

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041320\
 Data File : VX015643.D
 Acq On : 13 Apr 2020 15:41
 Operator : JC/SP
 Sample : VX0413WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

Quant Time: Apr 13 17:24:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1092144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1703756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1648387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	885234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	689739	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
35) Dibromofluoromethane	5.47	113	534150	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.70	98	2066313	51.53	ug/l	0.00
Spiked Amount			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.12	95	869309	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	

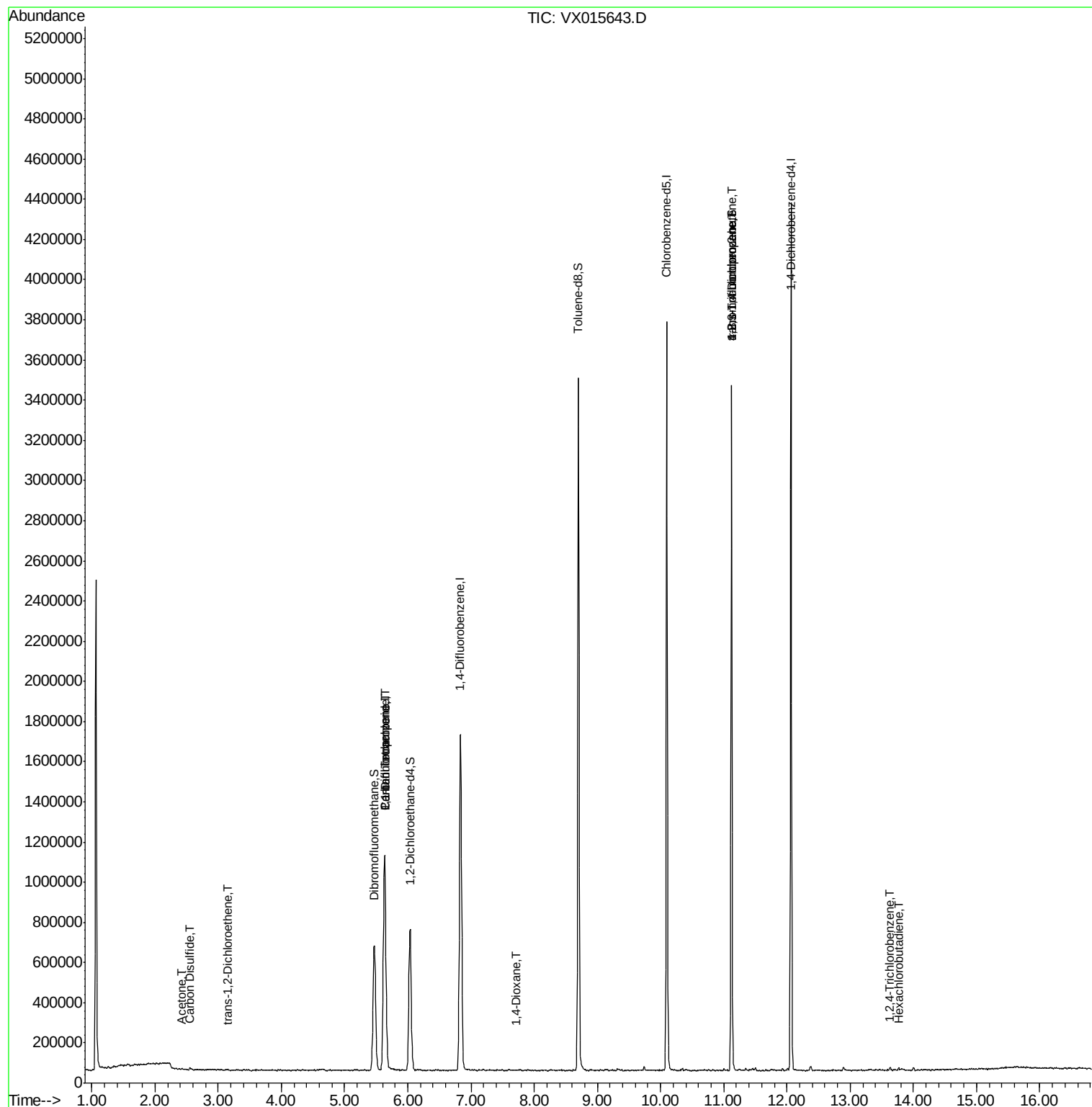
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1326	Below Cal	#	32
16) Acetone	2.42	43	2510	0.379	ug/l #	82
17) Carbon Disulfide	2.55	76	7989	0.254	ug/l #	85
21) trans-1,2-Dichloroethene	3.15	96	2759	0.241	ug/l #	36
36) 1,1-Dichloropropene	5.64	75	77864	4.960	ug/l #	52
38) Carbon Tetrachloride	5.64	117	101686	5.981	ug/l #	14
49) 1,4-Dioxane	7.72	88	164	0.510	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	443650	24.371	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	443650	58.477	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.63	180	4923	0.230	ug/l	92
94) Hexachlorobutadiene	13.77	225	2577	0.252	ug/l	94

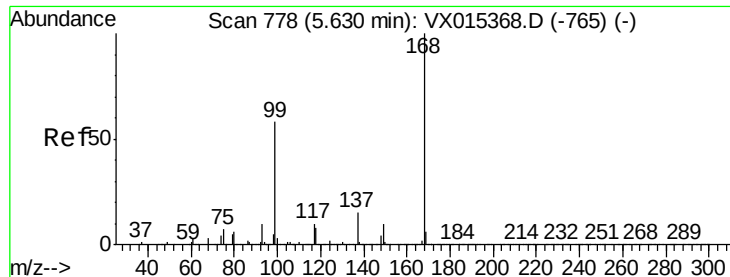
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041320\
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Acq On : 13 Apr 2020 15:41
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ClientSampleId :
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Quant Time: Apr 13 17:24:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

