

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
 Data File : VX015453.D
 Acq On : 31 Mar 2020 14:57
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 07:32:39 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	1137837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1878413	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1763405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	940653	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	787371	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	5.47	113	581599	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	8.70	98	2250863	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	973608	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	

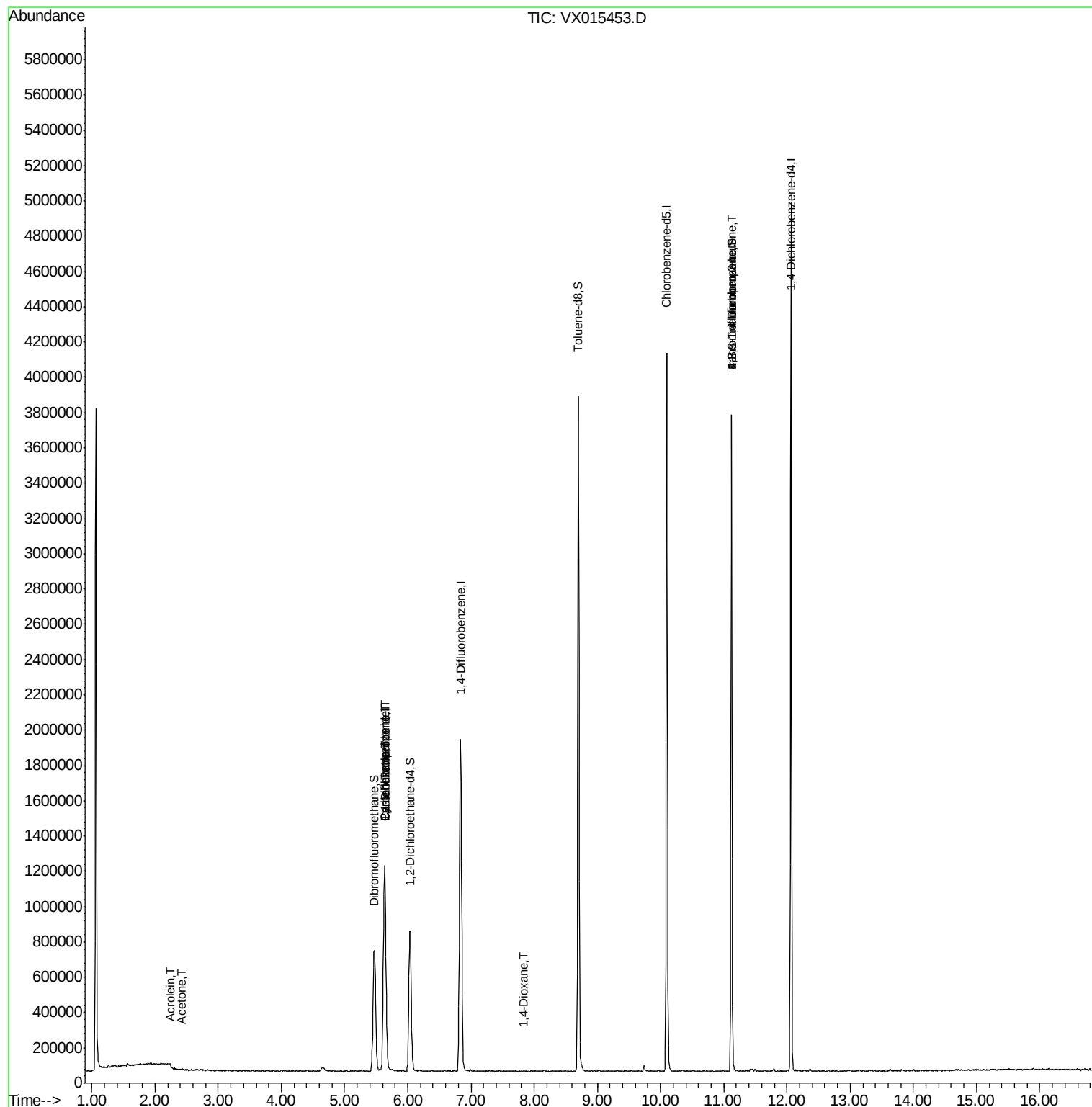
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	658	Below Cal	#	52
13) Acrolein	2.25	56	447	0.204	ug/l #	14
16) Acetone	2.41	43	2295	0.333	ug/l	95
31) Cyclohexane	5.64	56	24003	1.182	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	88727	5.127	ug/l #	53
38) Carbon Tetrachloride	5.64	117	110207	5.879	ug/l #	14
49) 1,4-Dioxane	7.84	88	1112	3.137	ug/l	88
76) 1,2,3-Trichloropropane	11.12	75	509004	26.314	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	509004	63.138	ug/l #	10

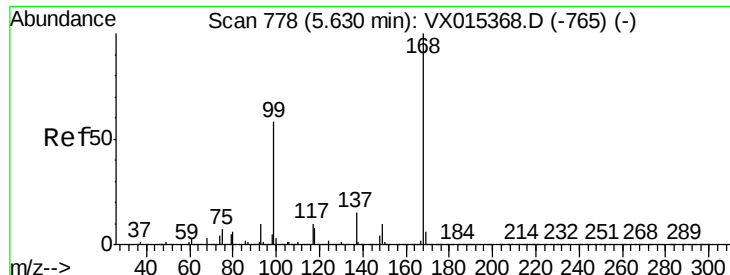
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033120\
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Acq On : 31 Mar 2020 14:57
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Instrument :
MSVOA_X
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Quant Time: Apr 01 07:32:39 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: VX015453.D

Acq: 31 Mar 2020 14:57

Instrument :

MSVOA_X

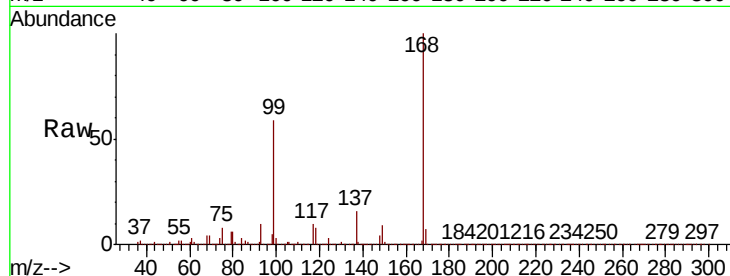
ClientSampled :

