

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015734.D
 Acq On : 17 Apr 2020 13:46
 Operator : JC/SP
 Sample : VX0417MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:12:22 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	5.63	168	1035796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1584267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1525577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	840707	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	626315	42.87	ug/l	0.00
Spiked Amount			Recovery	=	85.74%	
35) Dibromofluoromethane	5.47	113	485436	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
50) Toluene-d8	8.70	98	1913623	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.12	95	797666	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	

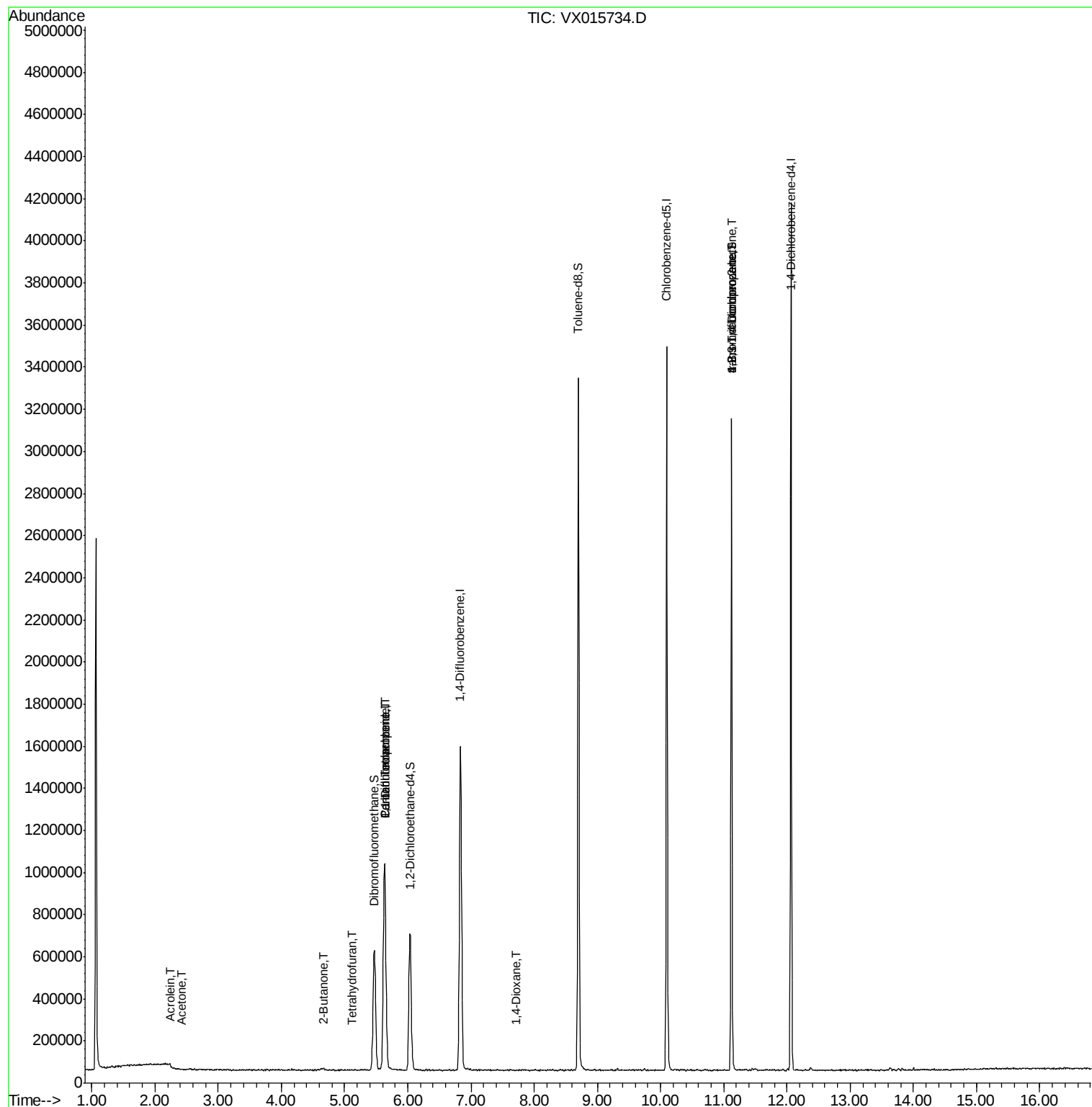
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	846	Below Cal	#	31
13) Acrolein	2.25	56	953	0.478	ug/l #	39
16) Acetone	2.42	43	6228	0.992	ug/l #	75
25) 2-Butanone	4.67	43	2463	0.244	ug/l	92
29) Tetrahydrofuran	5.12	42	1317	0.203	ug/l #	90
36) 1,1-Dichloropropene	5.63	75	73339	5.024	ug/l #	53
38) Carbon Tetrachloride	5.63	117	94702	5.990	ug/l #	15
49) 1,4-Dioxane	7.72	88	351	1.174	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	396954	22.961	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	396954	55.093	ug/l #	10

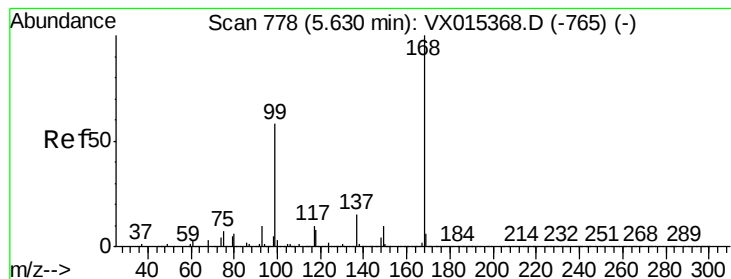
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015734.D
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Operator : JC/SP
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Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 01:12:22 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: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

Instrument :

MSVOA_X

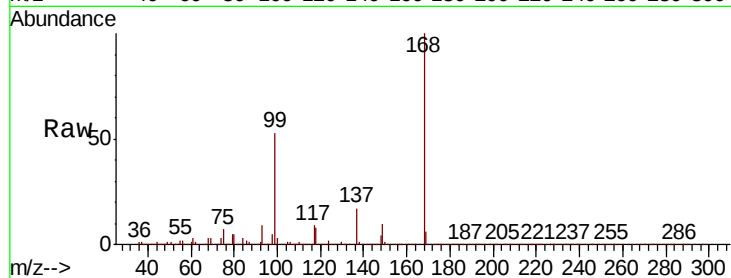
ClientSampleId :