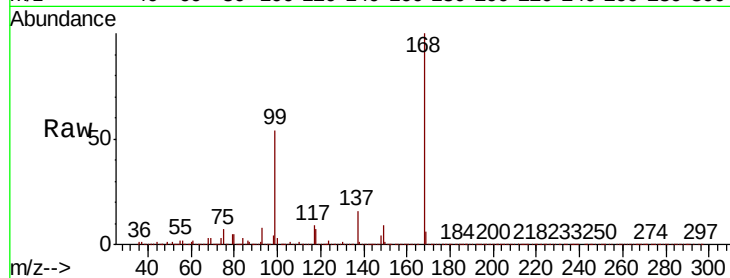
VX0413WBL01

Tot Ion:168 Resp: 1092144

Ion Ratio Lower Upper

168 100

99 53.4 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

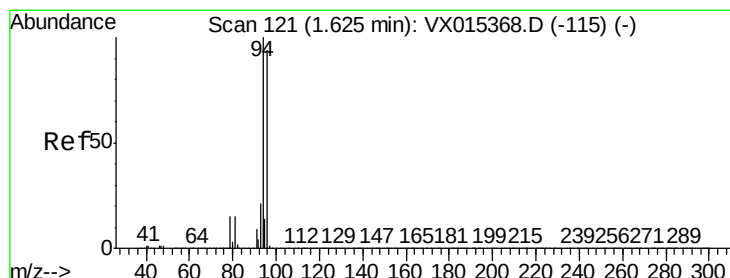
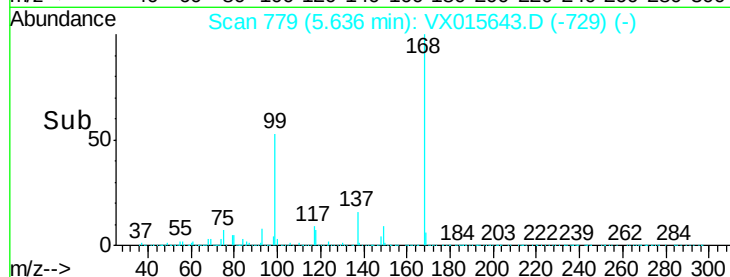
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015643.D

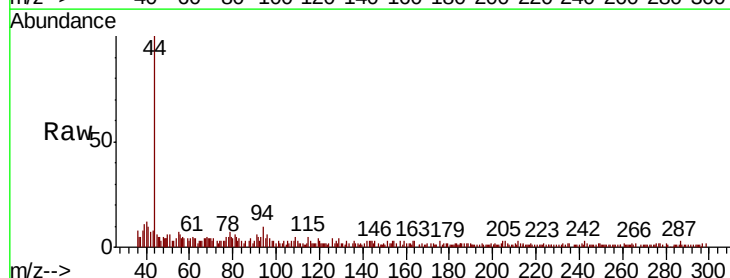
Acq: 13 Apr 2020 15:41

Tgt Ion: 94 Resp: 1326

Ion Ratio Lower Upper

94 100

96 28.4 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1200

1000

800

600

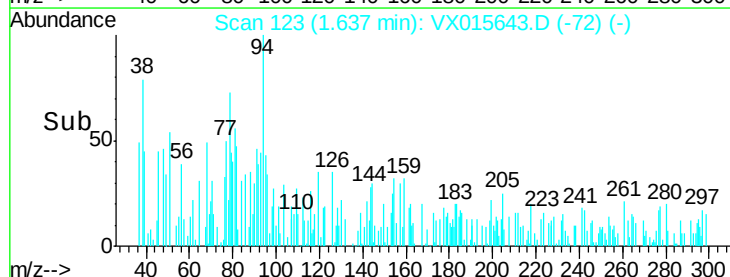
400

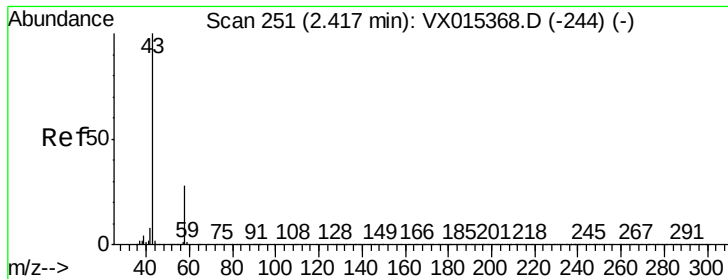
200

0

1.62 1.64 1.66 1.68

Time-->

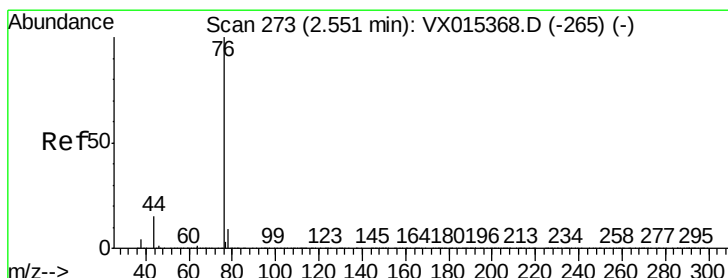
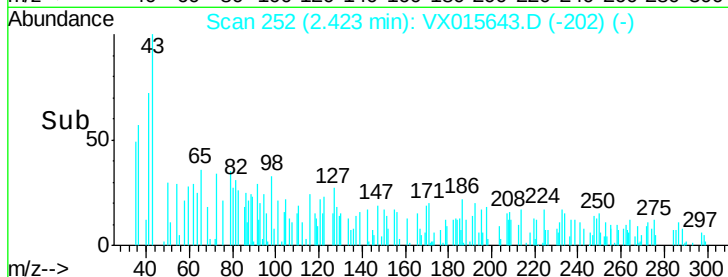
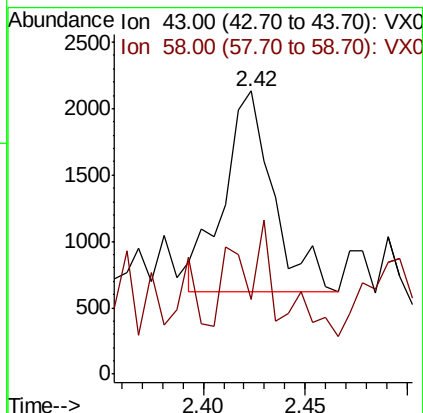
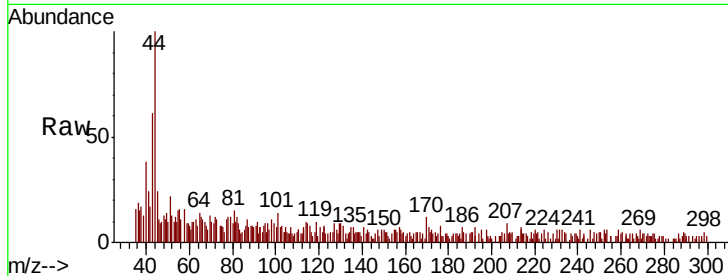




#16
Acetone
Concen: 0.379 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015643.D
Acq: 13 Apr 2020 15:41