Tot Ion:168 Resp: 1137837

Ion Ratio Lower Upper

168 100

99 58.7 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

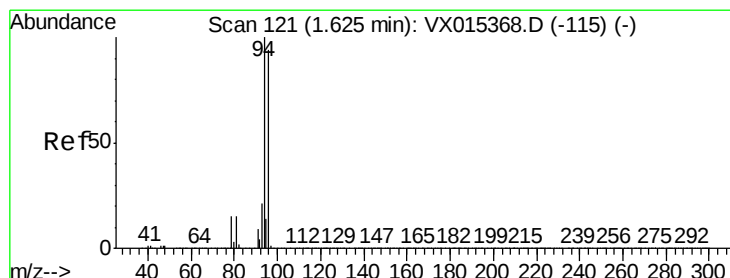
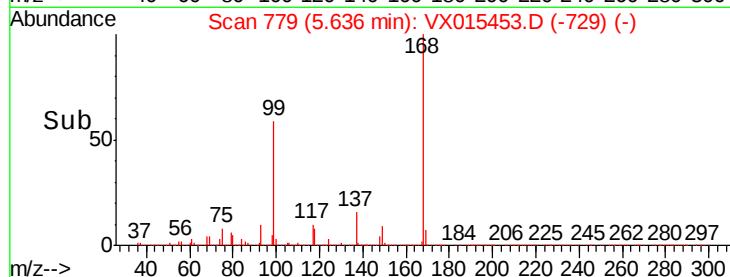
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015453.D

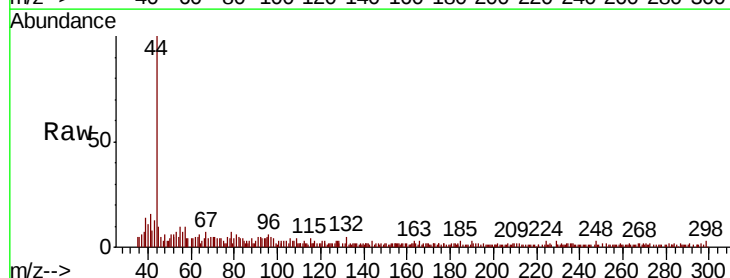
Acq: 31 Mar 2020 14:57

Tgt Ion: 94 Resp: 658

Ion Ratio Lower Upper

94 100

96 47.3 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

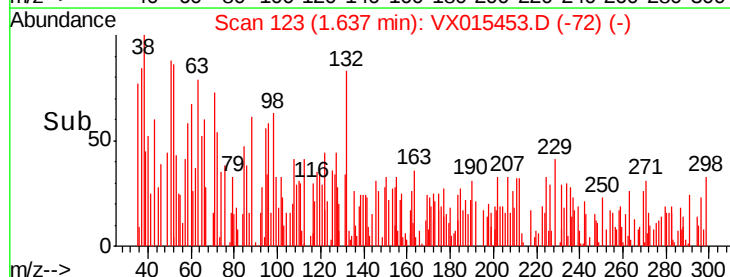
600

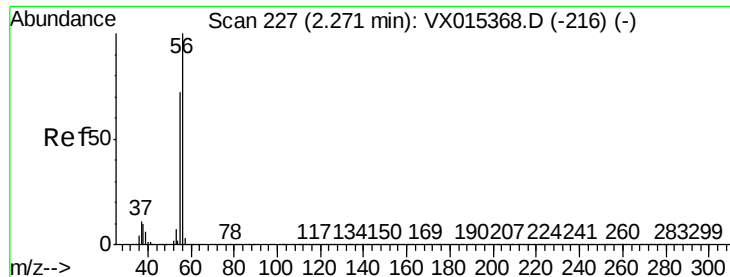
400

200

0

Time-->

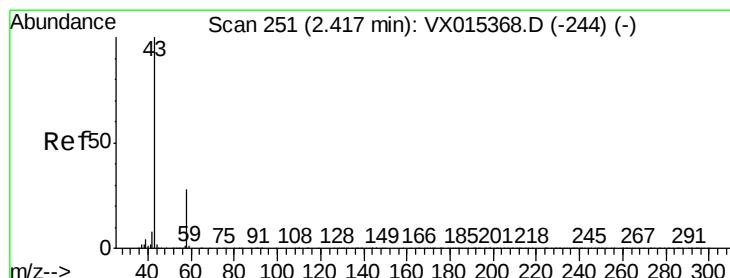
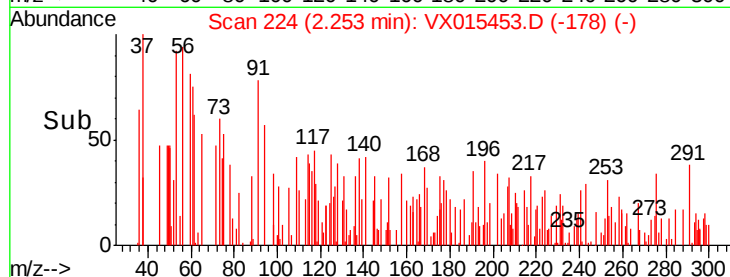
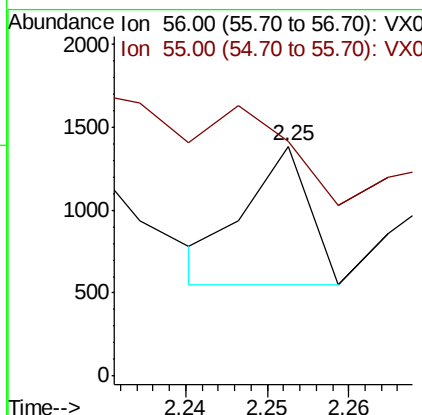
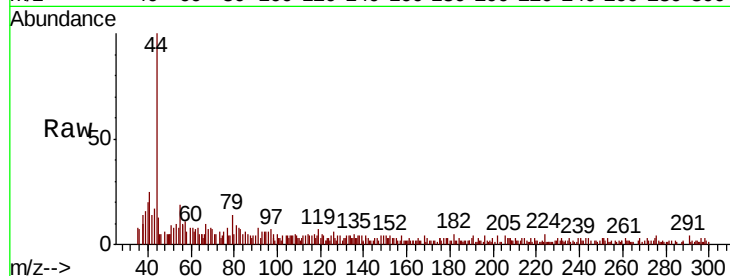