Tot Ion:168 Resp: 1035796

Ion Ratio Lower Upper

168 100

99 52.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

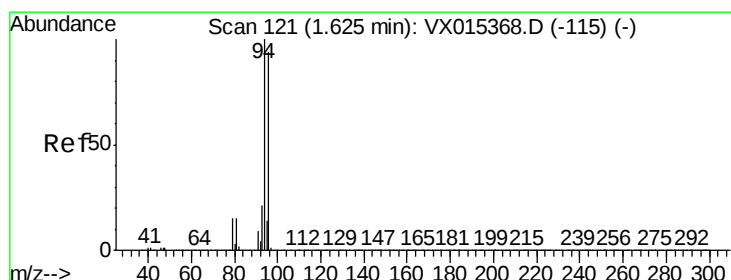
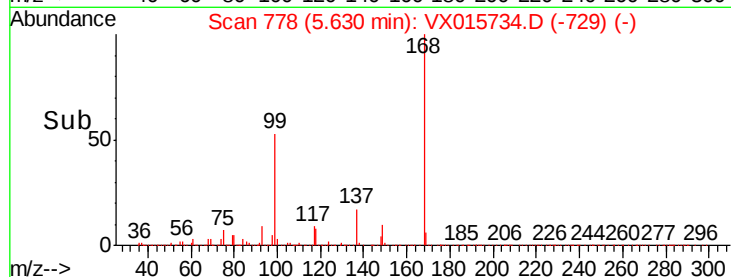
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX015734.D

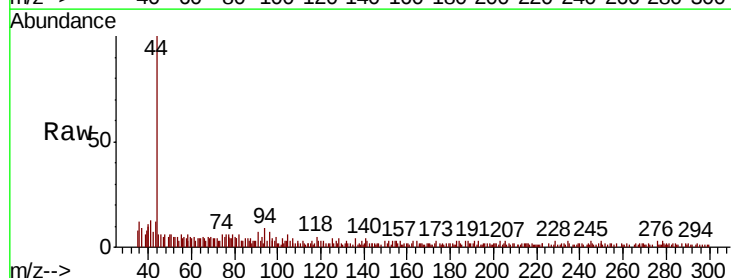
Acq: 17 Apr 2020 13:46

Tgt Ion: 94 Resp: 846

Ion Ratio Lower Upper

94 100

96 27.1 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

1000

800

600

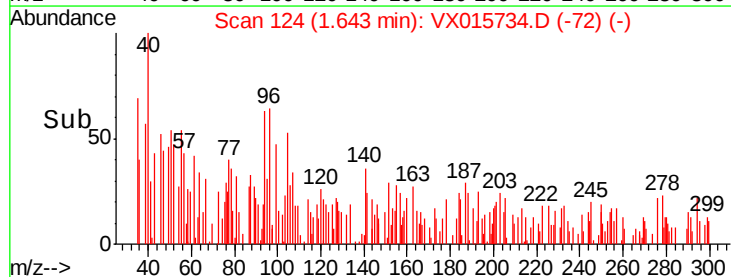
400

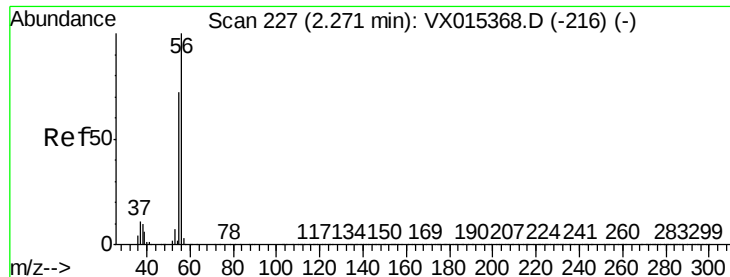
200

0

Time-->

1.60 1.62 1.64 1.66

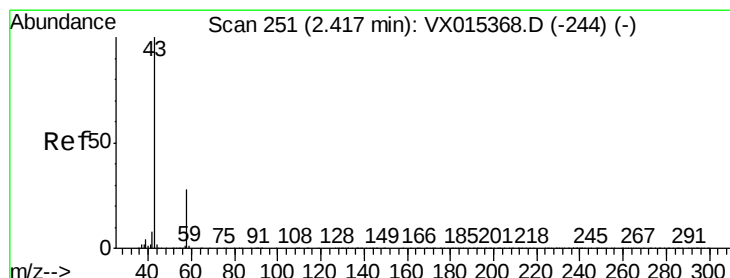
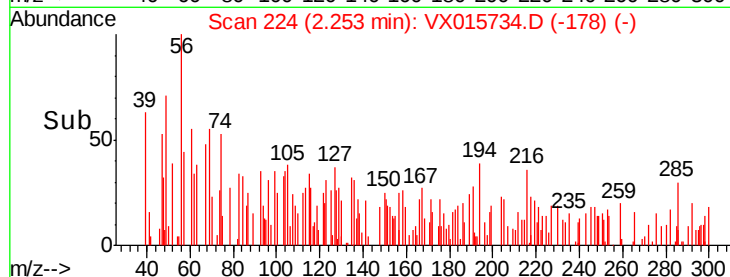
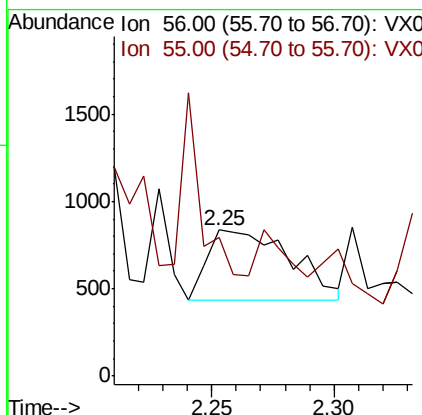
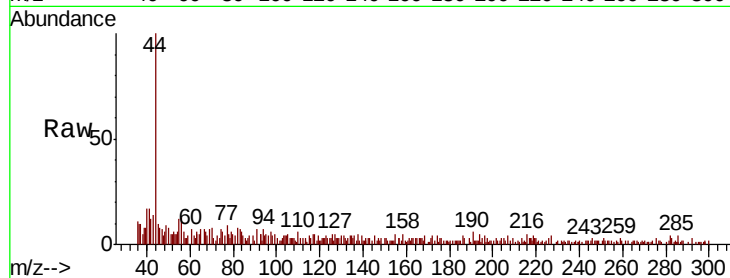




#13
Acrolein
Concen: 0.478 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.02 min
Lab File: VX015734.D
Acq: 17 Apr 2020 13:46

