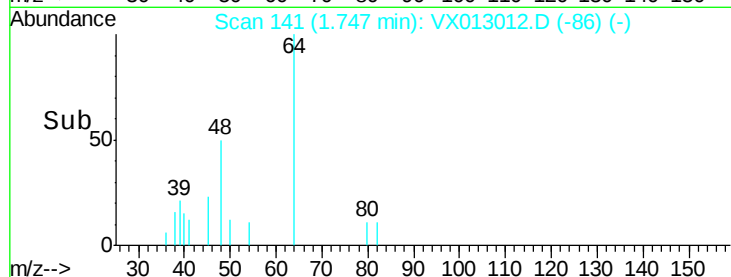
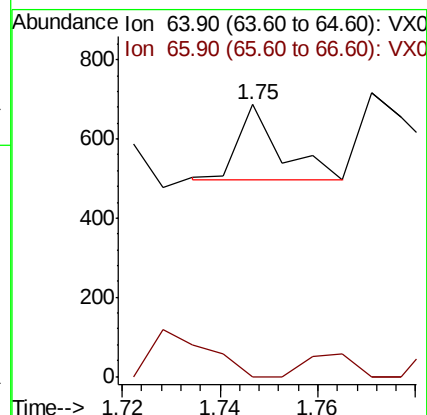
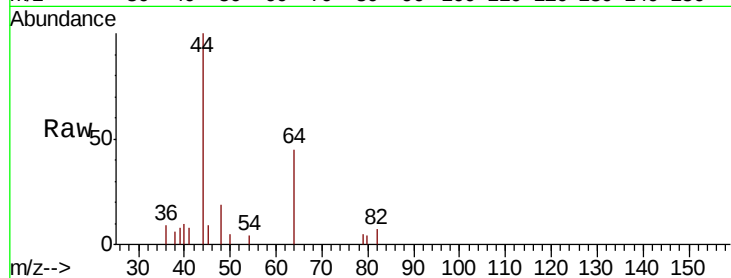
VX1011MBL01

Tot Ion: 64 Resp: 111

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



#10

Methyl Iodide

Concen: 5.235 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

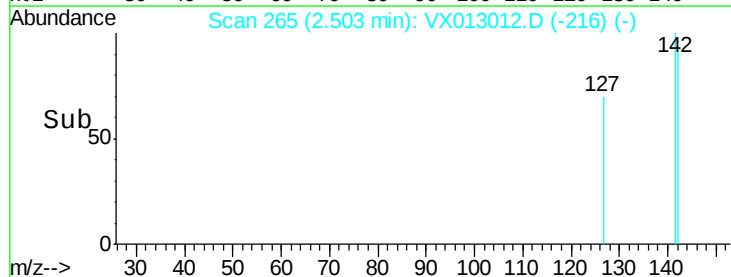
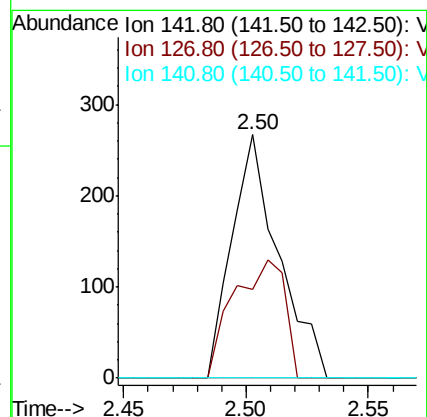
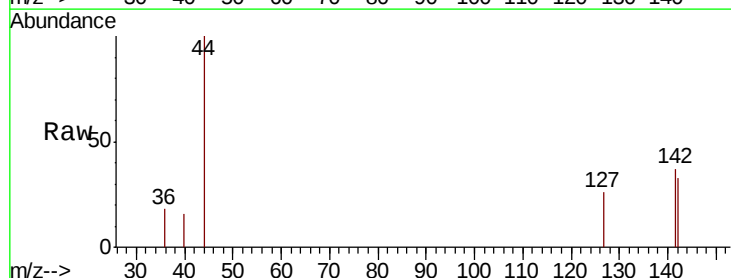
Tgt Ion: 142 Resp: 354