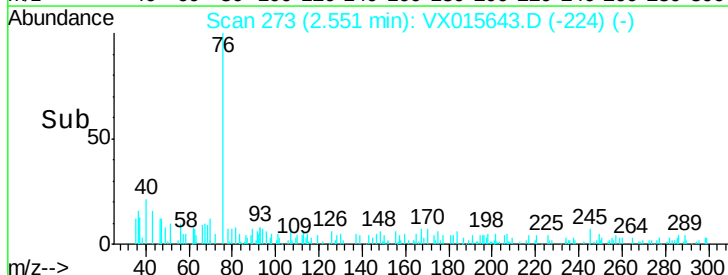
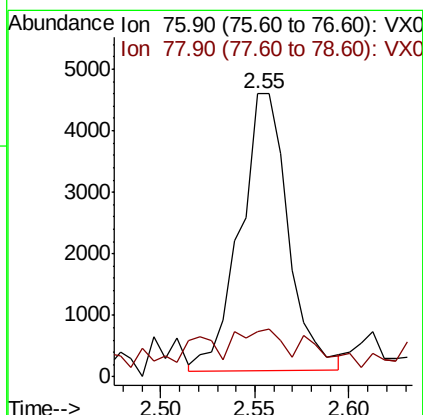
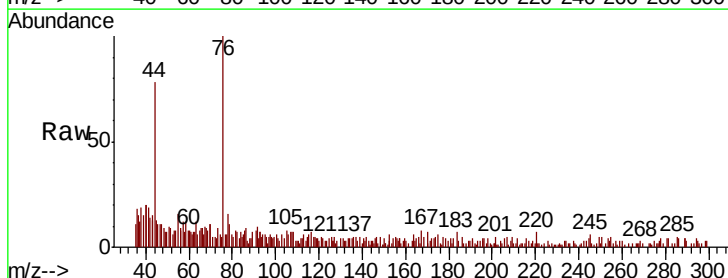
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

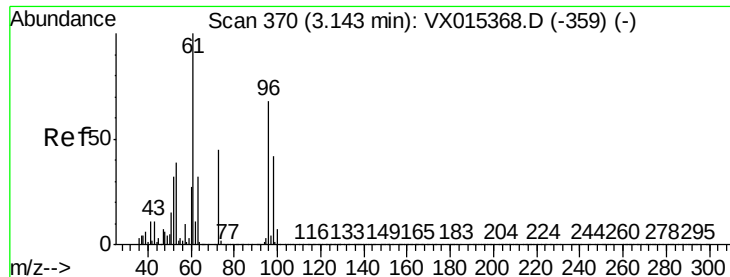
Tot Ion: 43 Resp: 2510
Ion Ratio Lower Upper
43 100
58 18.4 22.1 33.1#



#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015643.D
Acq: 13 Apr 2020 15:41

Tgt Ion: 76 Resp: 7989
Ion Ratio Lower Upper
76 100
78 3.4 7.1 10.7#





#21

trans-1,2-Dichloroethene

Concen: 0.241 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0413WBL01

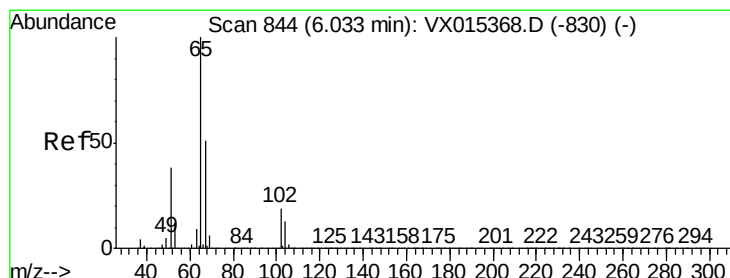
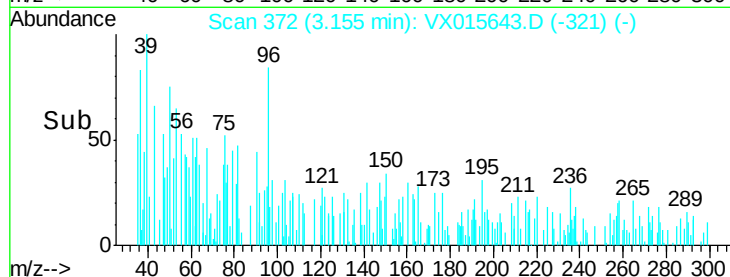
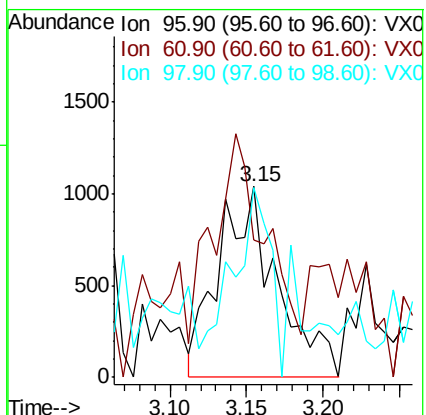
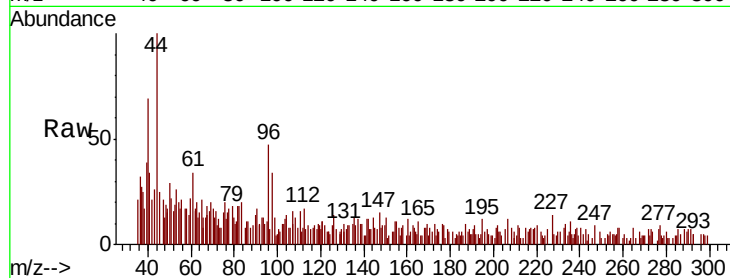
Tot Ion: 96 Resp: 2759

Ion Ratio Lower Upper

96 100

61 37.5 116.9 175.3#

98 67.0 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 44.778 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015643.D

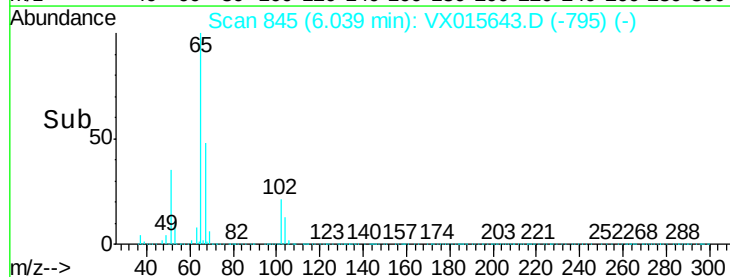
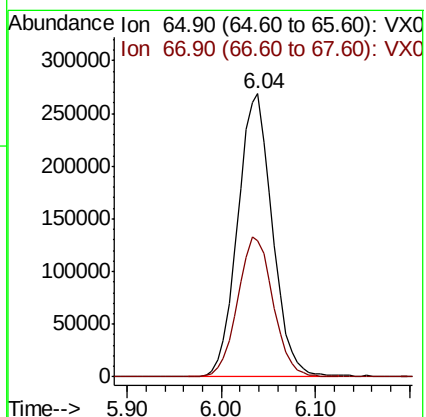
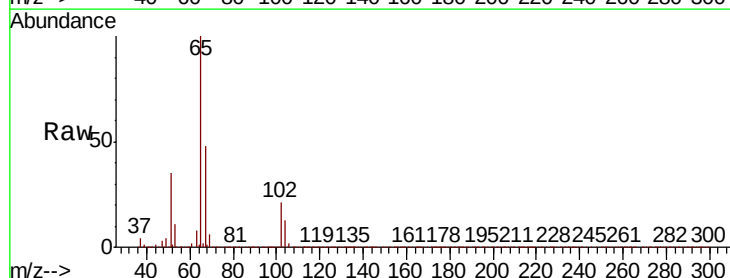
Acq: 13 Apr 2020 15:41