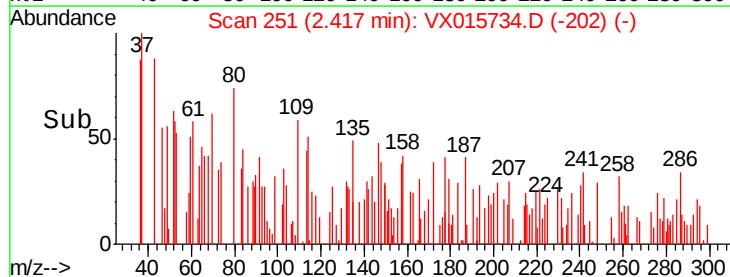
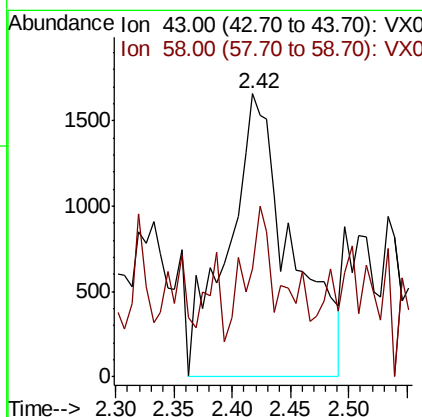
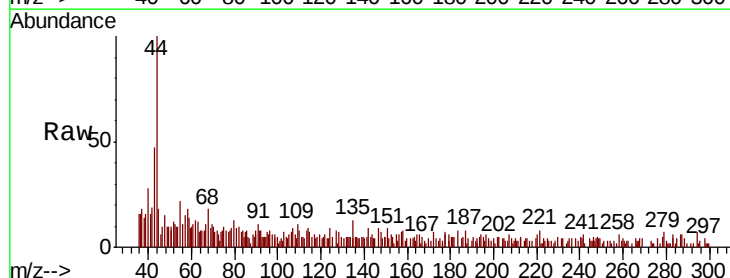
Instrument :
MSVOA_X
ClientSampled :

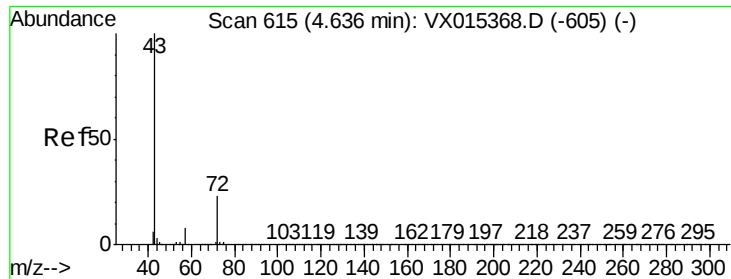
Tot Ion: 56 Resp: 953
Ion Ratio Lower Upper
56 100
55 20.6 57.0 85.4#



#16
Acetone
Concen: 0.992 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015734.D
Acq: 17 Apr 2020 13:46

Tgt Ion: 43 Resp: 6228
Ion Ratio Lower Upper
43 100
58 14.6 22.1 33.1#





#25

2-Butanone

Concen: 0.244 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.03 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

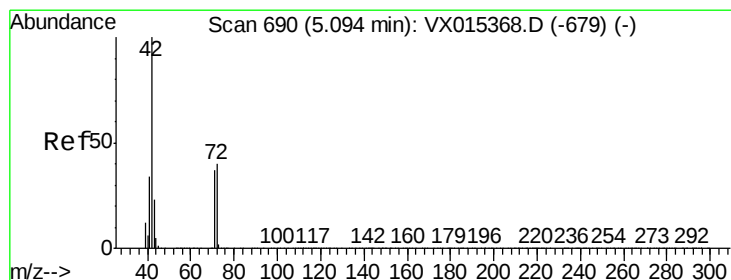
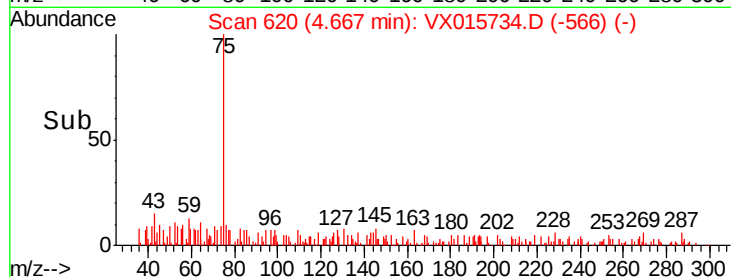
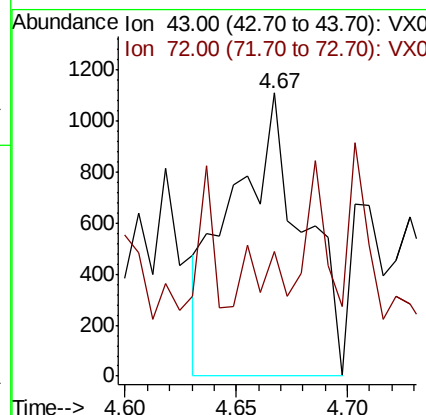
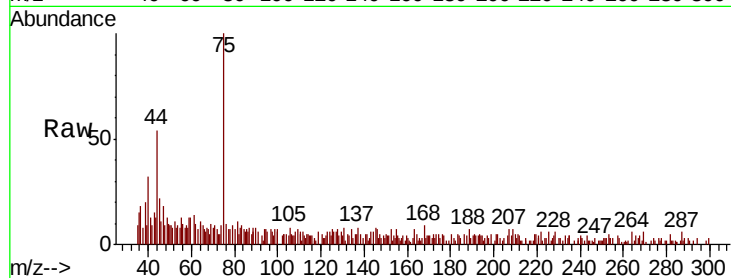
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2463

Ion Ratio Lower Upper

43 100

72 19.5 19.0 28.4



#29

Tetrahydrofuran

Concen: 0.203 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.02 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

