

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
 Data File : VX015449.D
 Acq On : 31 Mar 2020 13:27
 Operator : JC/SP
 Sample : L2042-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 07:31:01 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	1104030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1813622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1733269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	937308	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	762013	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	5.47	113	570305	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	8.70	98	2212473	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.12	95	953063	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	

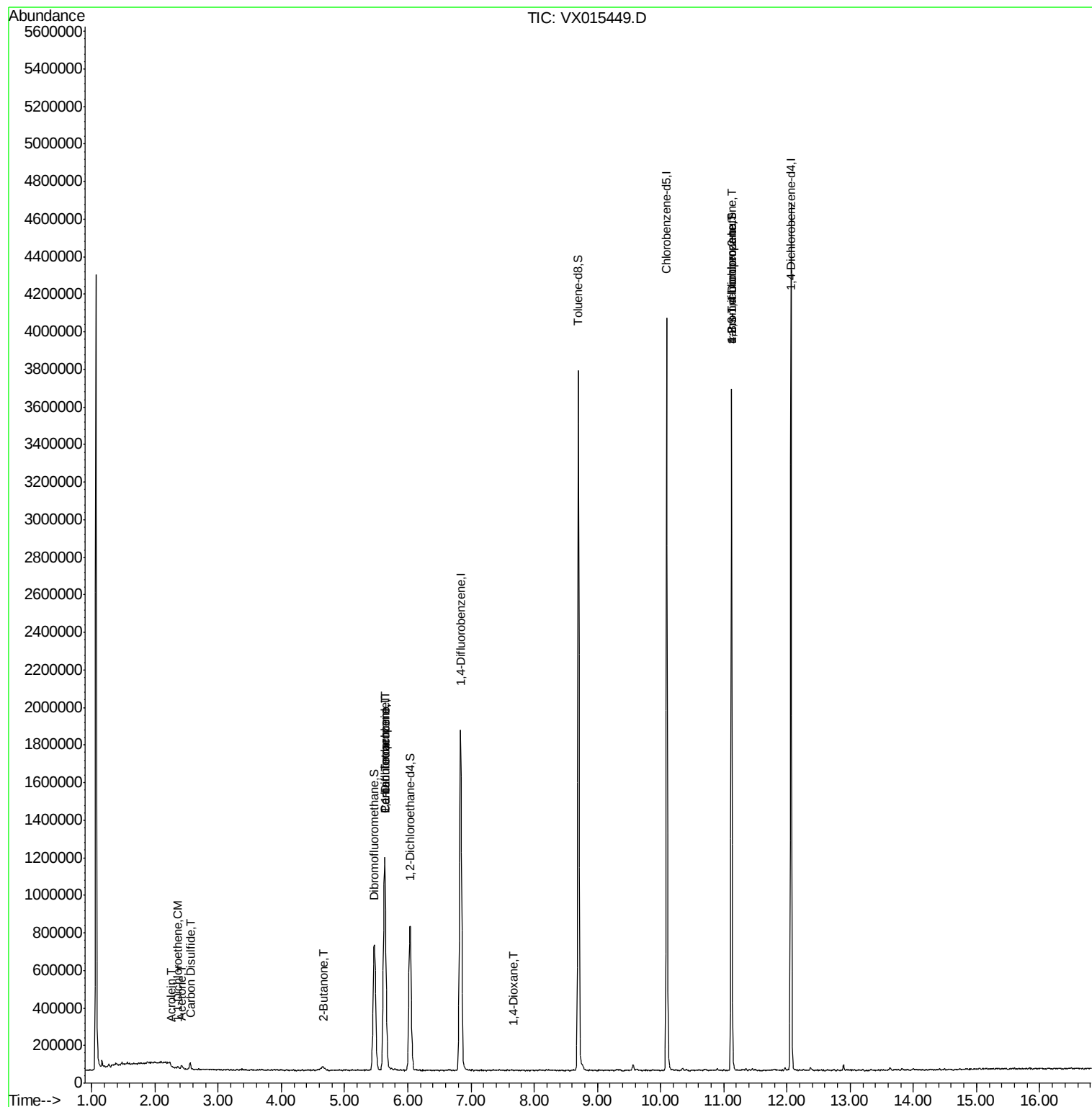
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1525	Below Cal	#	31
12) 1,1-Dichloroethene	2.36	96	2988	0.287	ug/l #	89
13) Acrolein	2.26	56	829	0.390	ug/l #	14
16) Acetone	2.42	43	19172	2.866	ug/l	98
17) Carbon Disulfide	2.56	76	42741	1.344	ug/l #	94
25) 2-Butanone	4.66	43	6739	0.626	ug/l #	83
36) 1,1-Dichloropropene	5.64	75	86494	5.176	ug/l #	52
38) Carbon Tetrachloride	5.63	117	105297	5.818	ug/l #	13
49) 1,4-Dioxane	7.67	88	644	1.882	ug/l #	6
76) 1,2,3-Trichloropropane	11.12	75	487098	25.271	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	487098	60.637	ug/l #	10