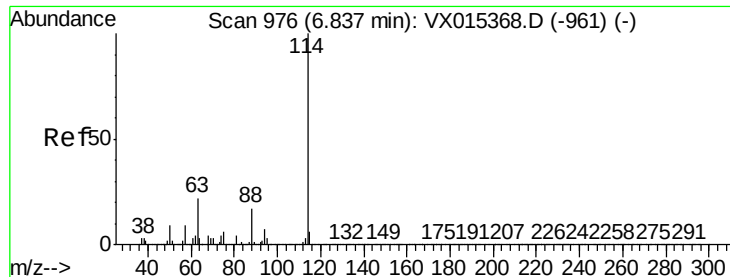
Tgt Ion: 65 Resp: 689739

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6

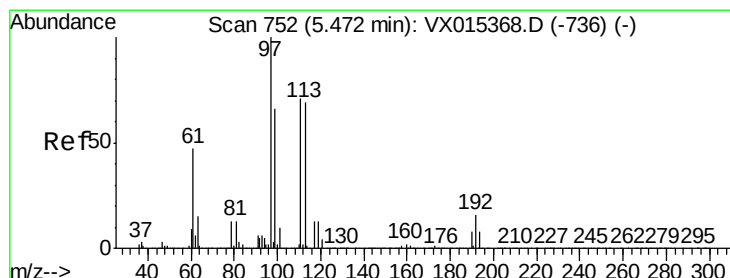
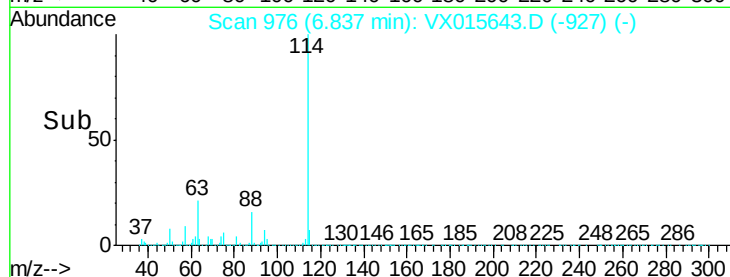
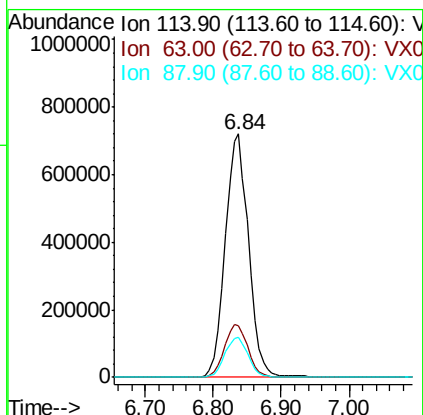
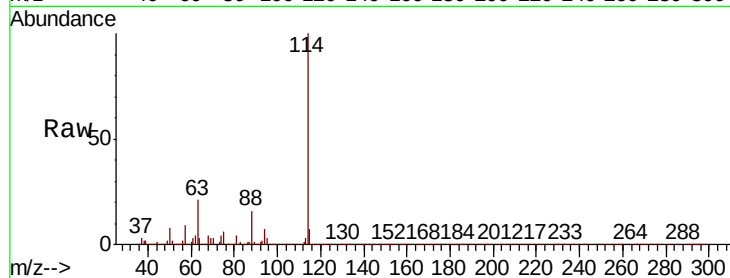




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: VX015643.D
Acq: 13 Apr 2020 15:41

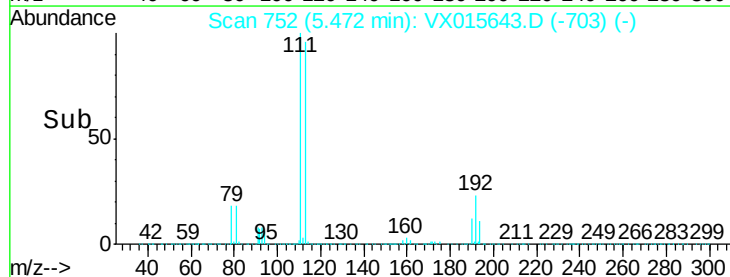
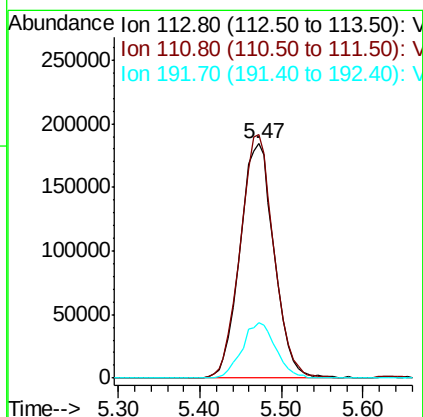
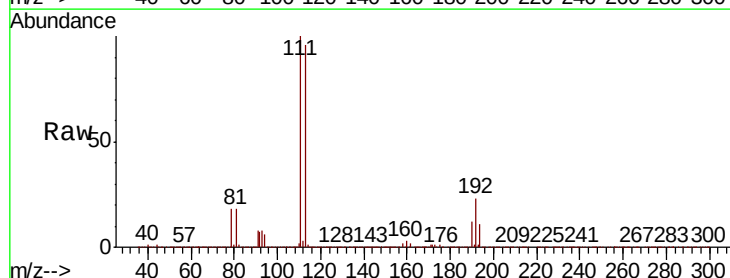
Instrument :
MSVOA_X
ClientSampleId :
VX0413WBL01

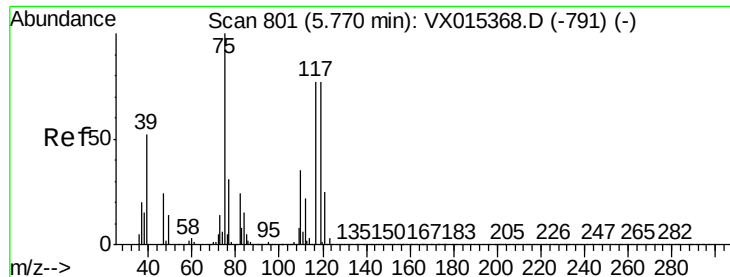
Tot Ion:114 Resp: 1703756
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.2
88 16.3 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.046 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015643.D
Acq: 13 Apr 2020 15:41

Tgt Ion:113 Resp: 534150
Ion Ratio Lower Upper
113 100
111 102.3 81.5 122.3
192 23.7 17.8 26.6