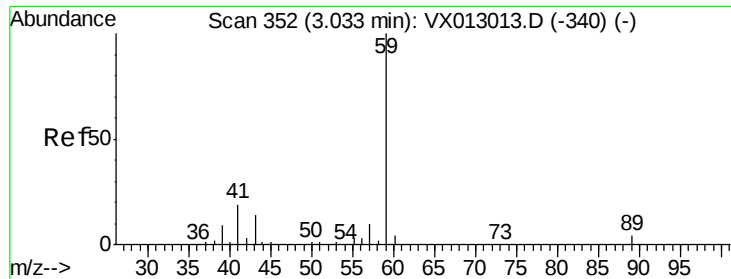
Ion Ratio Lower Upper

142 100

127 53.4 34.9 52.3#

141 0.0 11.6 17.4#

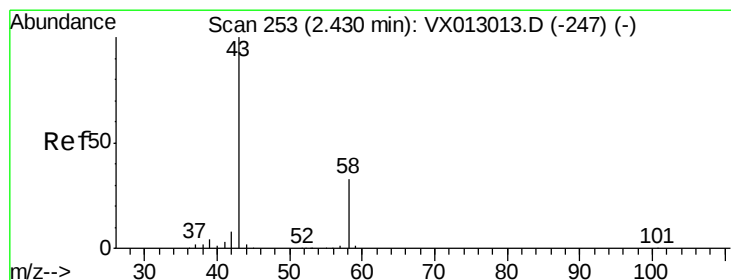
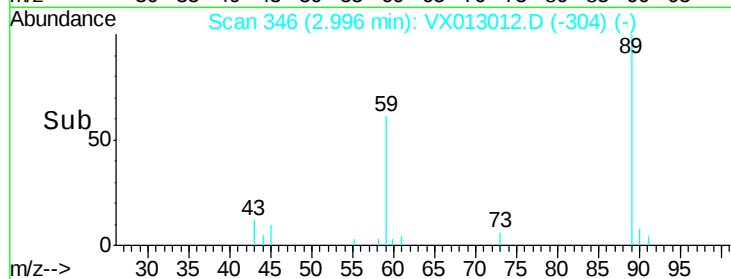
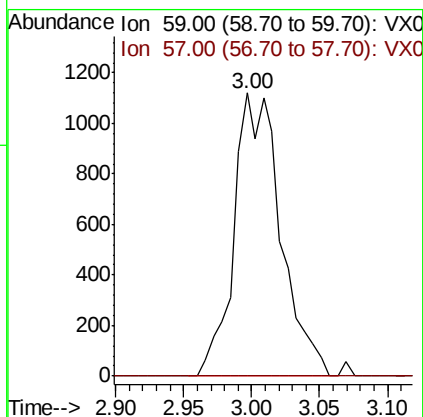
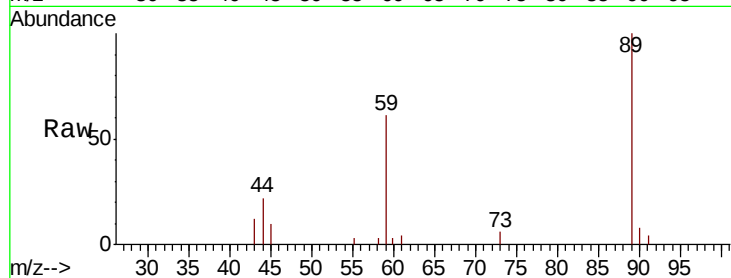




#11
 Tert butyl alcohol
 Concen: 4.411 ug/l
 RT: 3.00 min Scan# 346
 Delta R.T. -0.04 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 13:37

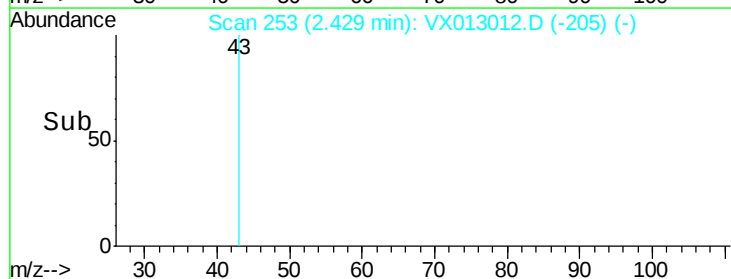
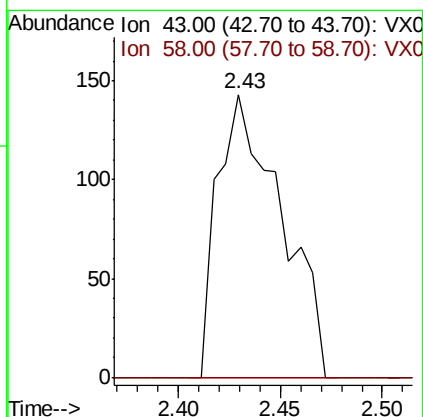
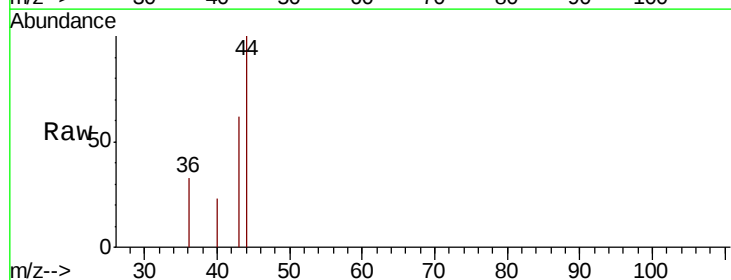
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011MBL01

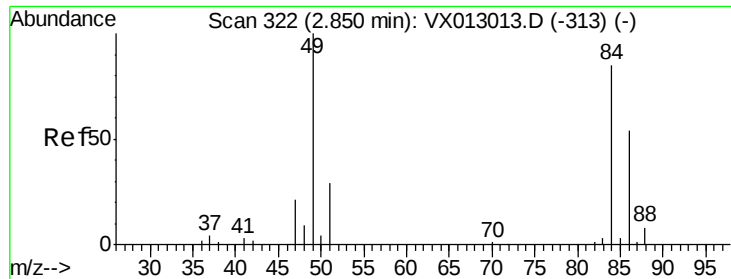
Tot Ion: 59 Resp: 2682
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



#16
 Acetone
 Concen: 0.257 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX013012.D
 Acq: 11 Oct 2019 13:37

Tgt Ion: 43 Resp: 311
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.4 38.2#