#13
Acrolein
Concen: 0.204 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.02 min
Lab File: VX015453.D
Acq: 31 Mar 2020 14:57

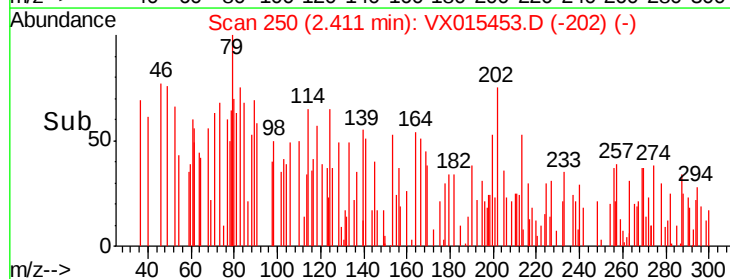
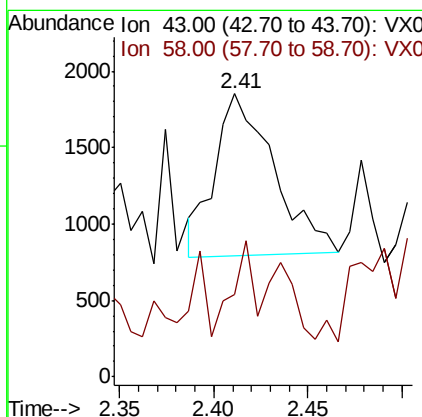
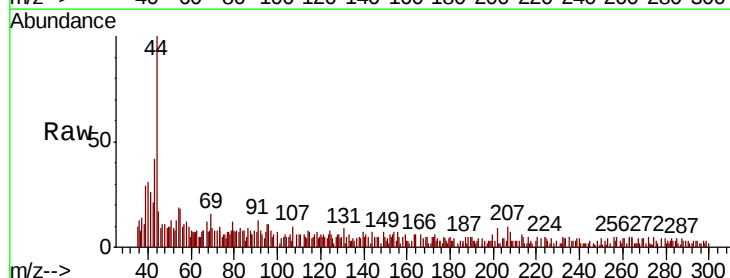
Instrument :
MSVOA_X
ClientSampleId :

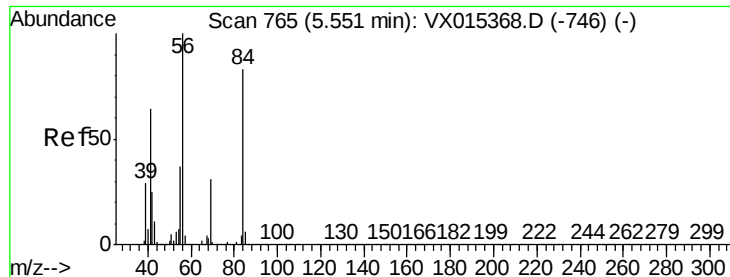
Tot Ion: 56 Resp: 447
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 0.333 ug/l
RT: 2.41 min Scan# 250
Delta R.T. -0.01 min
Lab File: VX015453.D
Acq: 31 Mar 2020 14:57

Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 30.0 22.1 33.1

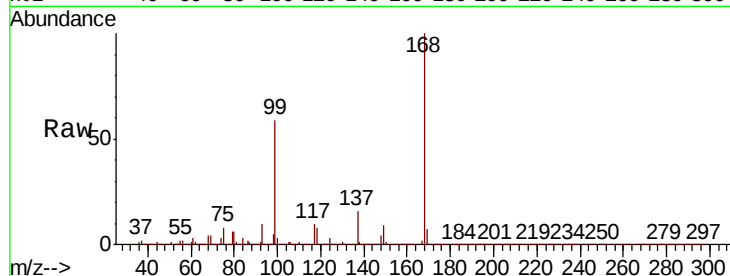




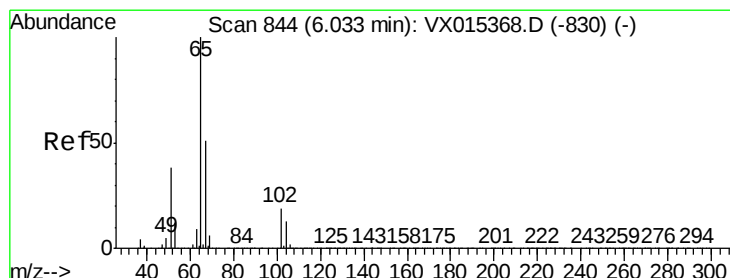
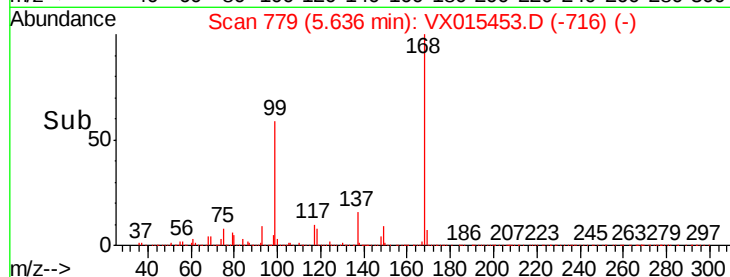
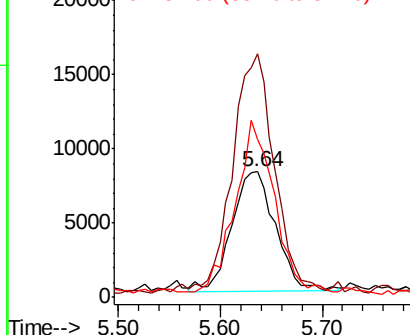
#31
Cyclohexane
Concen: 1.182 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.09 min
Lab File: VX015453.D
Acq: 31 Mar 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 24003
Ion Ratio Lower Upper
56 100
69 200.9 24.6 36.8#
84 140.7 66.1 99.1#