#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBL01

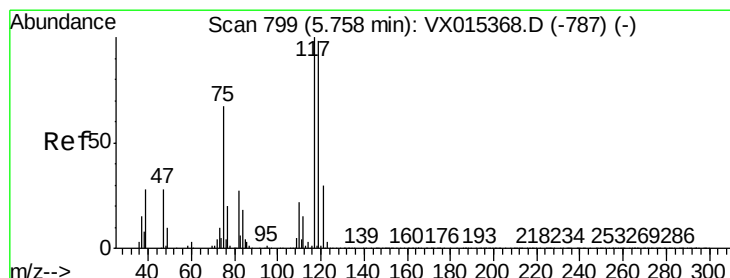
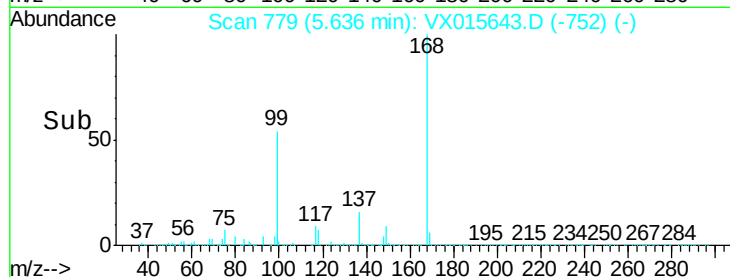
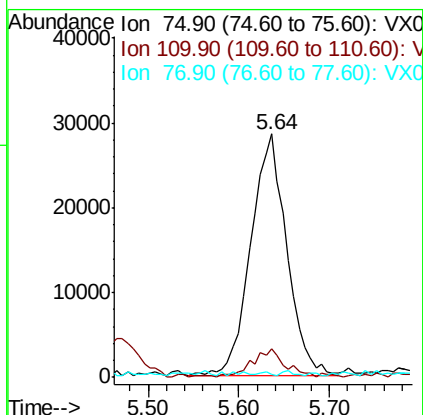
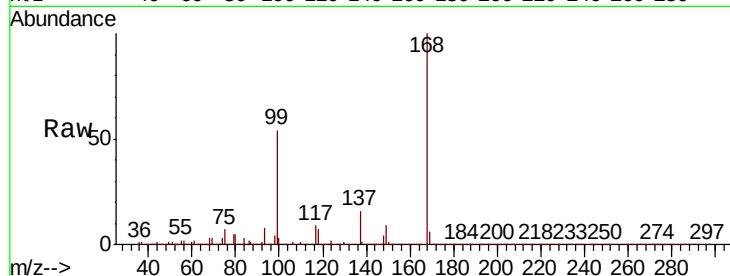
Tot Ion: 75 Resp: 77864

Ion Ratio Lower Upper

75 100

110 10.8 17.1 51.3#

77 0.5 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.981 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

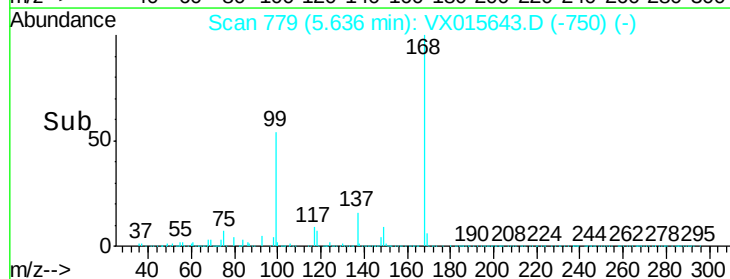
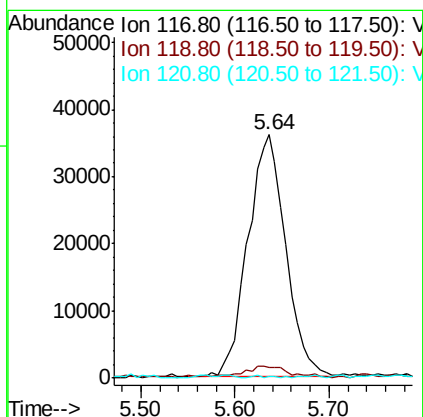
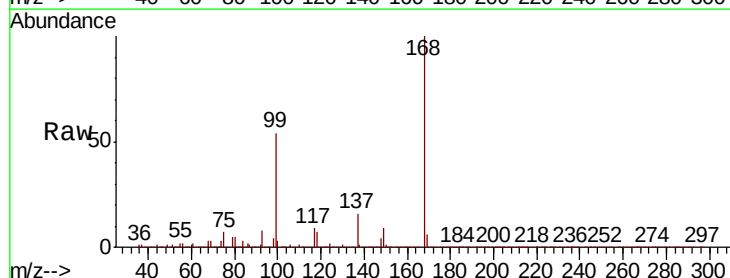
Tgt Ion: 117 Resp: 101686

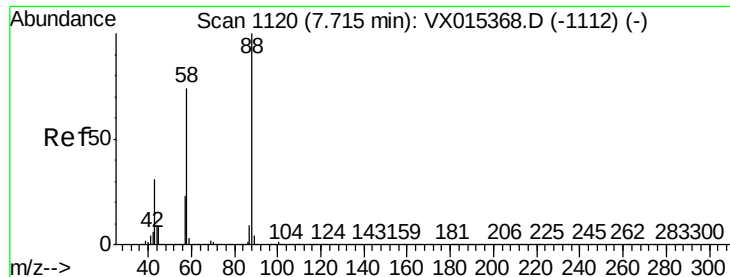
Ion Ratio Lower Upper

117 100

119 3.3 78.0 117.0#

121 0.5 23.8 35.8#





#49

1,4-Dioxane

Concen: 0.510 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBL01

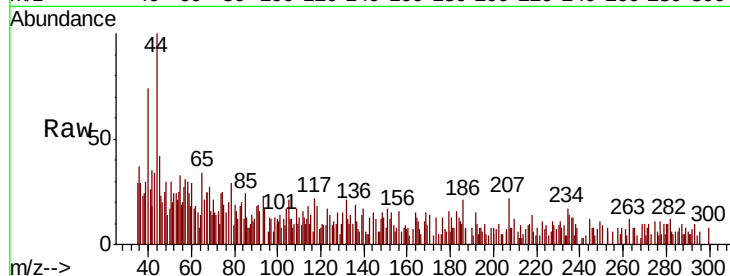
Tot Ion: 88 Resp: 164

Ion Ratio Lower Upper

88 100

43 494.5 30.1 45.1#

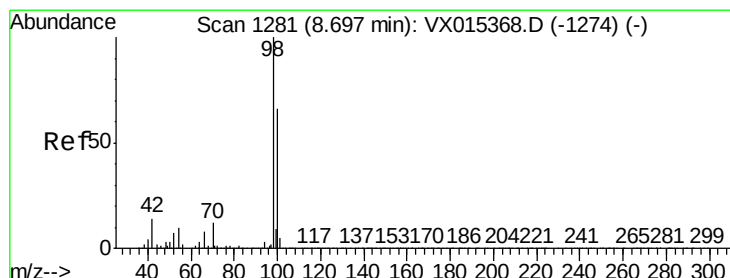
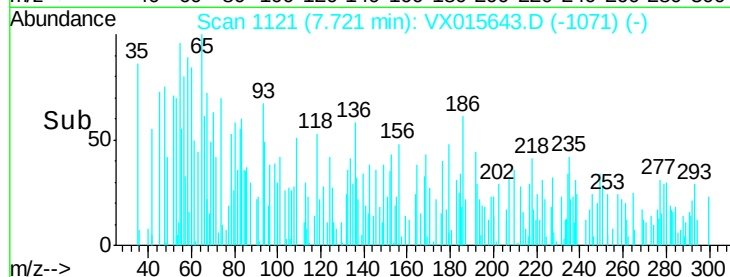
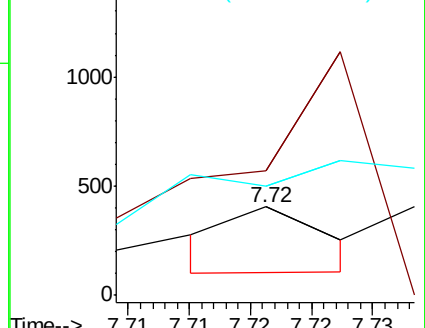
58 288.4 60.6 90.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.532 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015643.D