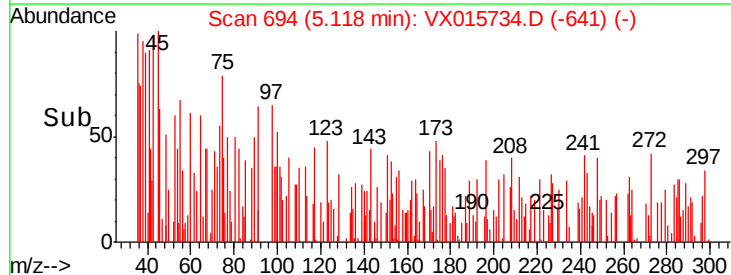
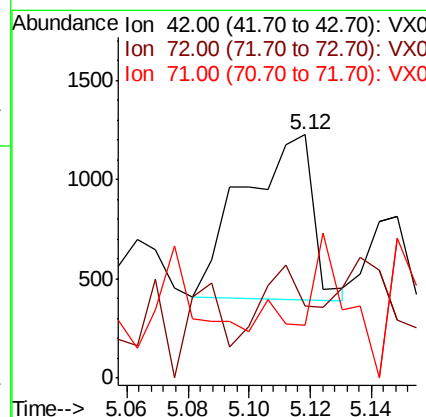
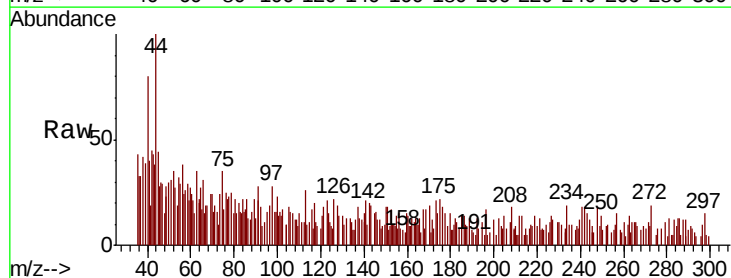
Tgt Ion: 42 Resp: 1317

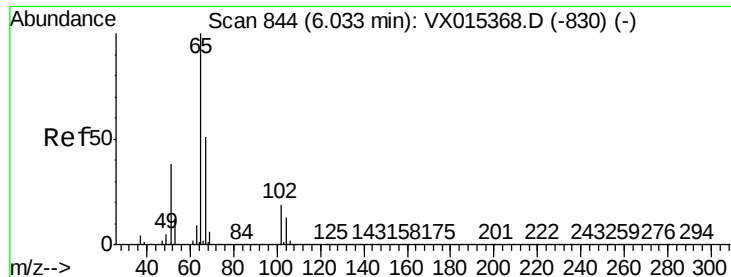
Ion Ratio Lower Upper

42 100

72 41.2 31.7 47.5

71 47.1 29.6 44.4#





#33

1,2-Dichloroethane-d4

Concen: 42.873 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

Instrument :

MSVOA_X

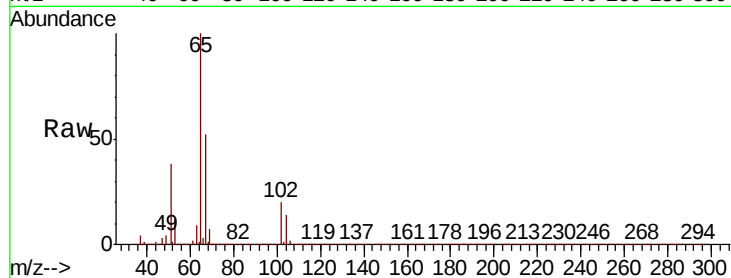
ClientSampleId :

Tot Ion: 65 Resp: 626315

Ion Ratio Lower Upper

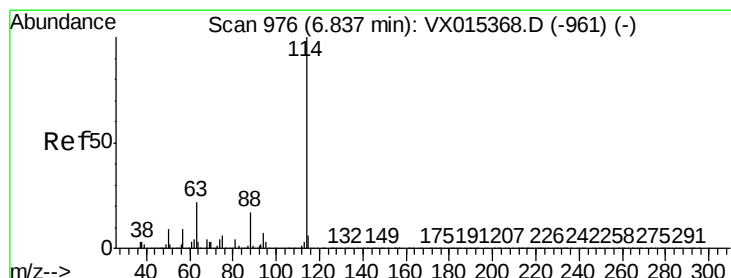
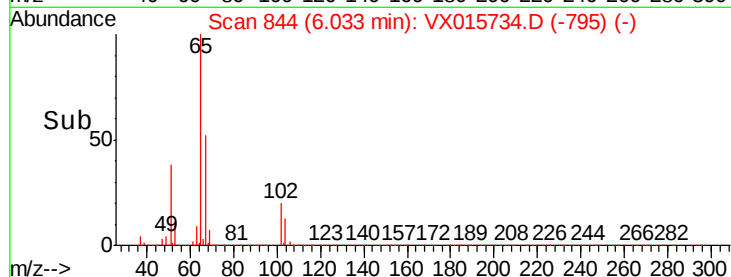
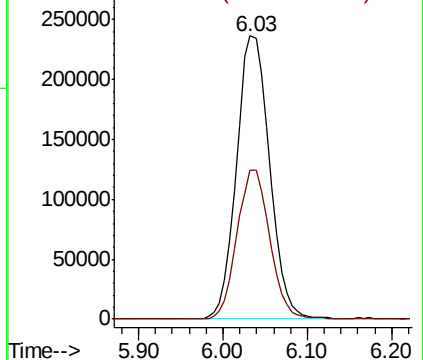
65 100

67 51.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

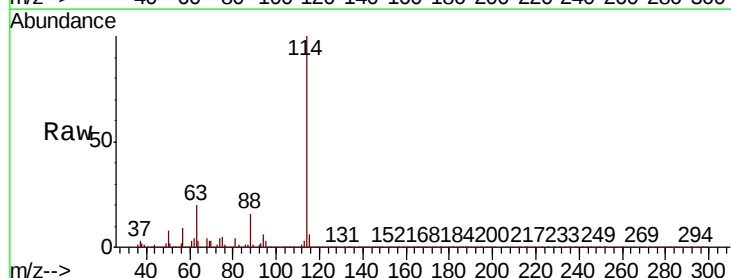
Tgt Ion: 114 Resp: 1584267

Ion Ratio Lower Upper

114 100

63 20.3 0.0 44.2

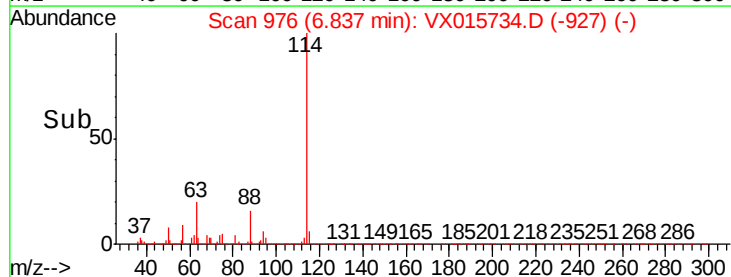
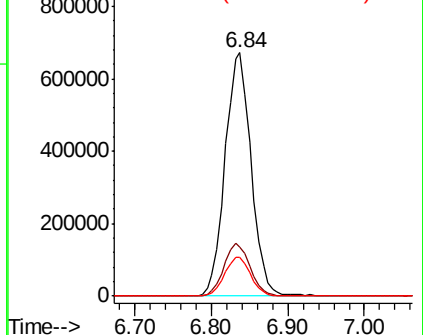
88 15.8 0.0 33.8