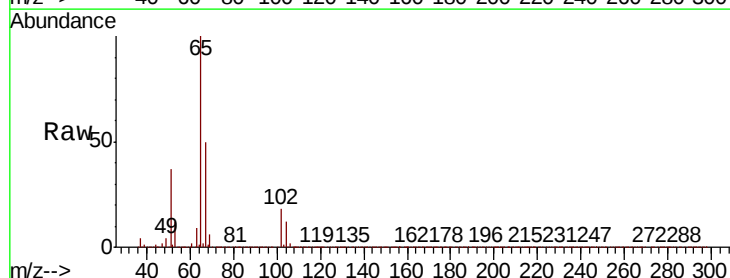


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

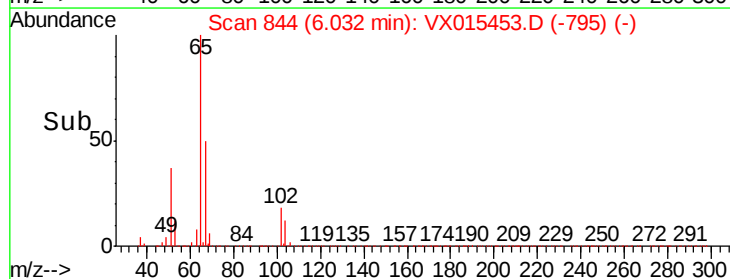
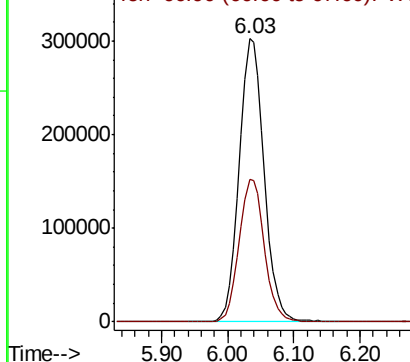


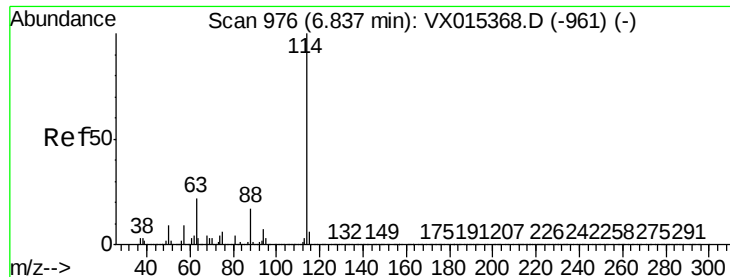
#33
1,2-Dichloroethane-d4
Concen: 49.064 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015453.D
Acq: 31 Mar 2020 14:57

Tgt Ion: 65 Resp: 787371
Ion Ratio Lower Upper
65 100
67 50.8 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: VX015453.D

Acq: 31 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

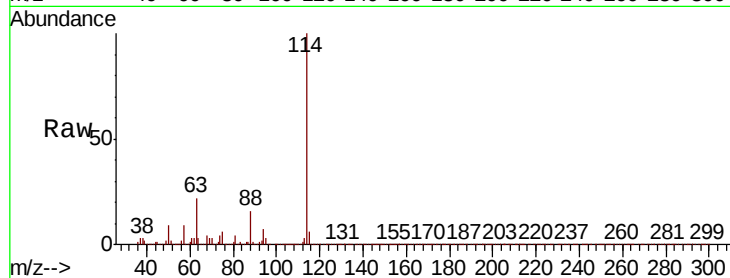
Tot Ion:114 Resp: 1878413

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

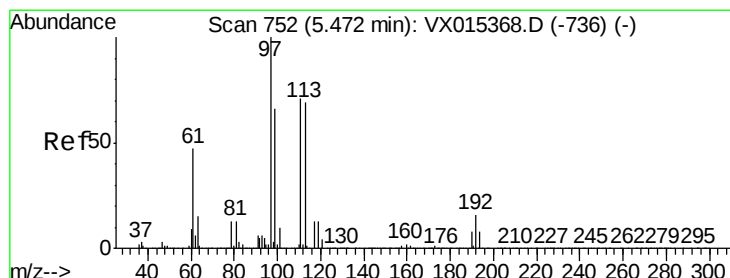
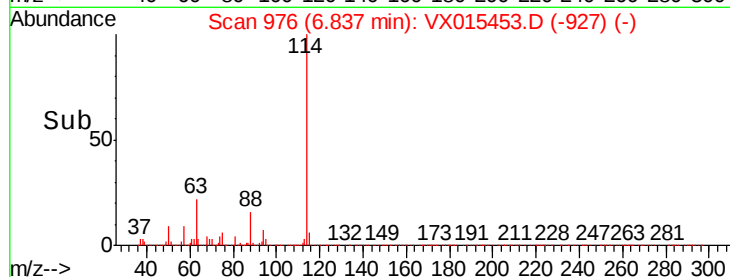
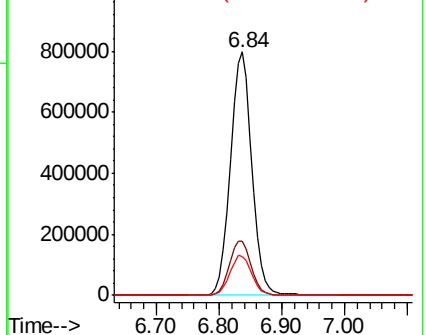
88 15.8 0.0 33.8



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: 48.437 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