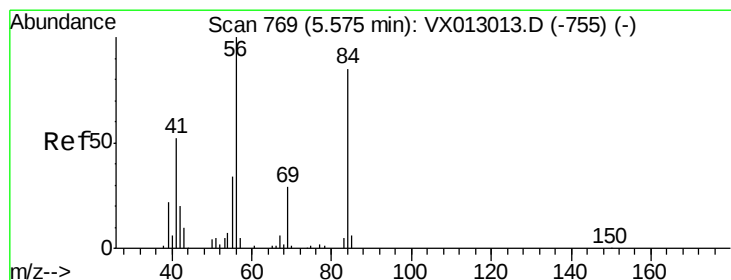
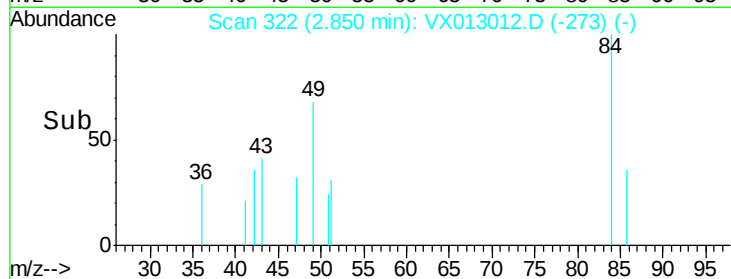
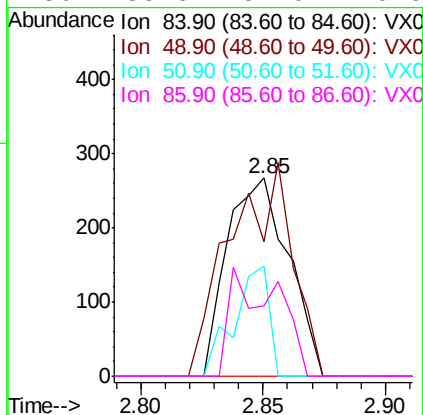
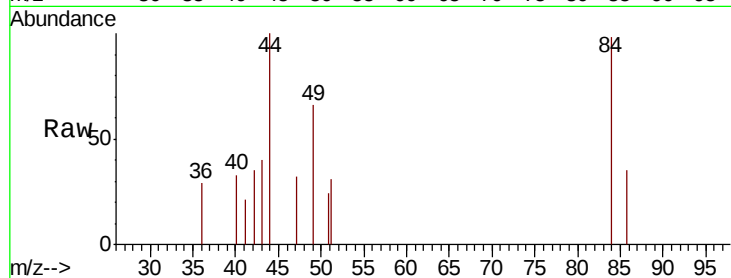




#20
Methvlene Chloride
Concen: 0.210 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

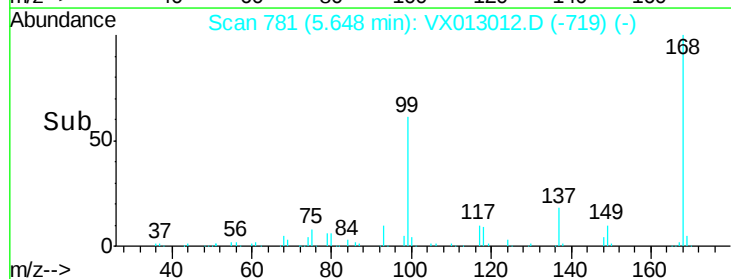
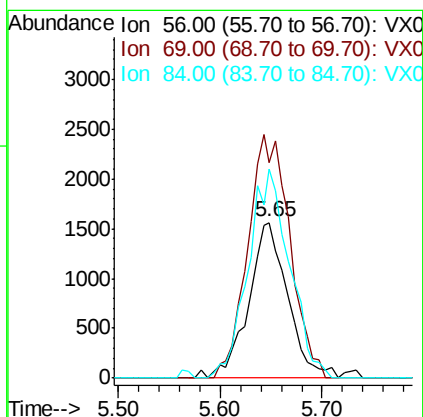
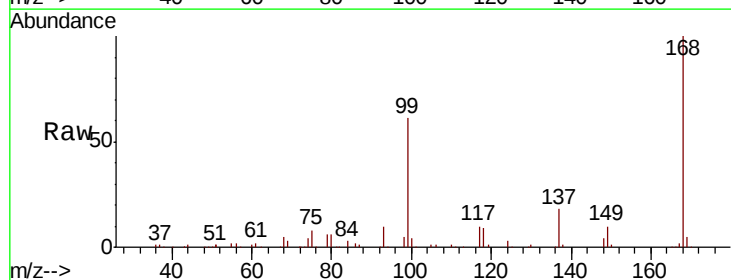
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

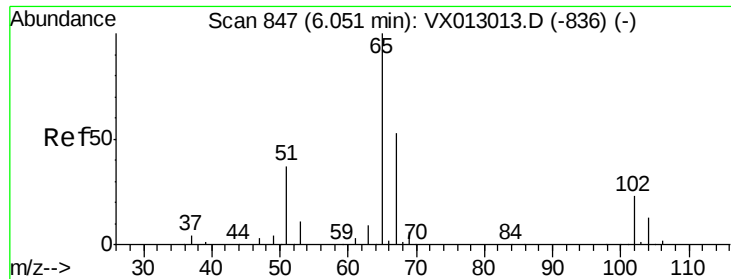
Tot Ion: 84 Resp: 467
Ion Ratio Lower Upper
84 100
49 67.8 96.6 144.8#
51 55.8 30.7 46.1#
86 35.6 51.0 76.6#



#31
Cyclohexane
Concen: 1.259 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

Tgt Ion: 56 Resp: 4192
Ion Ratio Lower Upper
56 100
69 138.4 25.2 37.8#
84 133.9 71.3 106.9#