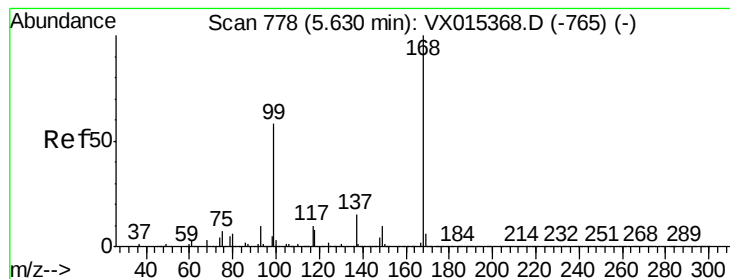
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033120\
Data File : VX015449.D
Acq On : 31 Mar 2020 13:27
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 01 07:31:01 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: VX015449.D

Acq: 31 Mar 2020 13:27

Instrument :

MSVOA_X

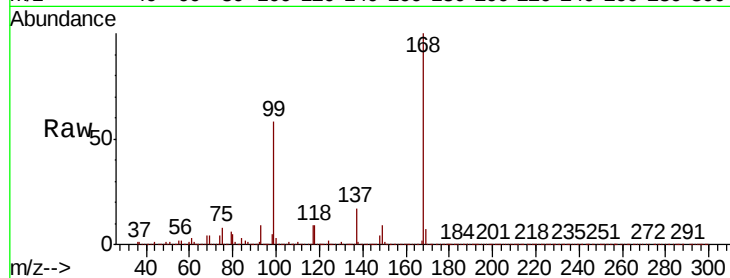
ClientSampleId :