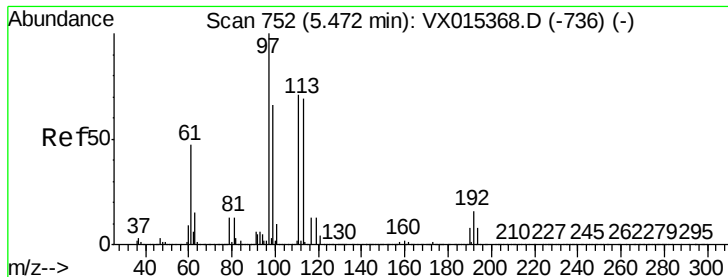


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

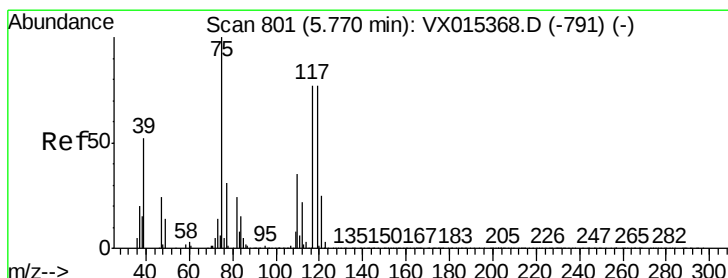
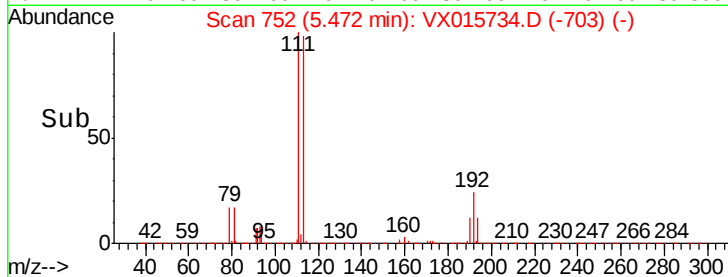
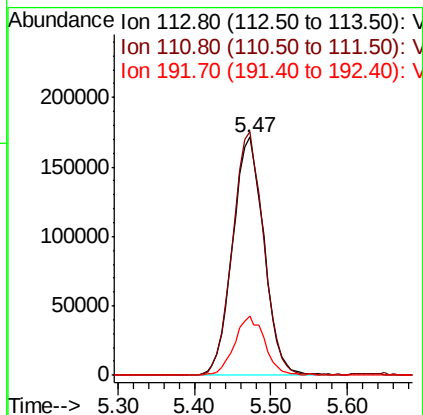
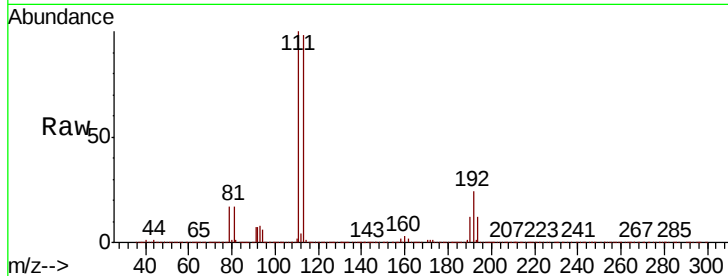




#35
 Dibromofluoromethane
 Concen: 47.935 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015734.D
 Acq: 17 Apr 2020 13:46

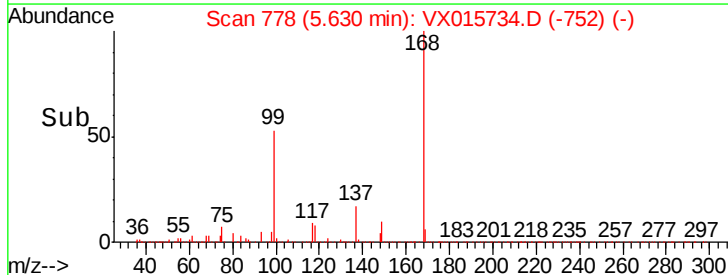
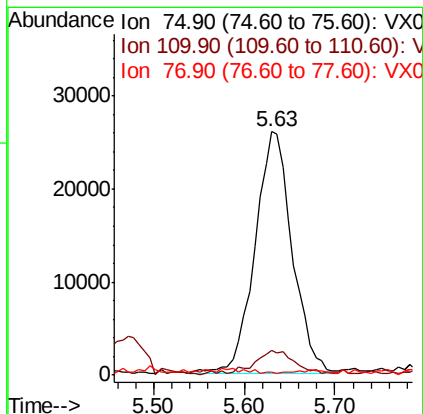
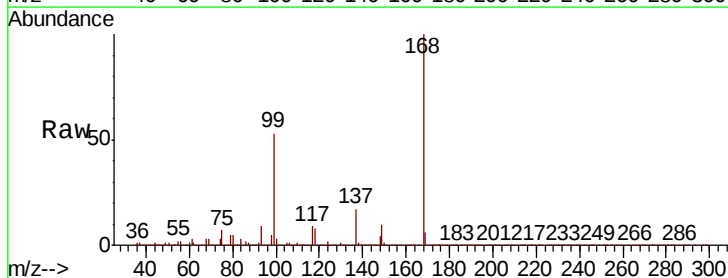
Instrument :
 MSVOA_X
 ClientSampleId :

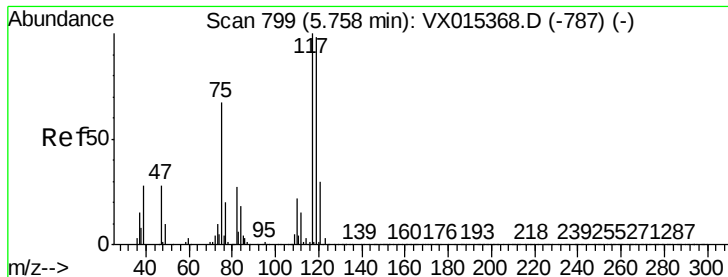
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.5	122.3
192	23.7	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 5.024 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015734.D
 Acq: 17 Apr 2020 13:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.5	17.1	51.3#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.990 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