#33

1,2-Dichloroethane-d4

Concen: 50.488 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

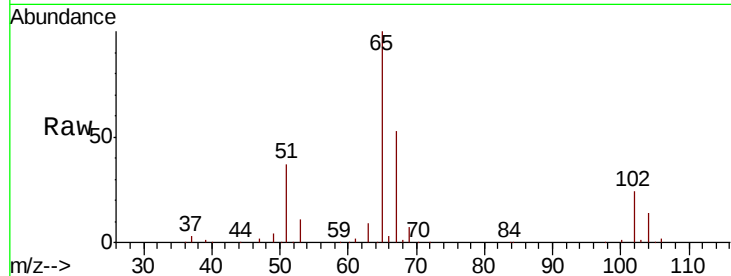
VX1011MBL01

Tot Ion: 65 Resp: 115793

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

30000

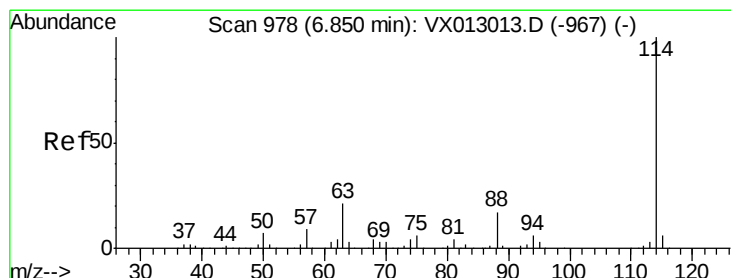
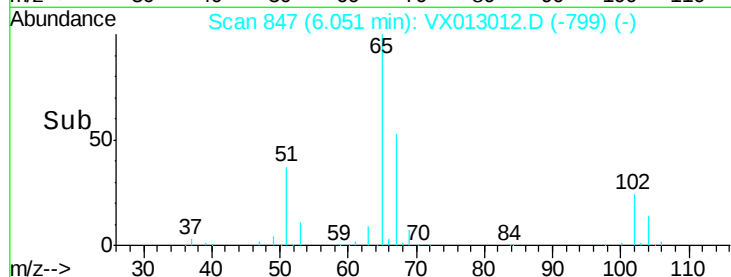
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

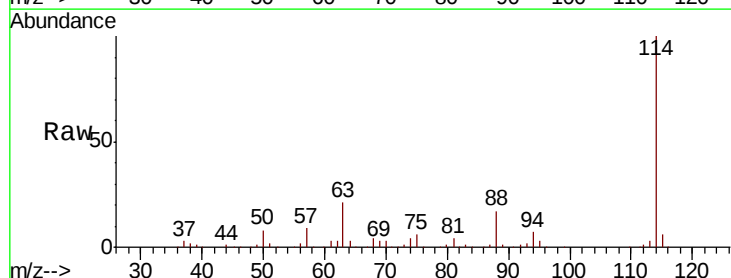
Tgt Ion: 114 Resp: 300157

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

88 17.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

150000

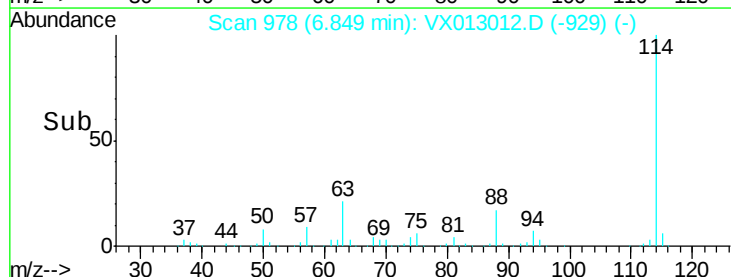
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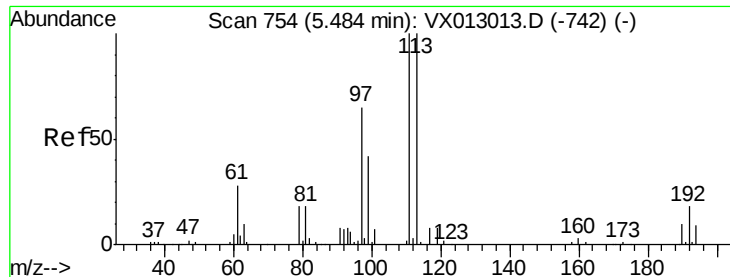
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Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.441 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

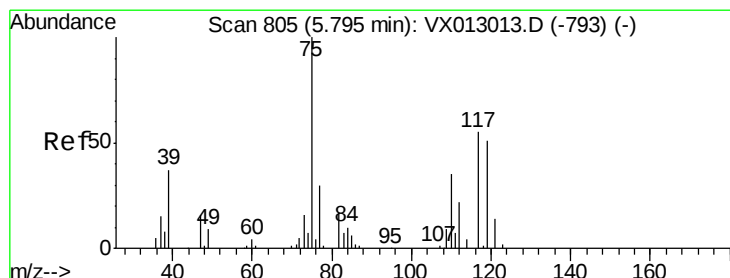
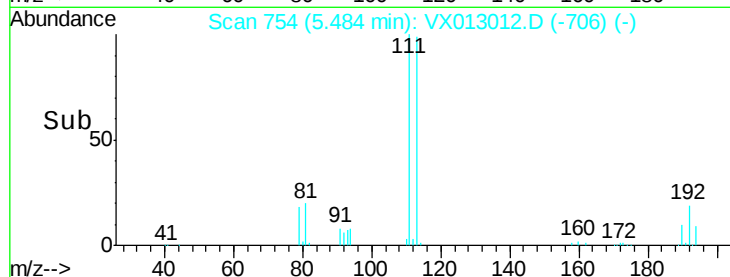
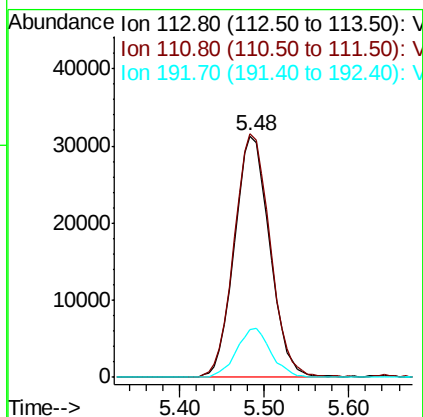
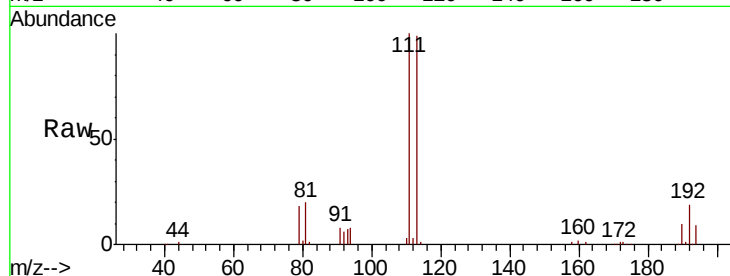
Tot Ion:113 Resp: 88619