Tot Ion:168 Resp: 1104030

Ion Ratio Lower Upper

168 100

99 58.1 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

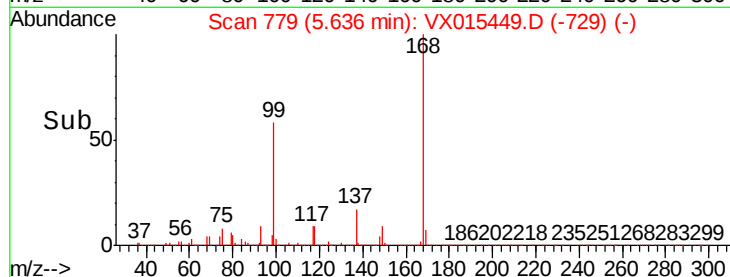
200000

100000

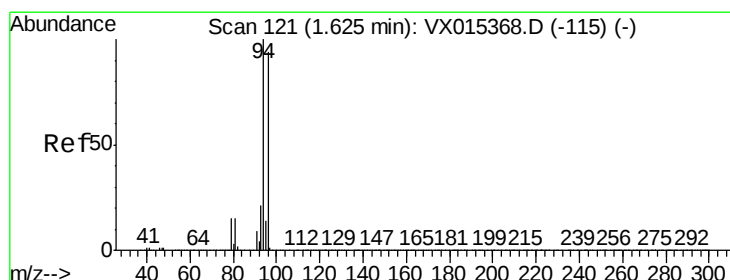
0

5.60

5.80



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX015449.D

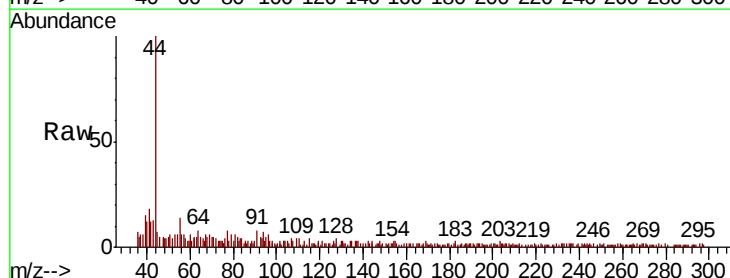
Acq: 31 Mar 2020 13:27

Tgt Ion: 94 Resp: 1525

Ion Ratio Lower Upper

94 100

96 26.6 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

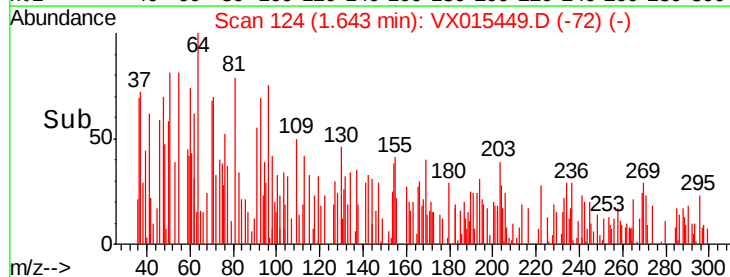
1000

500

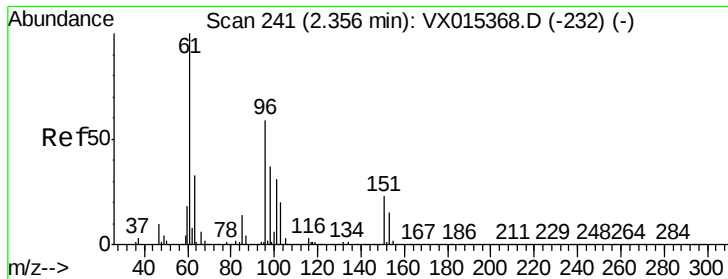
0

1.60

1.65



Time-->



#12

1,1-Dichloroethene

Concen: 0.287 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015449.D

Acq: 31 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampled :