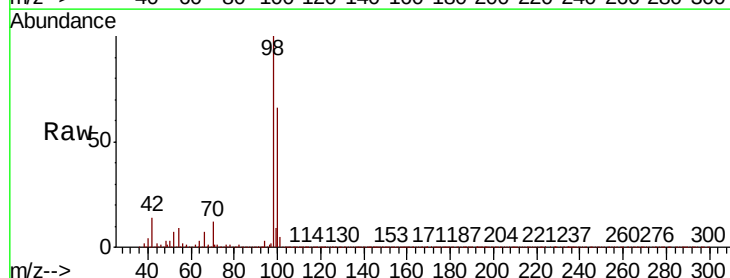
Acq: 13 Apr 2020 15:41

Tgt Ion: 98 Resp: 2066313

Ion Ratio Lower Upper

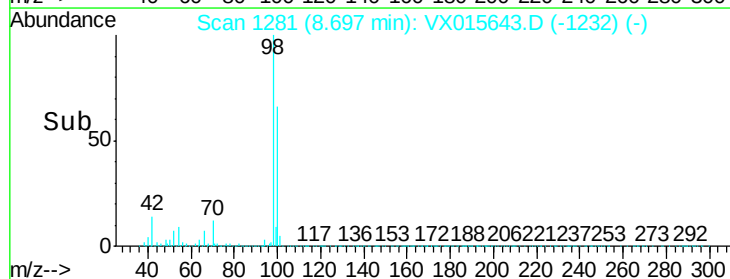
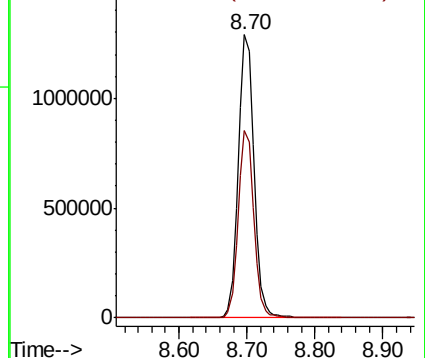
98 100

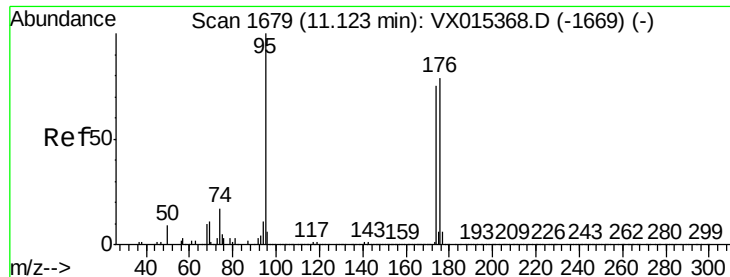
100 65.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.346 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBL01

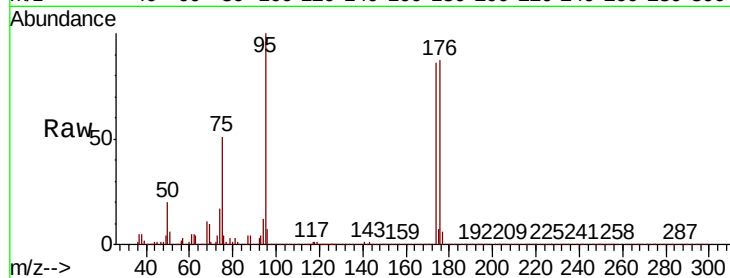
Tot Ion: 95 Resp: 869309

Ion Ratio Lower Upper

95 100

174 86.1 0.0 158.6

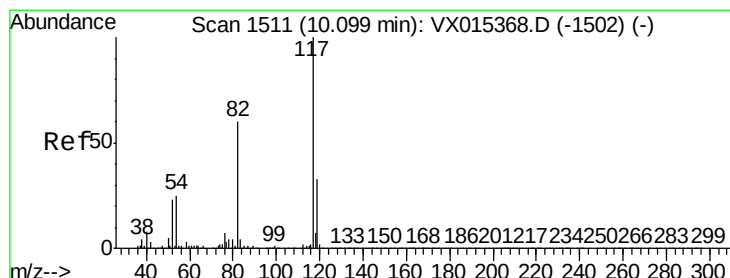
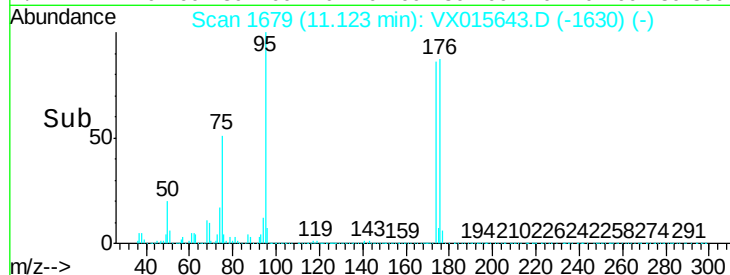
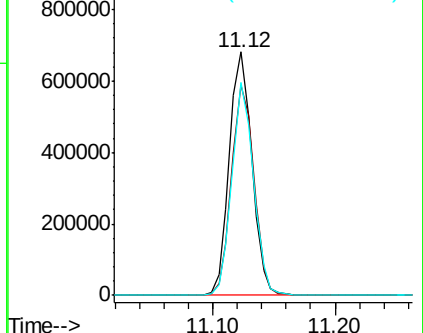
176 83.2 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