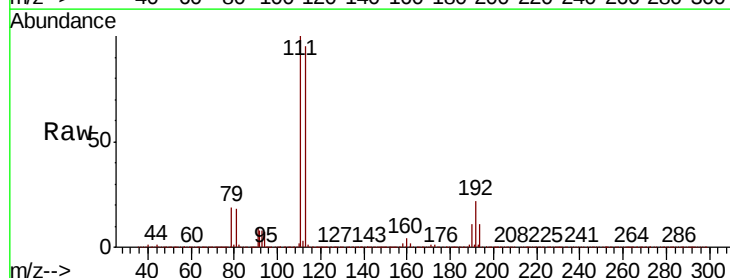
Tgt Ion:113 Resp: 581599

Ion Ratio Lower Upper

113 100

111 104.6 81.5 122.3

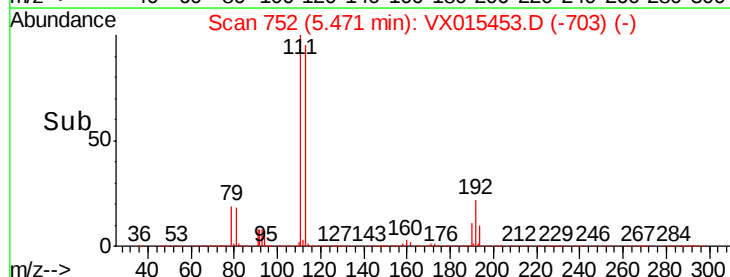
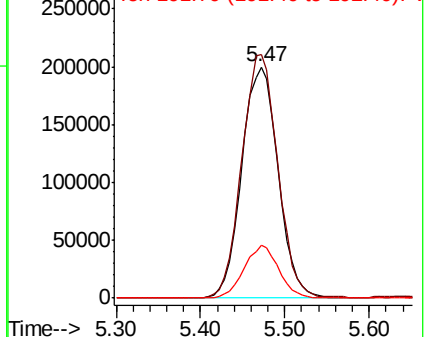
192 21.8 17.8 26.6

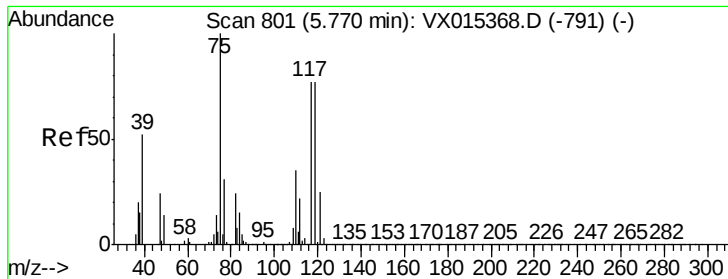


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.127 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

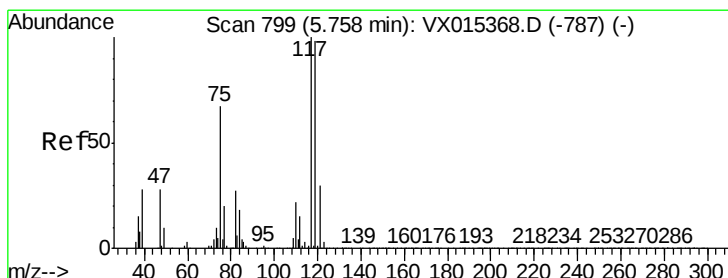
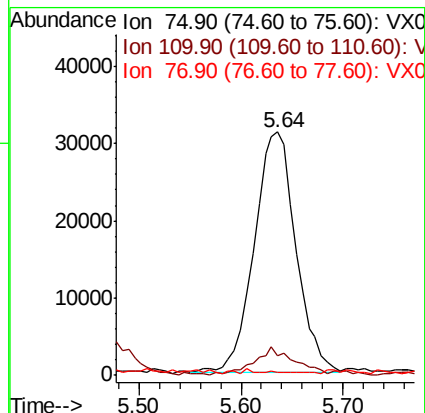
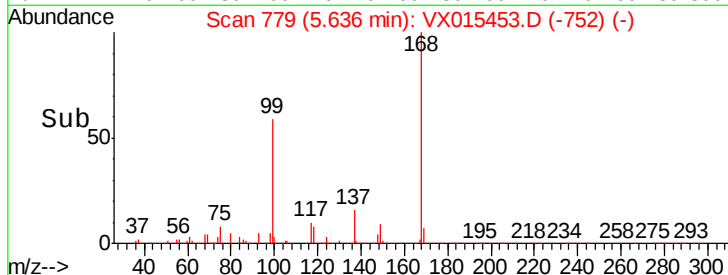
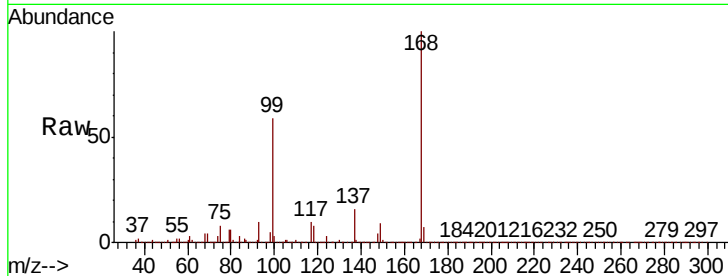
Tot Ion: 75 Resp: 88727

Ion Ratio Lower Upper

75 100

110 11.4 17.1 51.3#

77 0.1 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.879 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

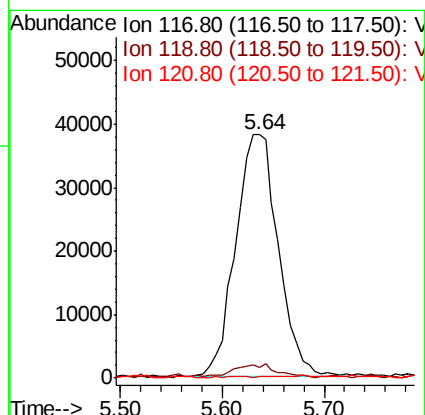
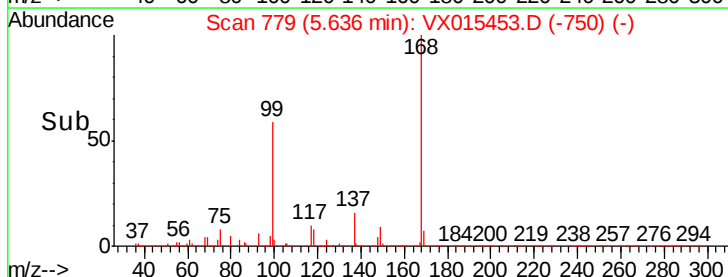
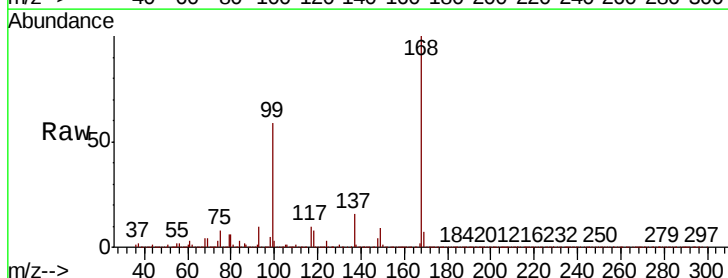
Tgt Ion: 117 Resp: 110207