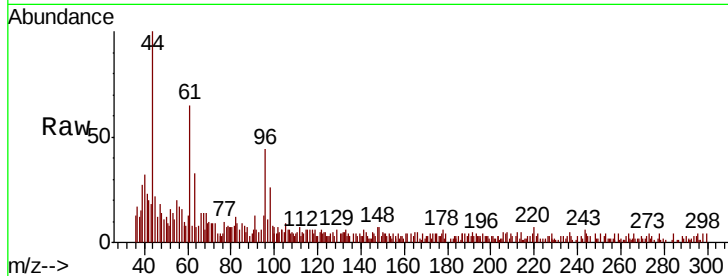
Tot Ion: 96 Resp: 2988

Ion Ratio Lower Upper

96 100

61 159.0 135.7 203.5

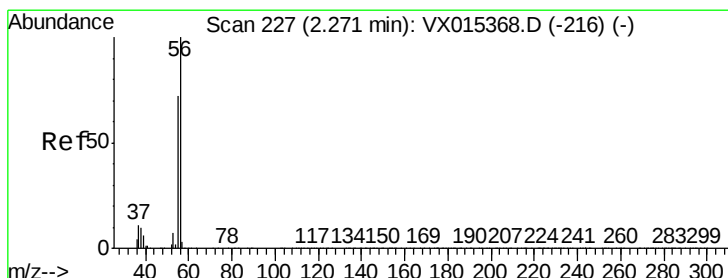
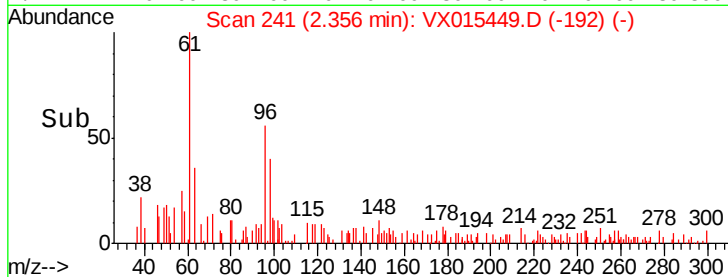
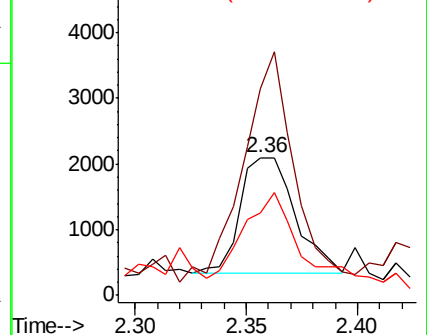
98 48.1 50.6 75.8#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 0.390 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.01 min

Lab File: VX015449.D

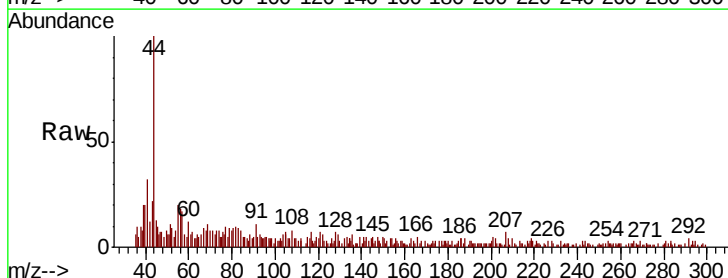
Acq: 31 Mar 2020 13:27

Tgt Ion: 56 Resp: 829

Ion Ratio Lower Upper

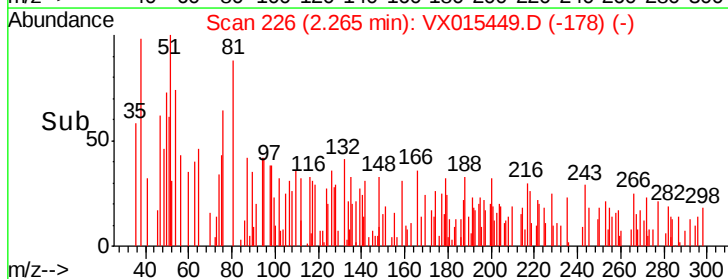
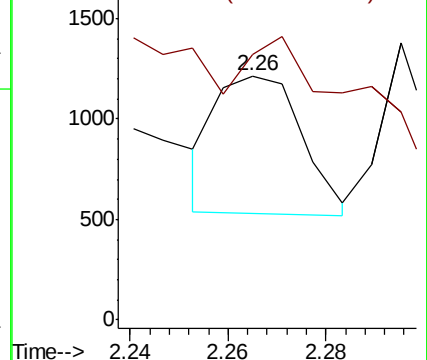
56 100

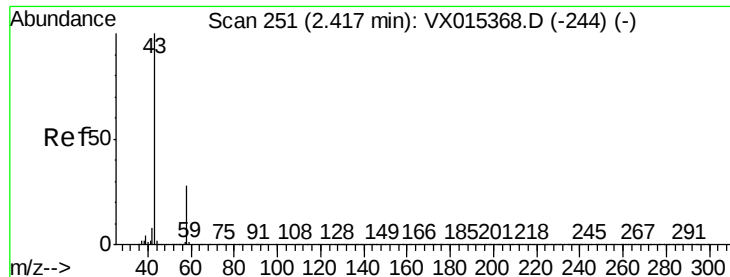
55 0.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