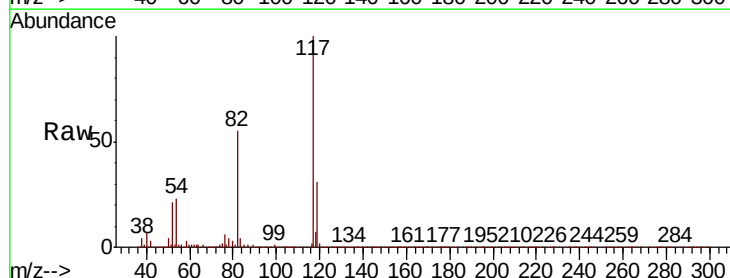
Tgt Ion: 117 Resp: 1648387

Ion Ratio Lower Upper

117 100

82 54.8 47.8 71.8

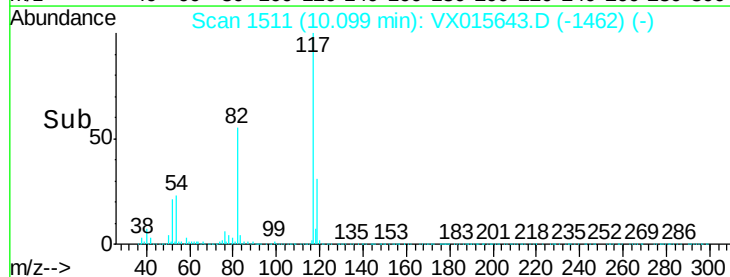
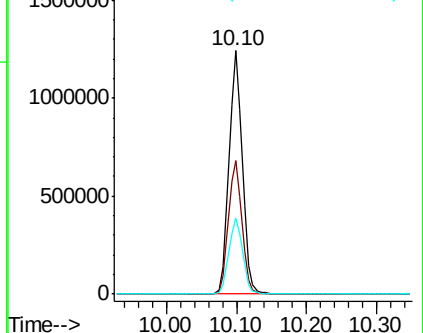
119 31.4 26.8 40.2

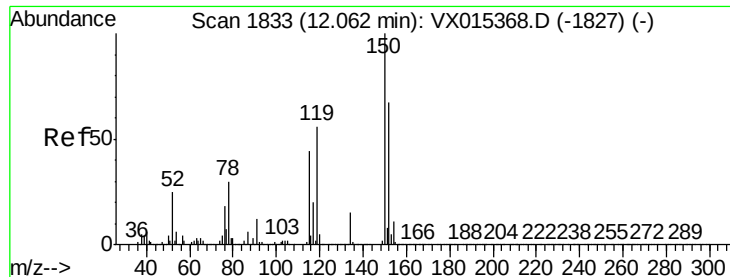


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

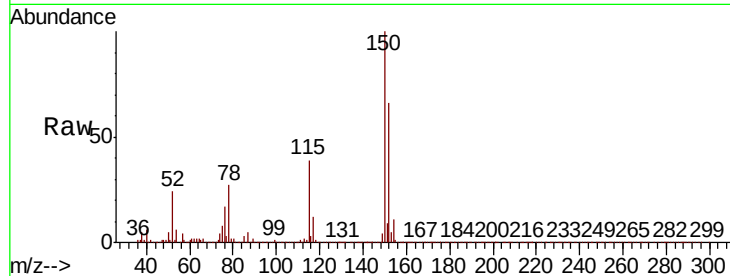




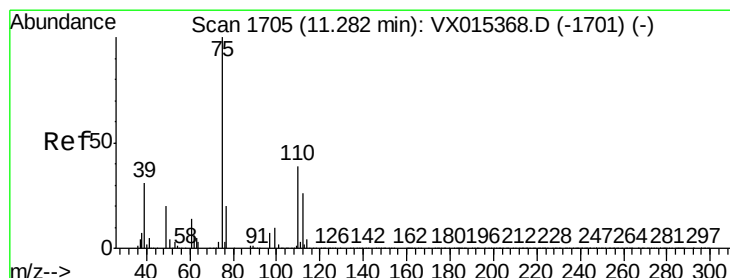
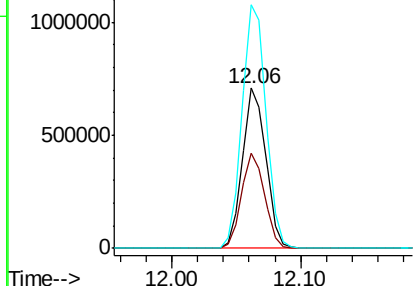
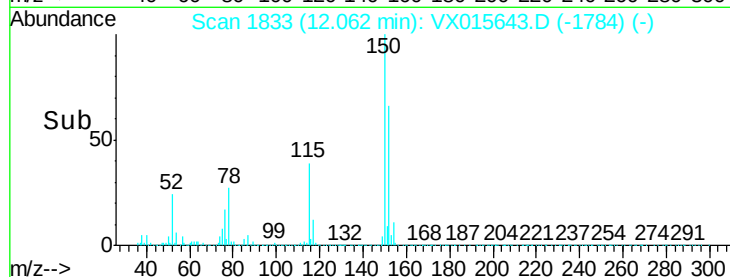
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015643.D
 Acq: 13 Apr 2020 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413WBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	39.0	116.9
150	155.8	0.0	340.8

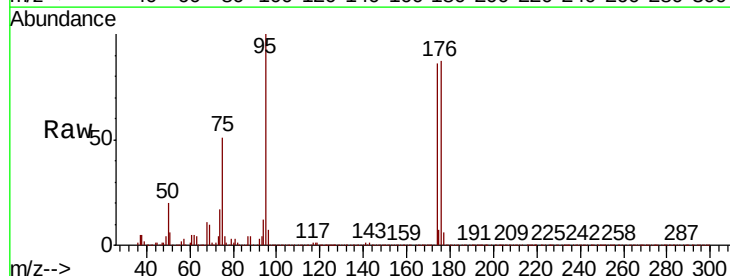


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

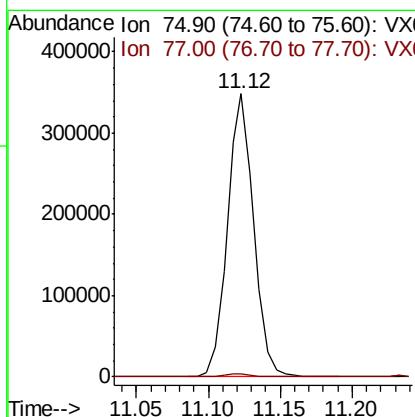
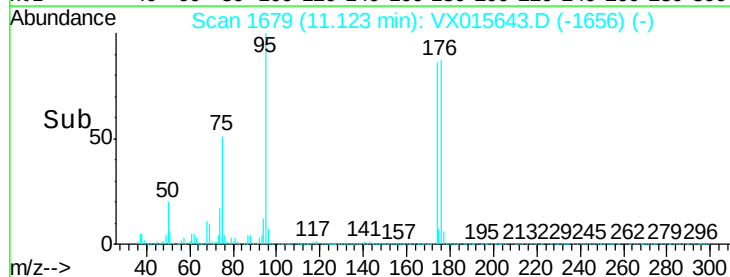


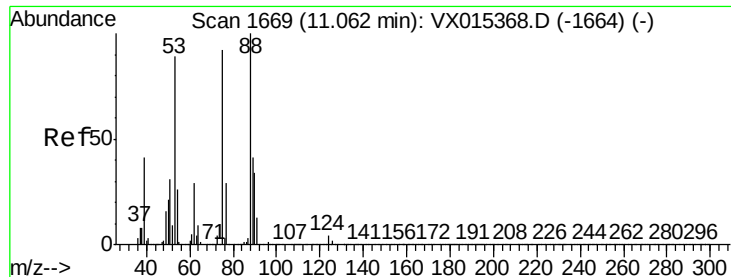
#76
 1,2,3-Trichloropropane
 Concen: 24.371 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015643.D
 Acq: 13 Apr 2020 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.2	63.6