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 19.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.535 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

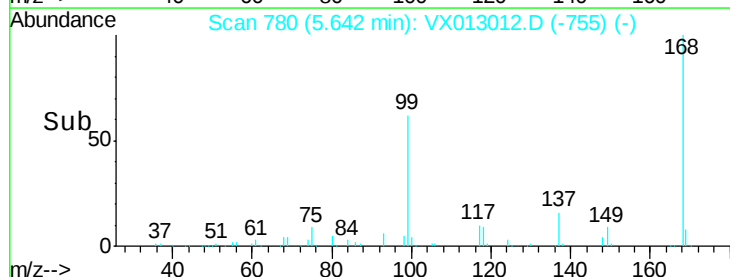
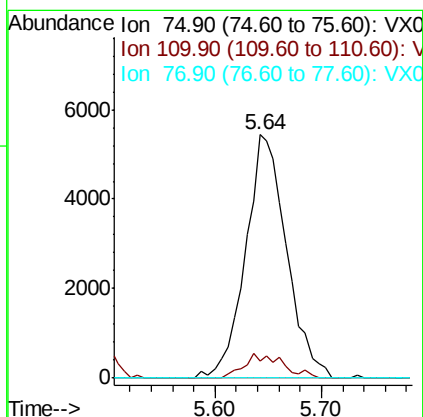
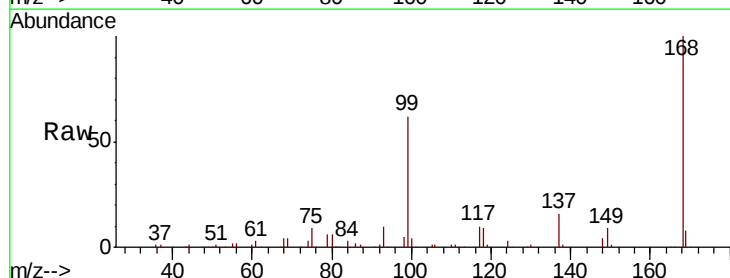
Tgt Ion: 75 Resp: 14608

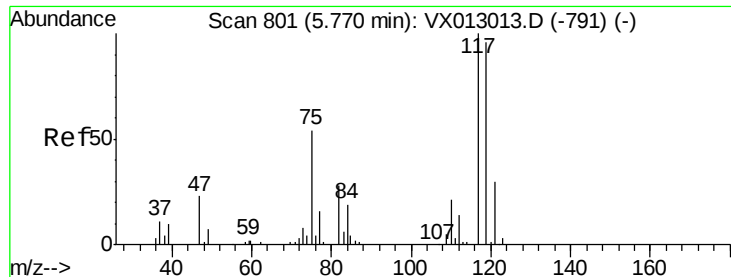
Ion Ratio Lower Upper

75 100

110 9.6 17.6 52.9#

77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 7.398 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

VX1011MBL01

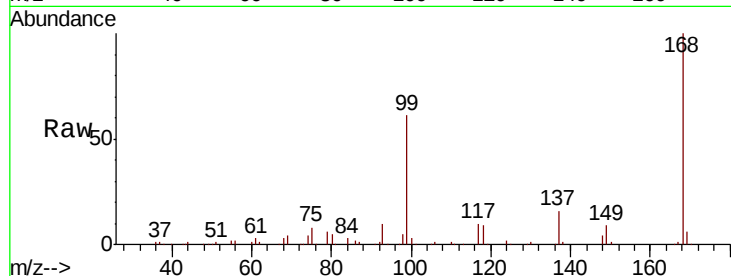
Tot Ion:117 Resp: 19002

Ion Ratio Lower Upper

117 100

119 3.9 74.5 111.7#

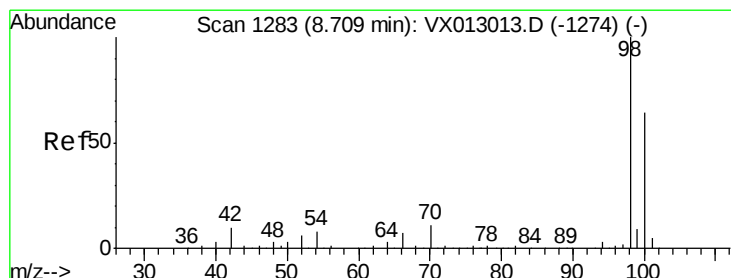
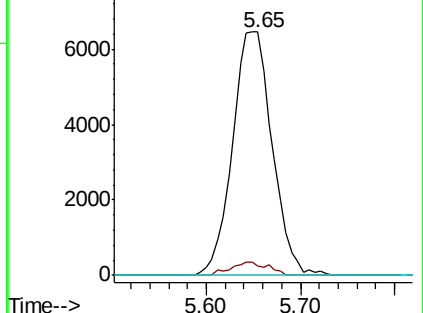
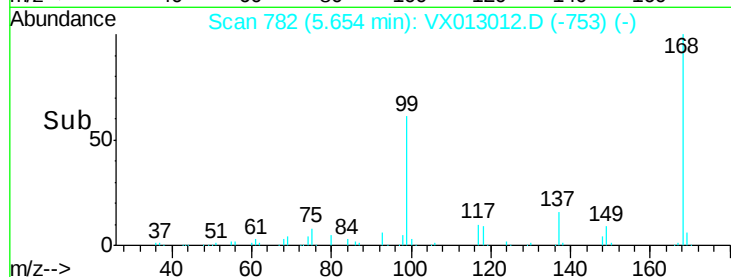
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.956 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013012.D