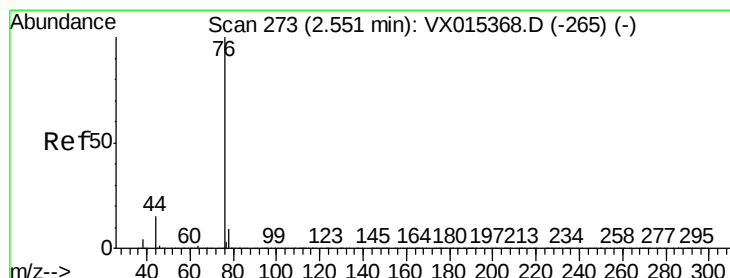
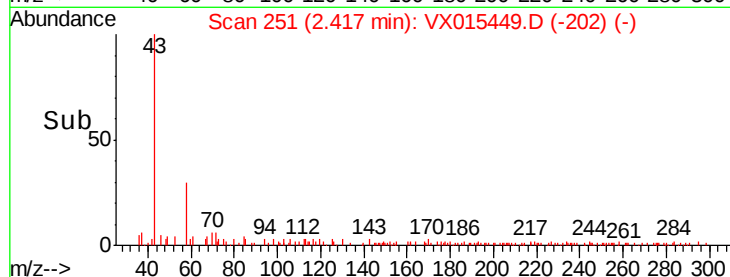
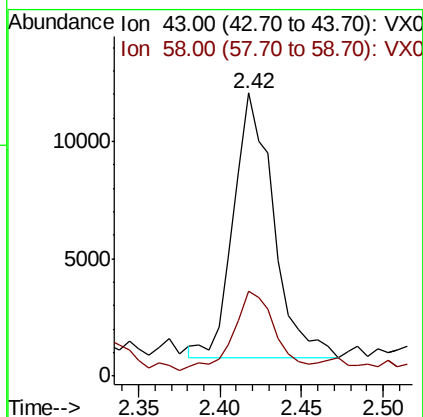
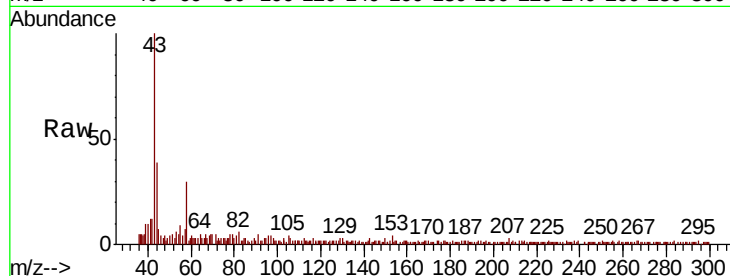




#16
Acetone
Concen: 2.866 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015449.D
Acq: 31 Mar 2020 13:27

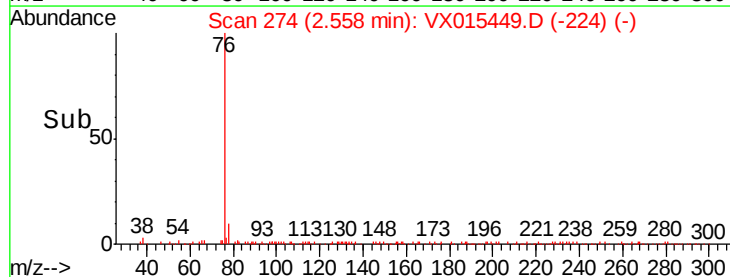
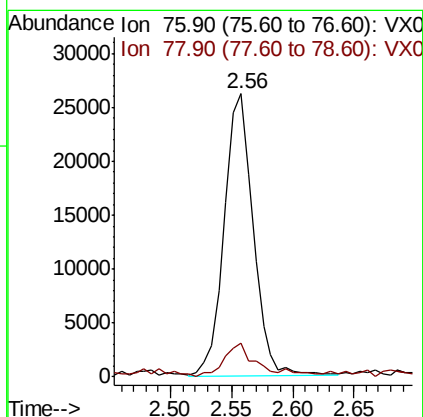
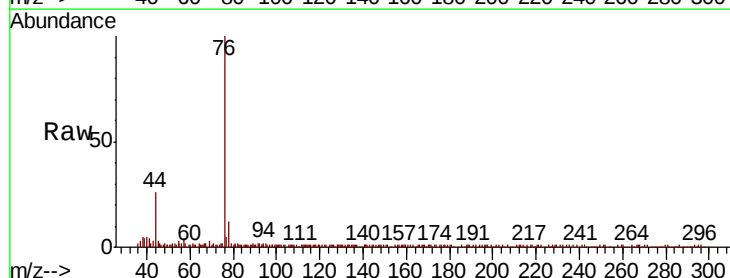
Instrument :
MSVOA_X
ClientSampleId :