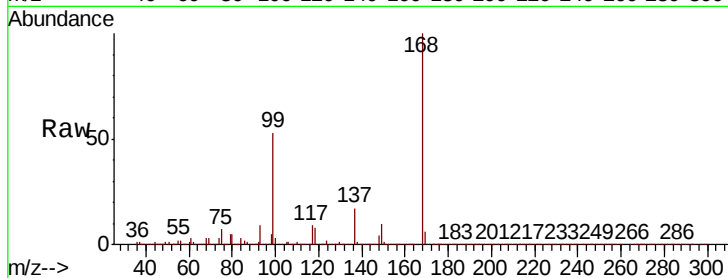
Tot Ion:117 Resp: 94702

Ion Ratio Lower Upper

117 100

119 4.6 78.0 117.0#

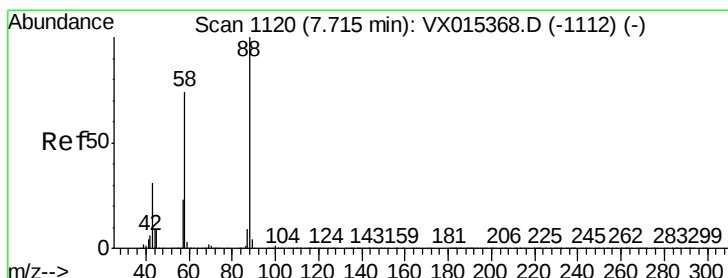
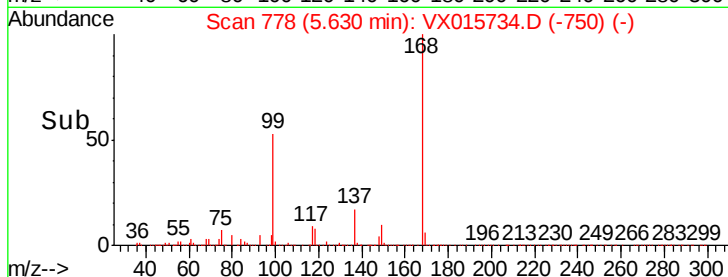
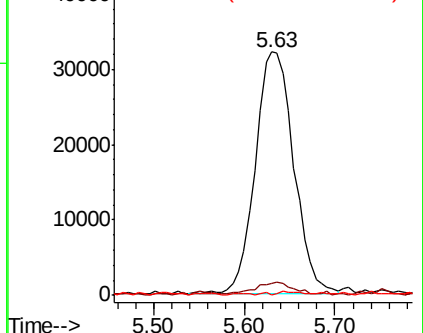
121 0.0 23.8 35.8#



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



#49

1,4-Dioxane

Concen: 1.174 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

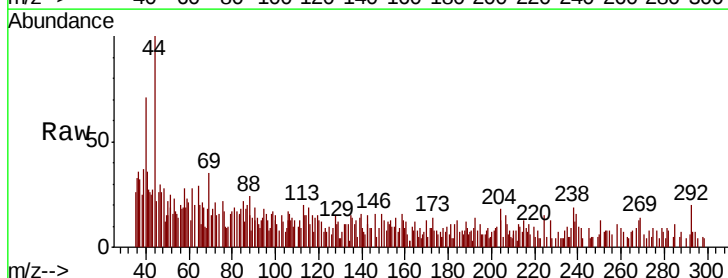
Tgt Ion: 88 Resp: 351

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

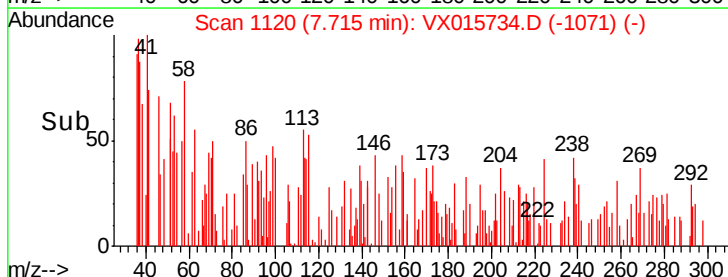
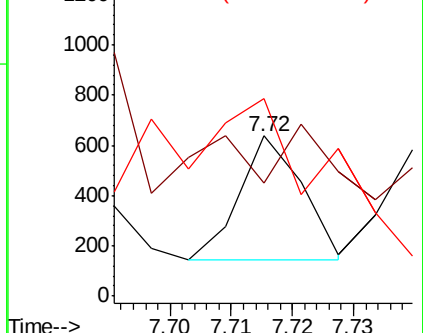
58 367.0 60.6 90.8#