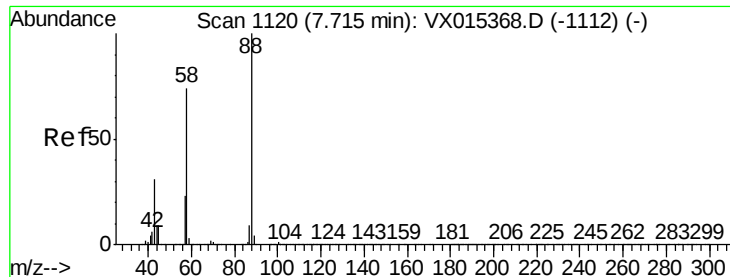
Ion Ratio Lower Upper

117 100

119 3.8 78.0 117.0#

121 0.2 23.8 35.8#





#49

1,4-Dioxane

Concen: 3.137 ug/l

RT: 7.84 min Scan# 1140

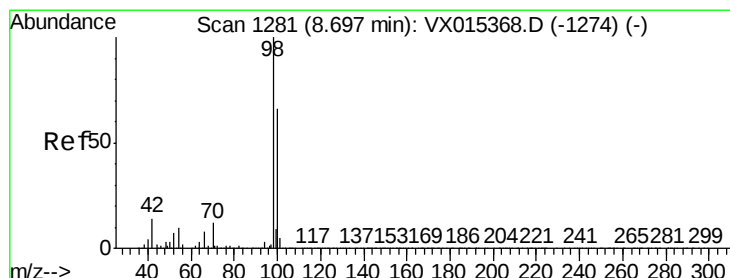
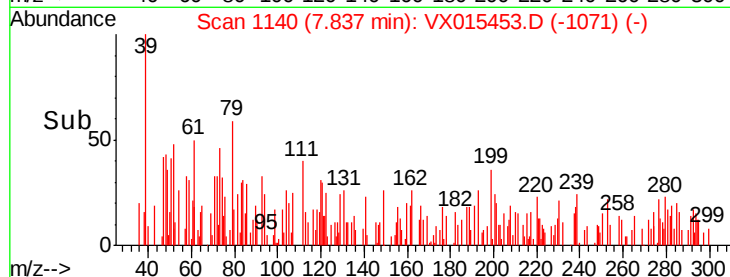
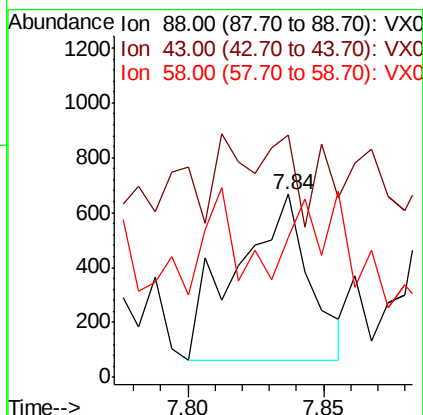
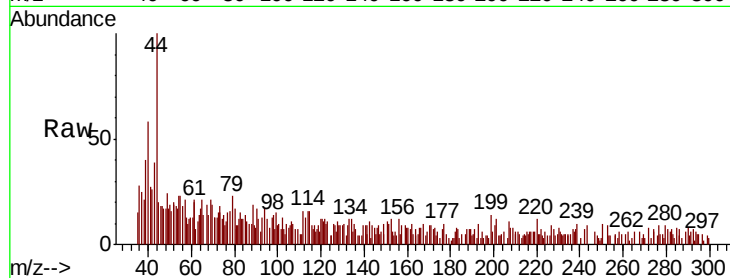
Delta R.T. 0.12 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	88	Resp:	1112
Ion	Ratio	Lower	Upper
88	100		
43	36.6	30.1	45.1
58	61.2	60.6	90.8



#50

Toluene-d8

Concen: 50.916 ug/l

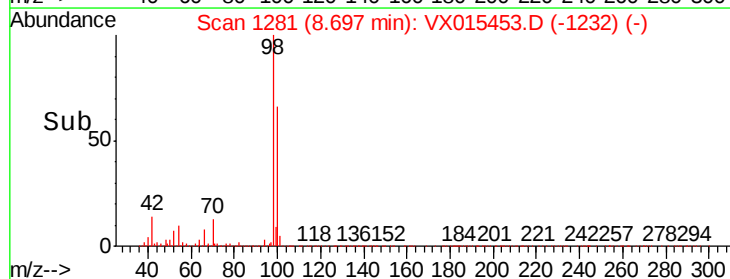
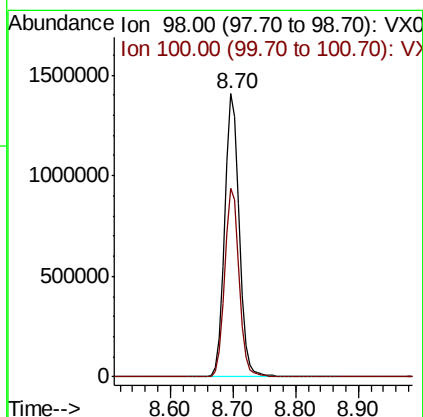
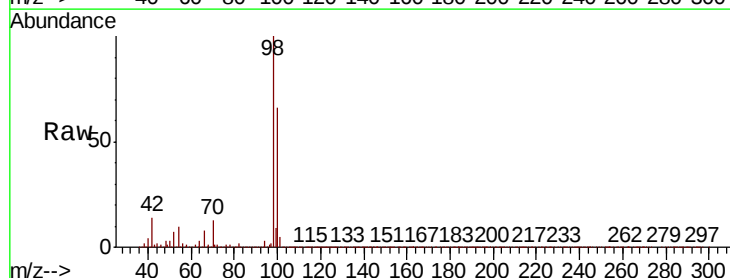
RT: 8.70 min Scan# 1281