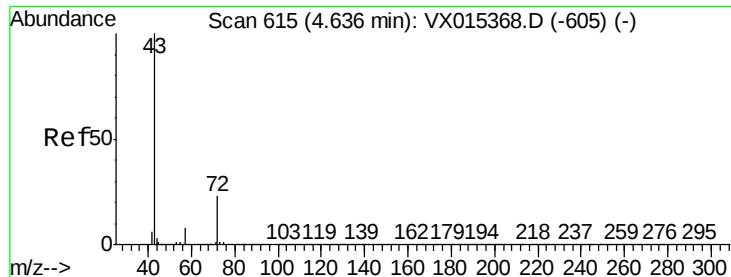
Tot Ion: 43 Resp: 19172
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1



#17
Carbon Disulfide
Concen: 1.344 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX015449.D
Acq: 31 Mar 2020 13:27

Tgt Ion: 76 Resp: 42741
Ion Ratio Lower Upper
76 100
78 10.9 7.1 10.7#





#25

2-Butanone

Concen: 0.626 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.02 min

Lab File: VX015449.D

Acq: 31 Mar 2020 13:27

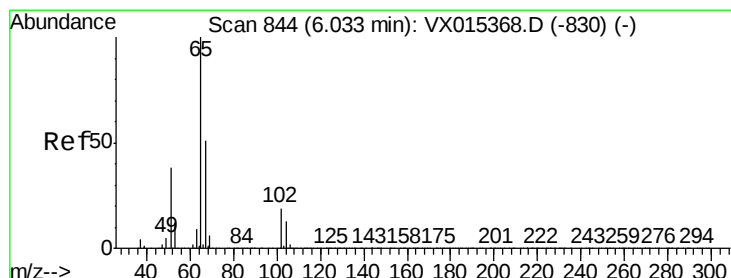
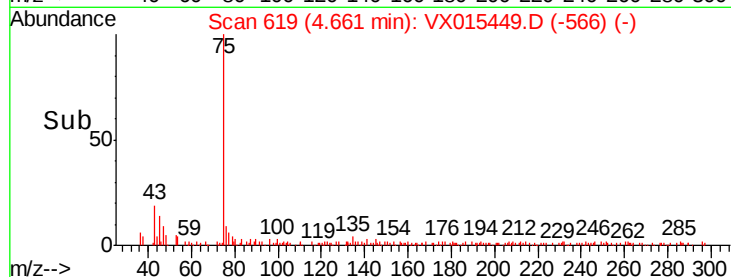
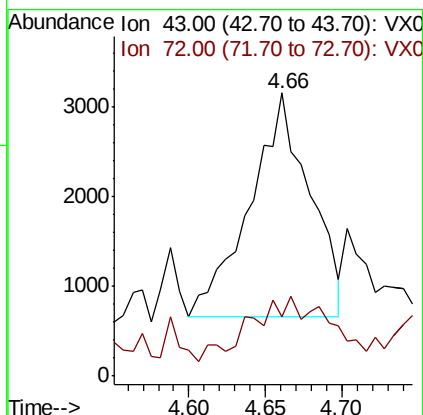
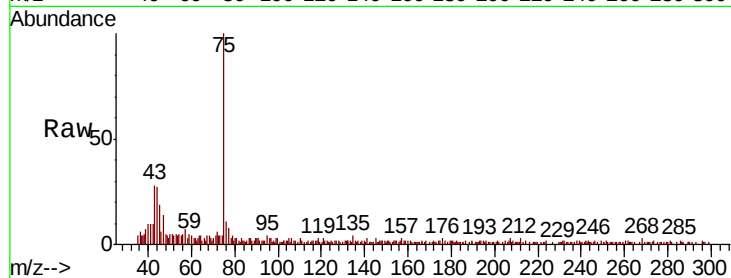
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 6739