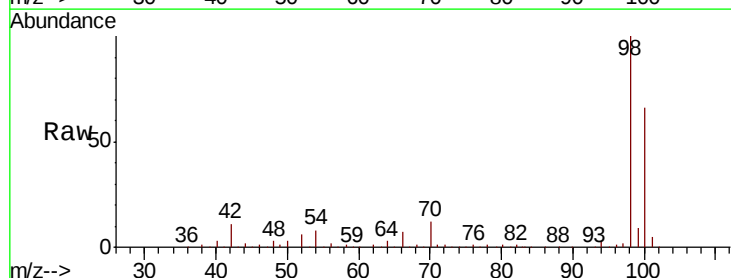
Acq: 11 Oct 2019 13:37

Tgt Ion: 98 Resp: 355819

Ion Ratio Lower Upper

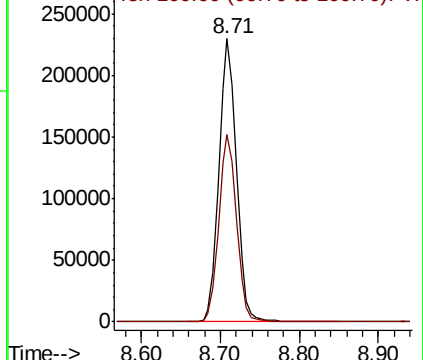
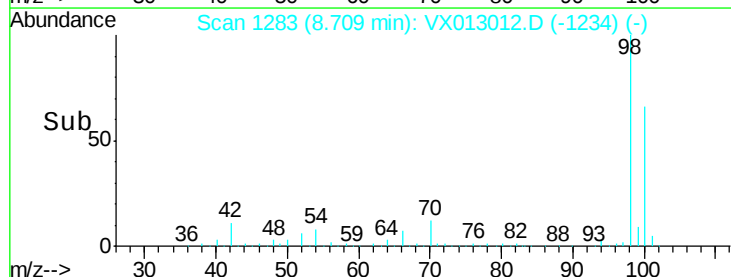
98 100

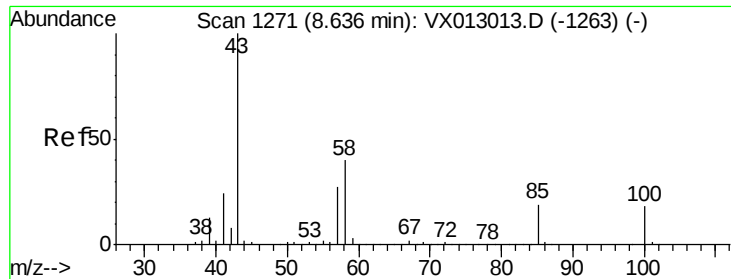
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

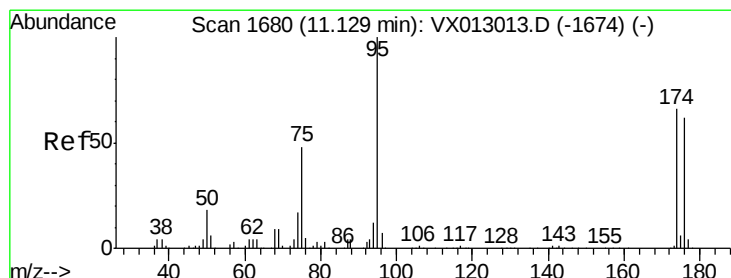
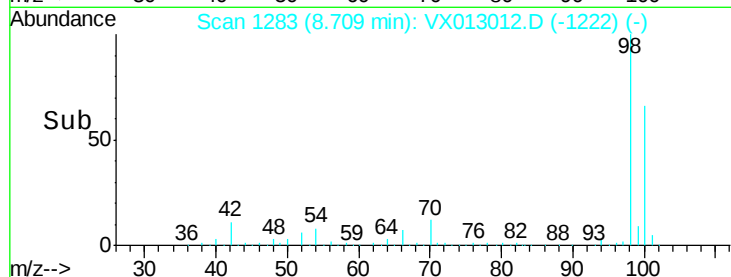
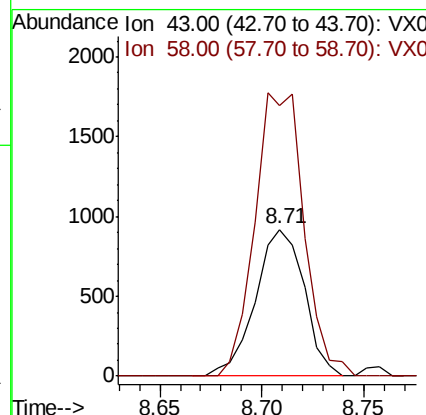
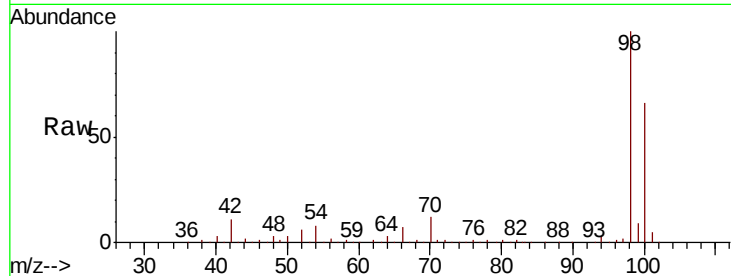




#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.07 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