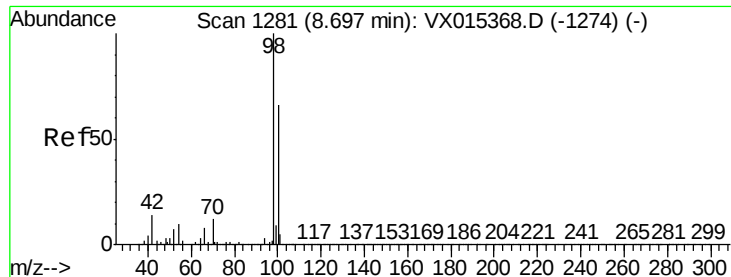


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

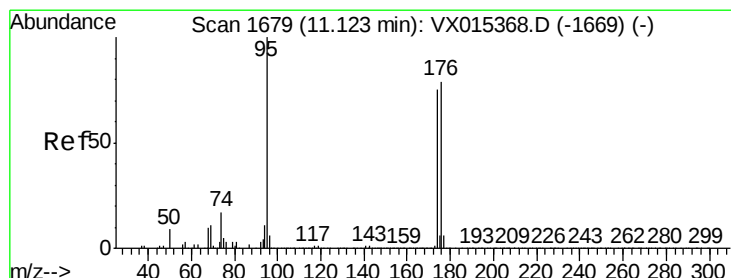
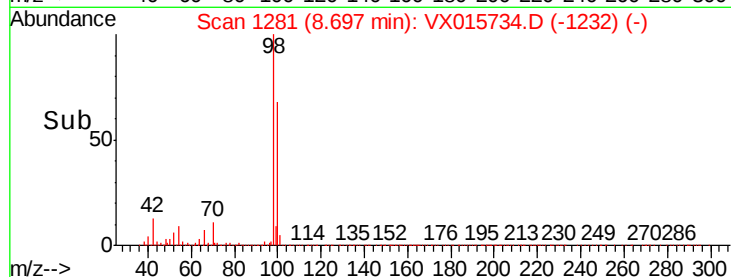
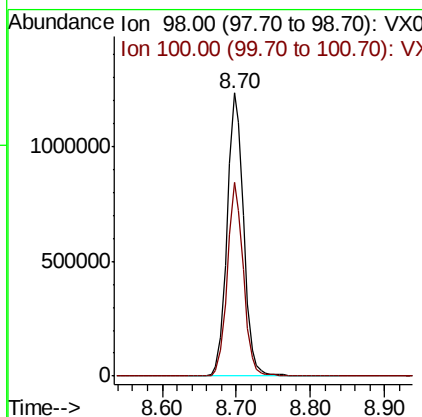
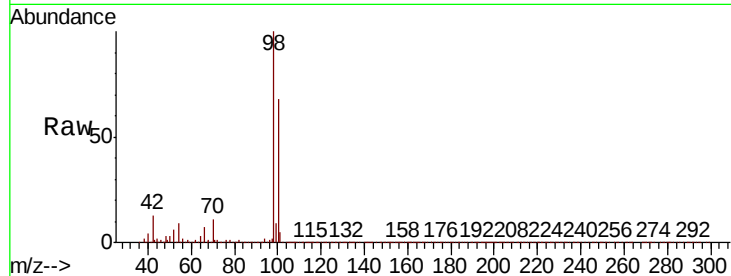




#50
Toluene-d8
Concen: 51.324 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015734.D
Acq: 17 Apr 2020 13:46

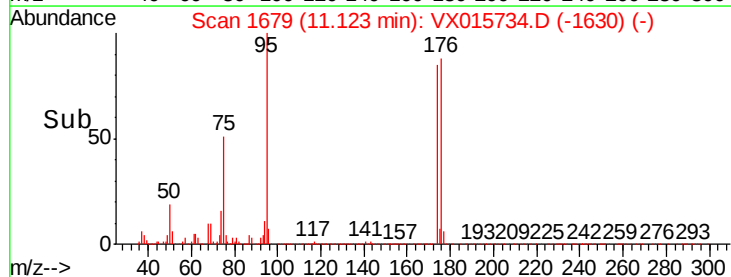
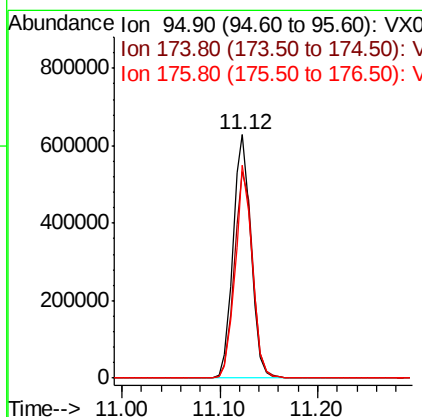
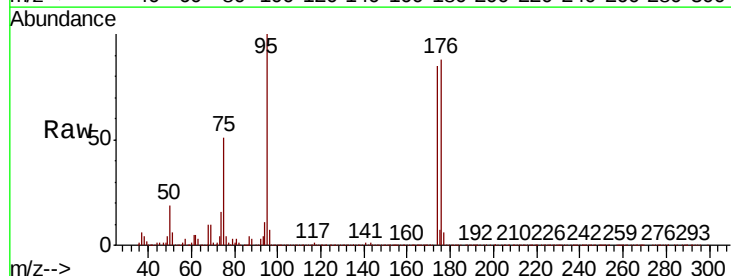
Instrument :
MSVOA_X
ClientSampled :

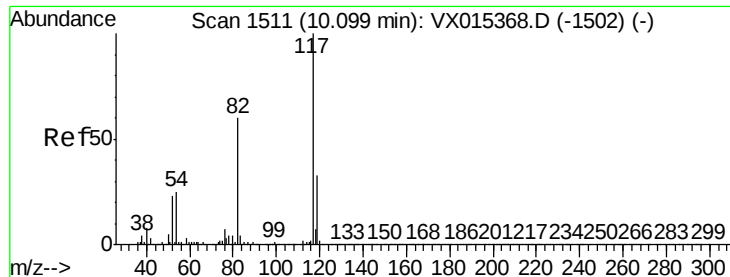
Tot Ion: 98 Resp: 1913623
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.642 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015734.D
Acq: 17 Apr 2020 13:46

Tgt Ion: 95 Resp: 797666
Ion Ratio Lower Upper
95 100
174 87.2 0.0 158.6
176 83.0 0.0 159.0

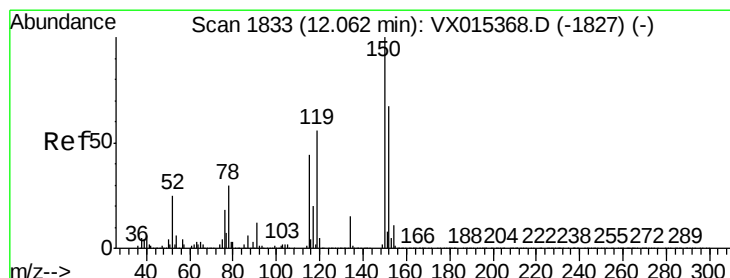
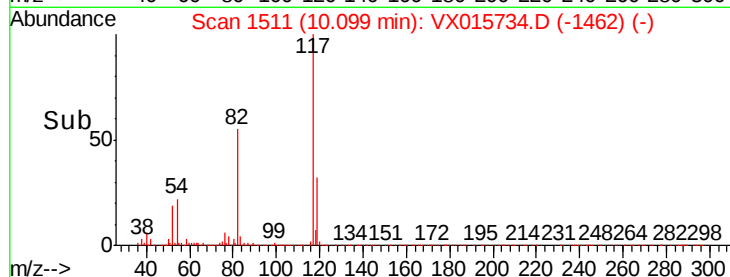
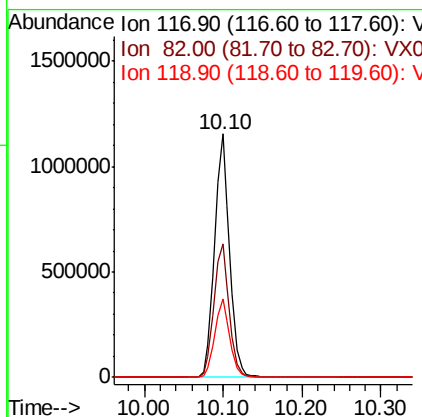
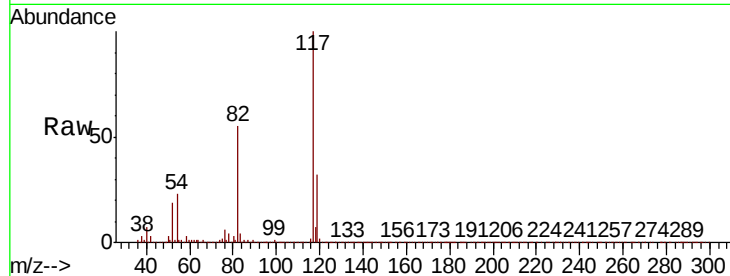