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: 58.477 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBL01

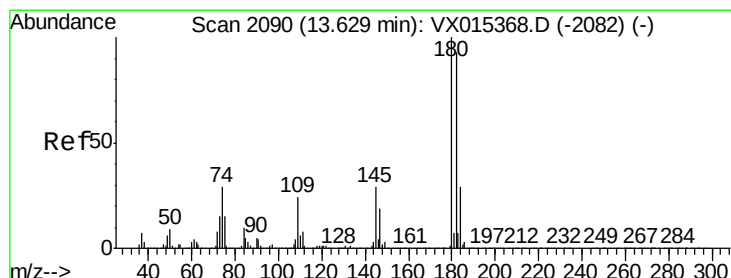
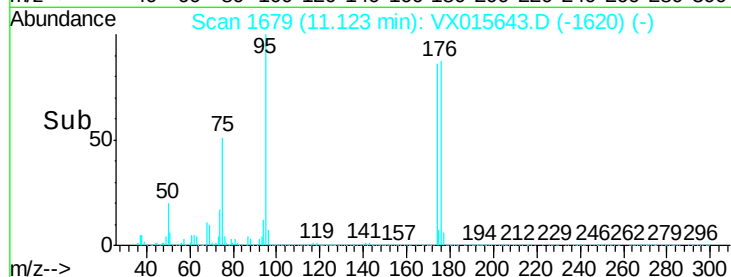
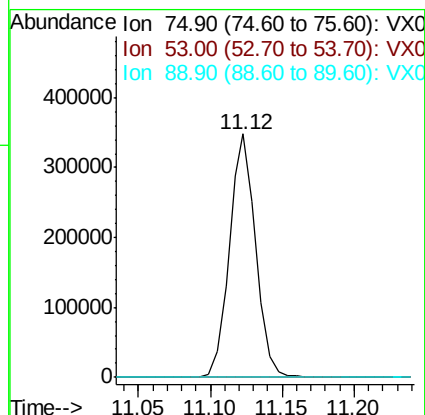
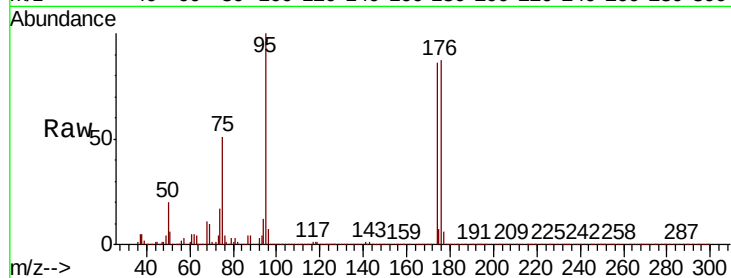
Tot Ion: 75 Resp: 443650

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.1 36.1 54.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.230 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. -0.00 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

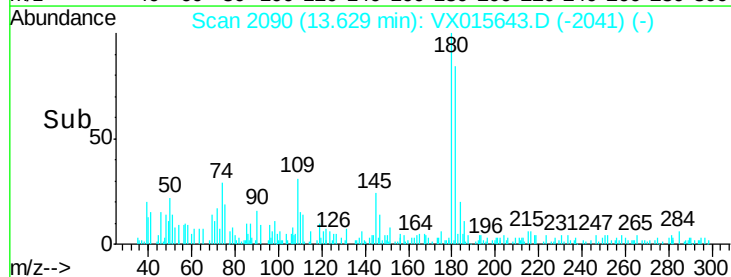
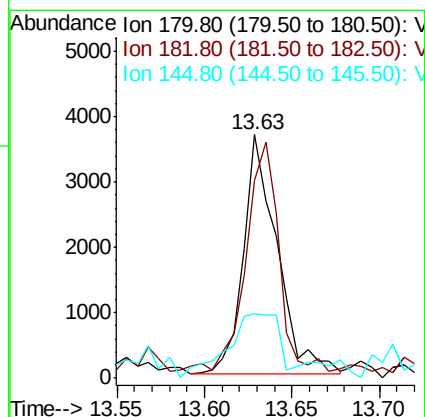
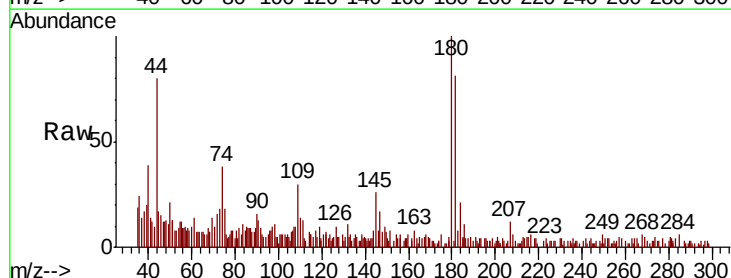
Tgt Ion: 180 Resp: 4923

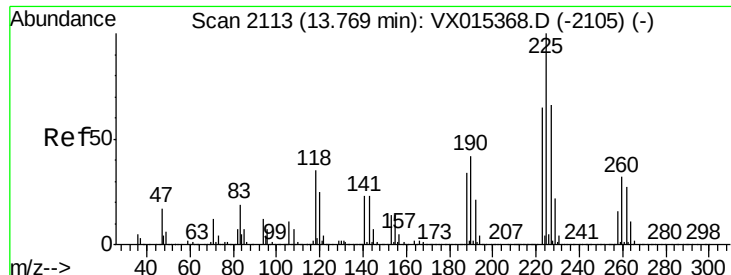
Ion Ratio Lower Upper

180 100

182 90.8 46.9 140.7

145 42.2 14.9 44.5





#94

Hexachlorobutadiene

Concen: 0.252 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VX015643.D

Acq: 13 Apr 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0413WBL01

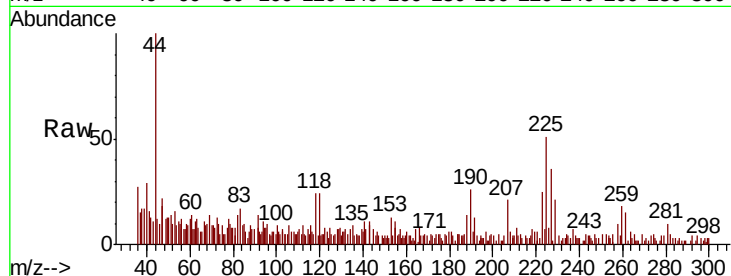
Tot Ion: 225 Resp: 2577

Ion Ratio Lower Upper

225 100

223 66.5 31.9 95.7

227 68.0 30.4 91.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