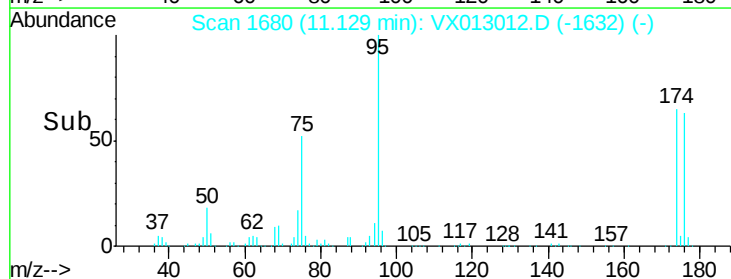
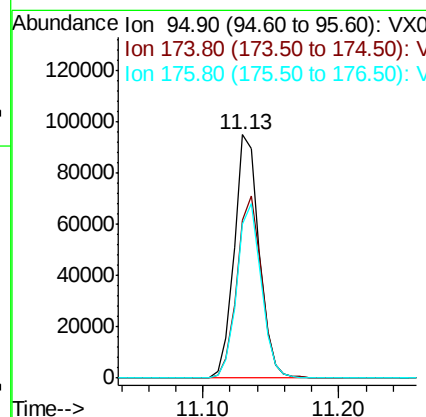
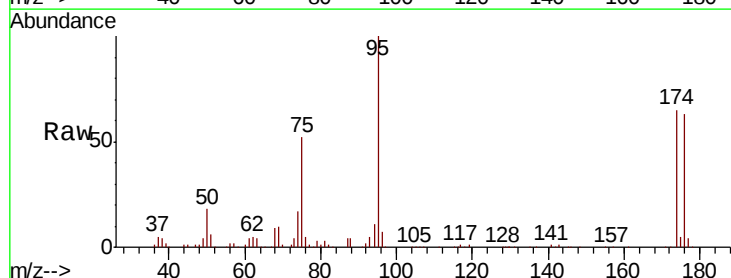
Instrument :
MSVOA_X
ClientSampled :
VX1011MBL01

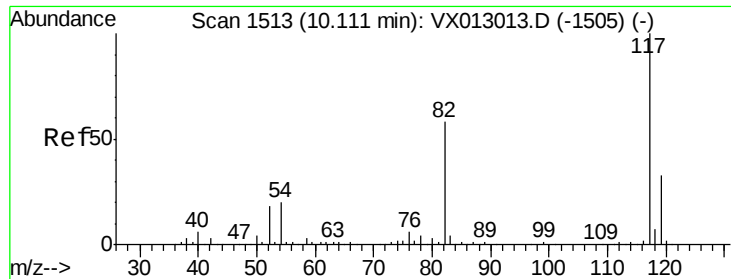
Tot Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 193.7 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 46.370 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

Tgt Ion: 95 Resp: 121061
Ion Ratio Lower Upper
95 100
174 74.0 0.0 143.4
176 70.5 0.0 136.0

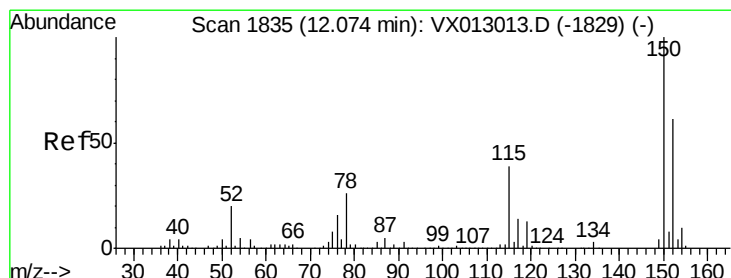
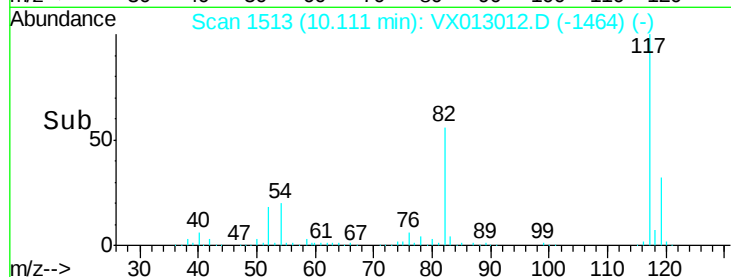
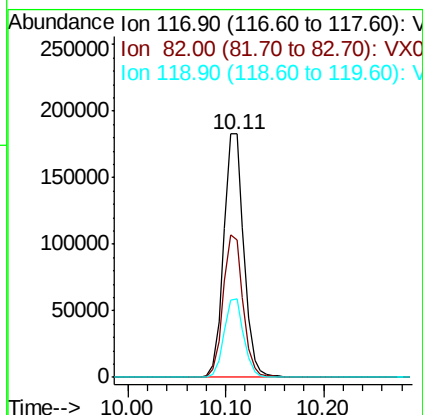
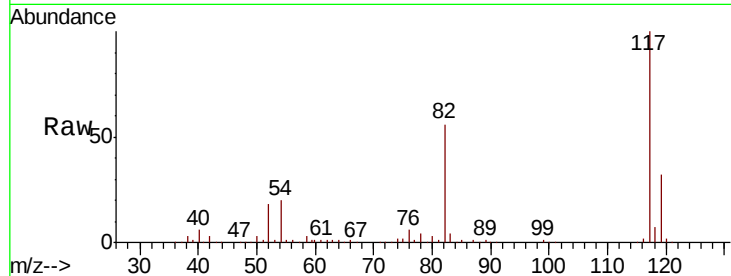