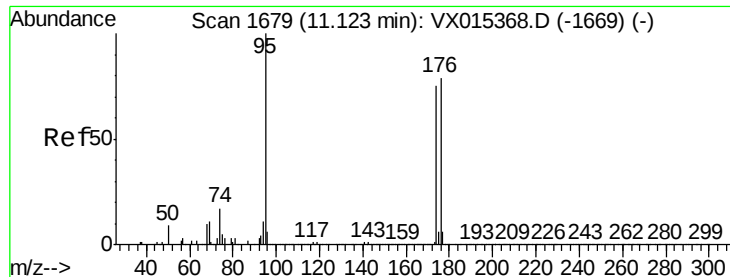
Delta R.T. -0.00 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

Tgt Ion:	98	Resp:	2250863
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3





#62

4-Bromofluorobenzene

Concen: 54.191 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

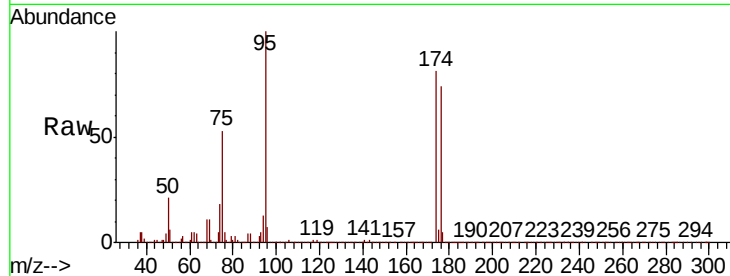
Tot Ion: 95 Resp: 973608

Ion Ratio Lower Upper

95 100

174 79.1 0.0 158.6

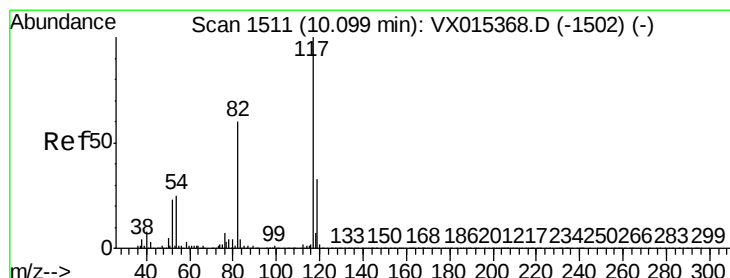
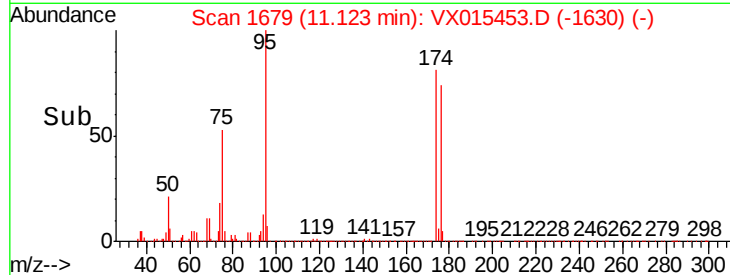
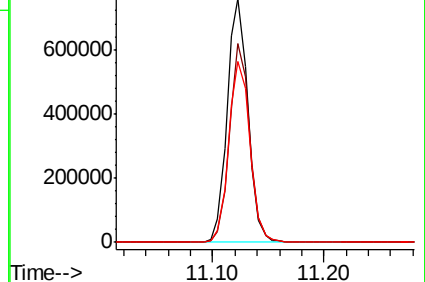
176 76.5 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015453.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015453.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015453.D (-1669) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

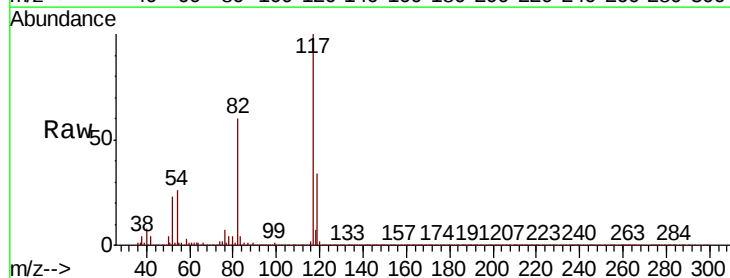
Tgt Ion: 117 Resp: 1763405

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.8

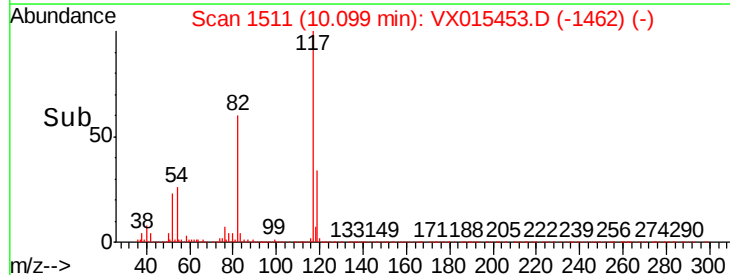
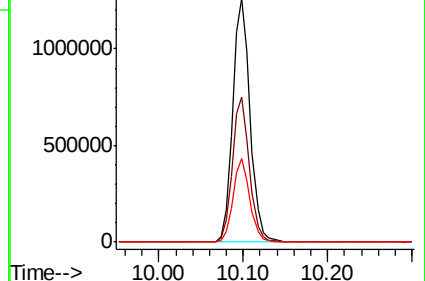
119 34.4 26.8 40.2