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015734.D
Acq: 17 Apr 2020 13:46

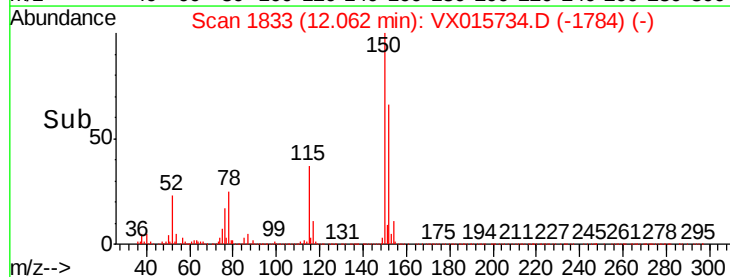
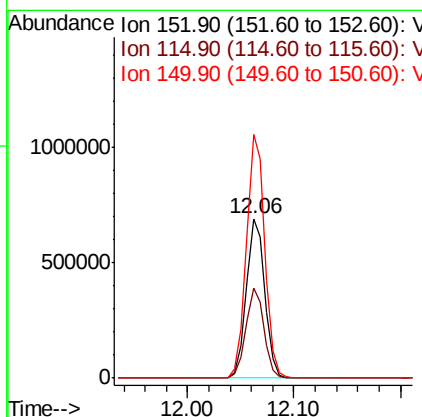
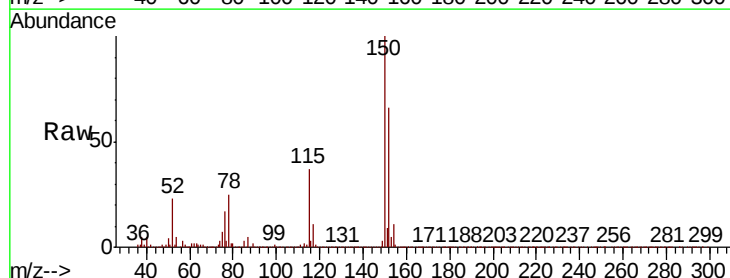
Instrument :
MSVOA_X
ClientSampleId :

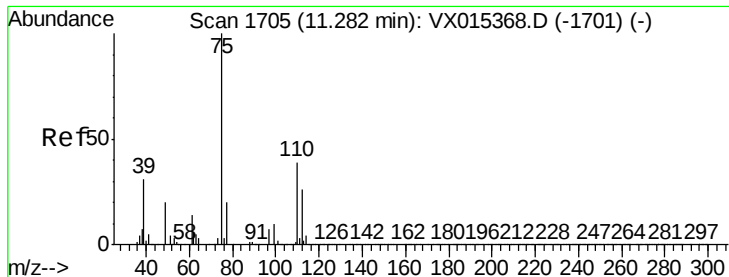
Tot Ion:117 Resp: 1525577
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.8
119 32.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015734.D
Acq: 17 Apr 2020 13:46

Tgt Ion:152 Resp: 840707
Ion Ratio Lower Upper
152 100
115 55.5 39.0 116.9
150 151.9 0.0 340.8





#76

1,2,3-Trichloropropane

Concen: 22.961 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

Instrument :

MSVOA_X

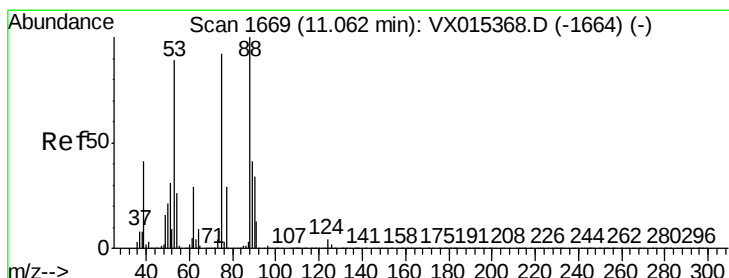
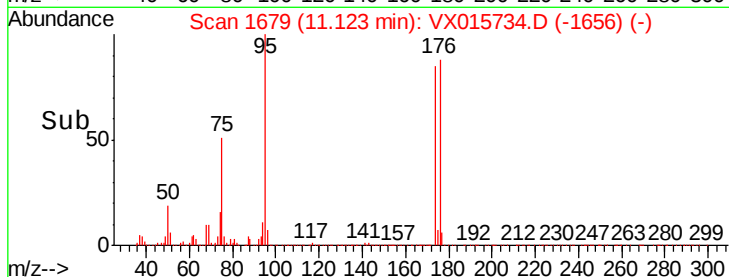
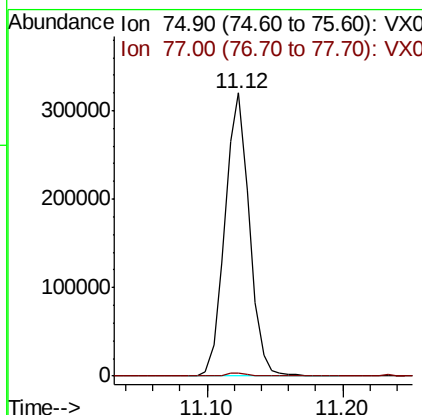
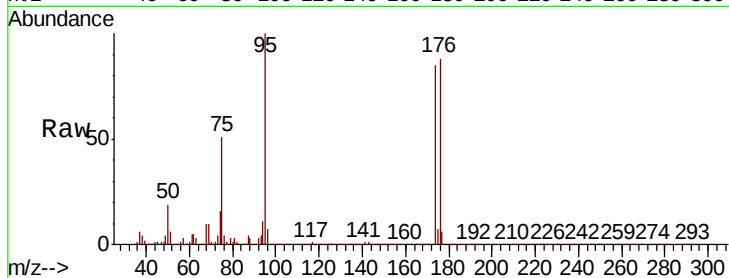
ClientSampleId :

Tot Ion: 75 Resp: 396954

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.093 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015734.D

Acq: 17 Apr 2020 13:46

Tgt Ion: 75 Resp: 396954

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

89 0.0 36.1 54.1#