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

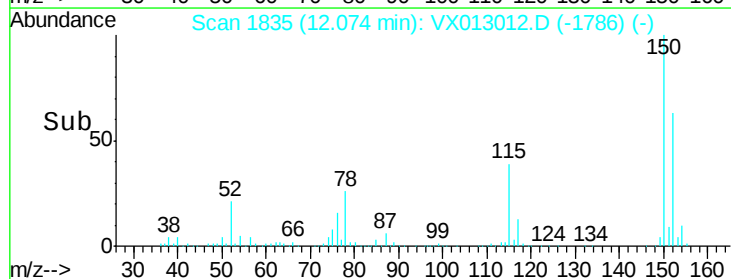
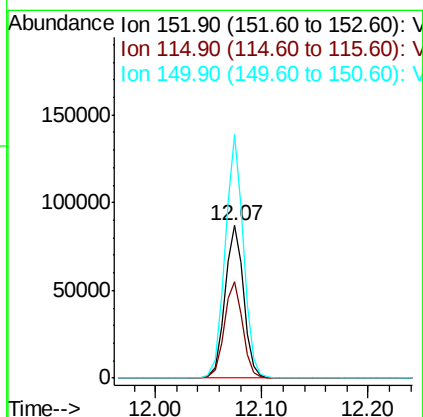
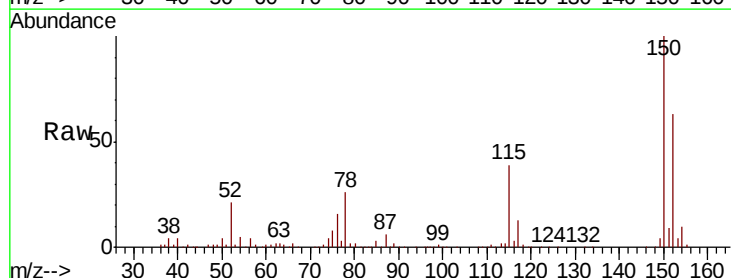
Instrument :
MSVOA_X
ClientSampleId :
VX1011MBL01

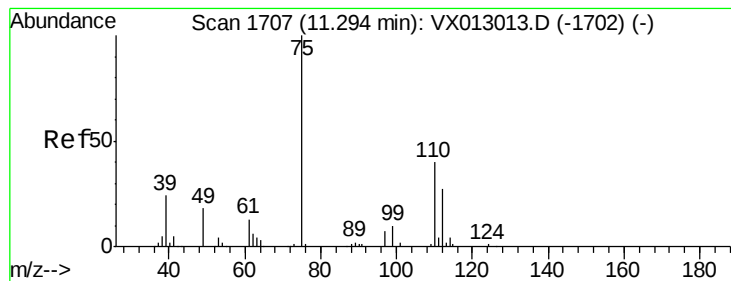
Tot Ion:117 Resp: 260379
Ion Ratio Lower Upper
117 100
82 56.2 44.1 66.1
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013012.D
Acq: 11 Oct 2019 13:37

Tgt Ion:152 Resp: 106465
Ion Ratio Lower Upper
152 100
115 62.3 44.5 133.5
150 155.8 0.0 353.4





#76

1,2,3-Trichloropropane

Concen: 26.348 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

Instrument :

MSVOA_X

ClientSampleId :

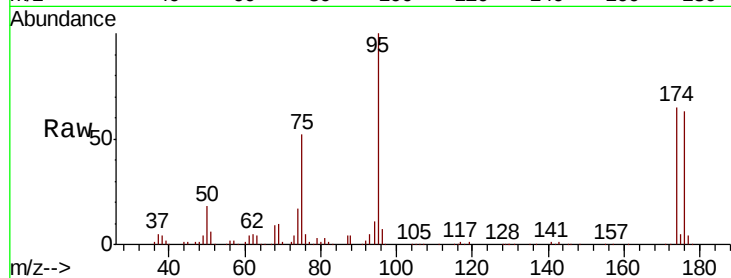
VX1011MBL01

Tot Ion: 75 Resp: 62217

Ion Ratio Lower Upper

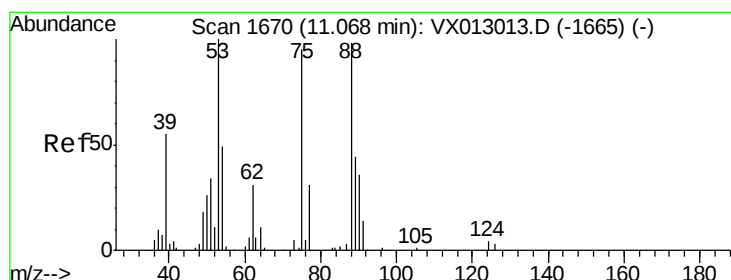
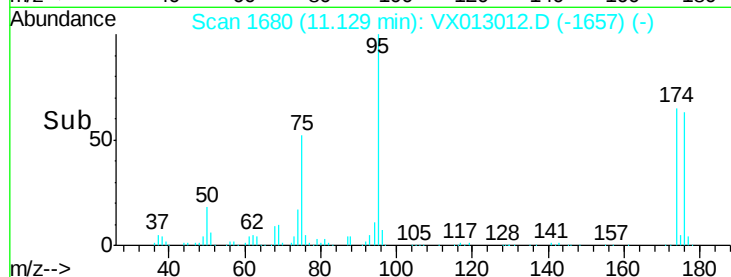
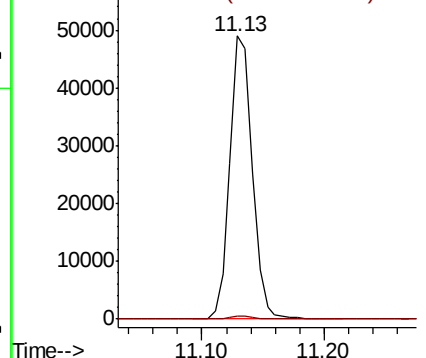
75 100

77 1.3 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 66.302 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013012.D

Acq: 11 Oct 2019 13:37

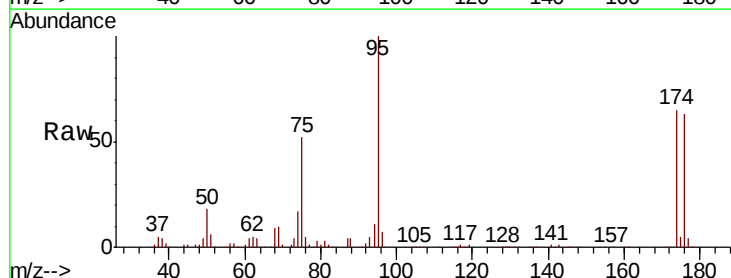
Tgt Ion: 75 Resp: 62217

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