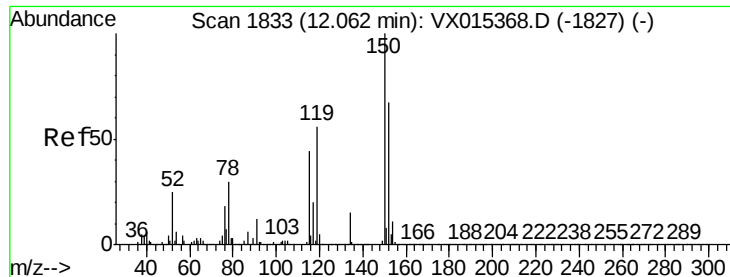


Abundance Ion 116.90 (116.60 to 117.60): VX015453.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015453.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015453.D (-1462) (-)



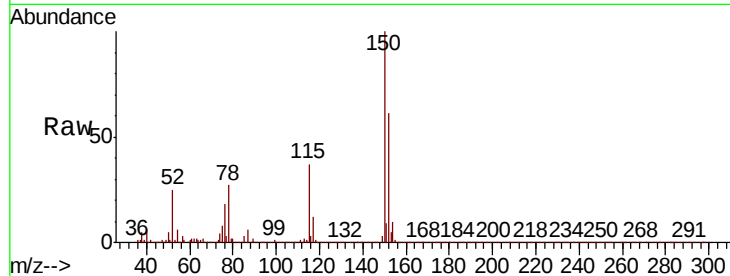


#72

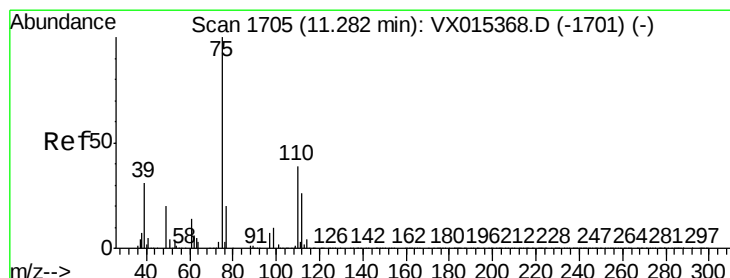
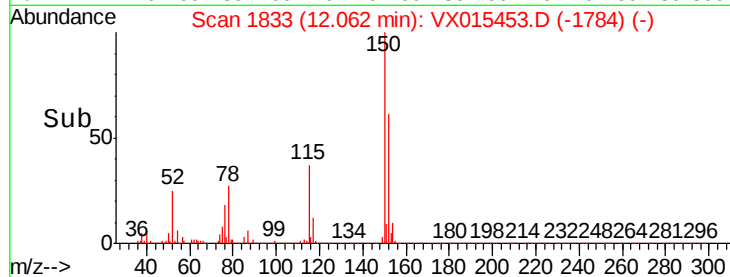
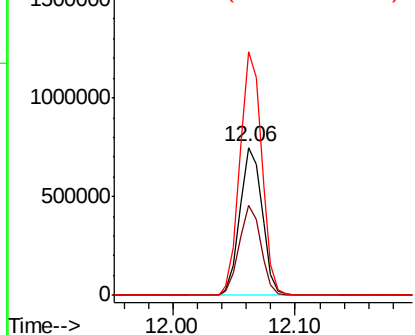
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015453.D
Acq: 31 Mar 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	39.0	116.9
150	161.7	0.0	340.8



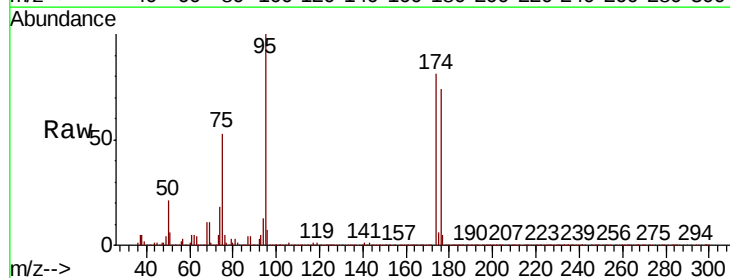
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



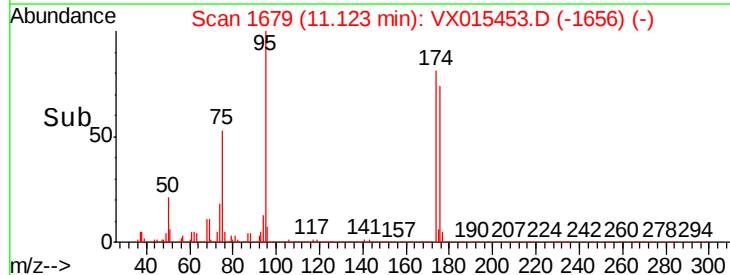
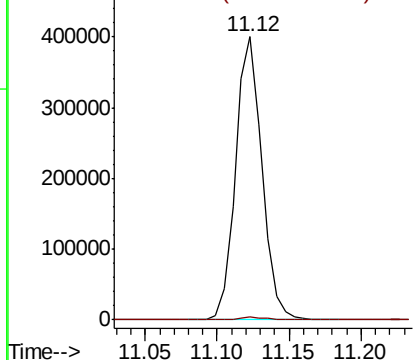
#76

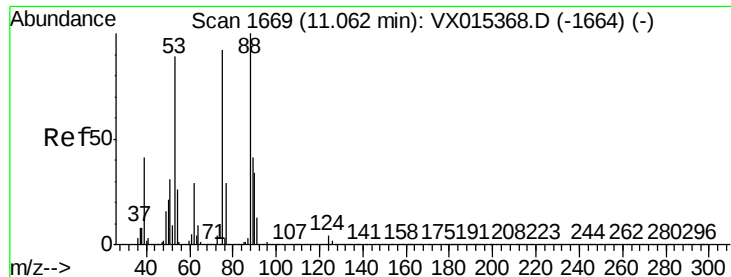
1,2,3-Trichloropropane
Concen: 26.314 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015453.D
Acq: 31 Mar 2020 14:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 63.138 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015453.D

Acq: 31 Mar 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 509004

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 36.1 54.1#