Ion Ratio Lower Upper

43 100

72 32.0 19.0 28.4#



#33

1,2-Dichloroethane-d4

Concen: 48.938 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015449.D

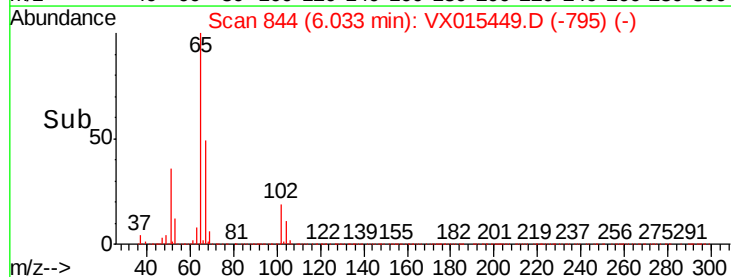
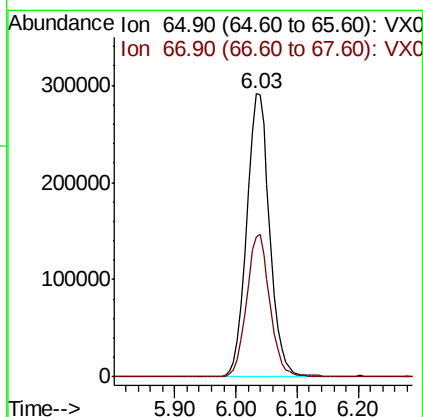
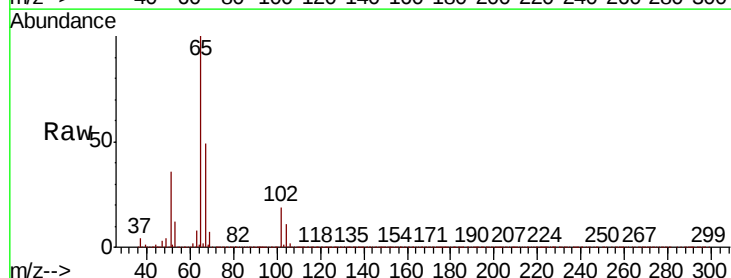
Acq: 31 Mar 2020 13:27

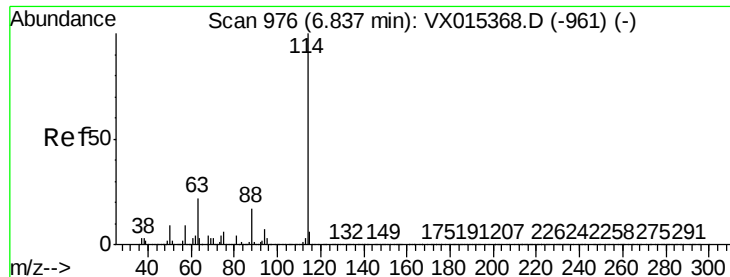
Tgt Ion: 65 Resp: 762013

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6

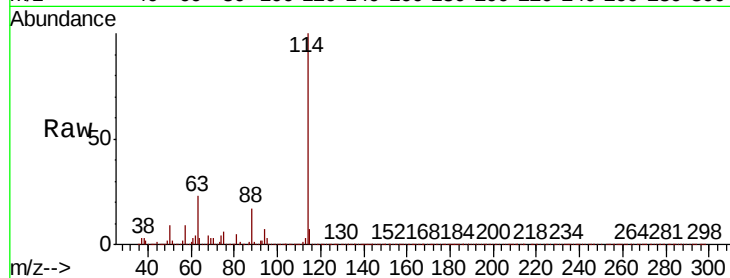




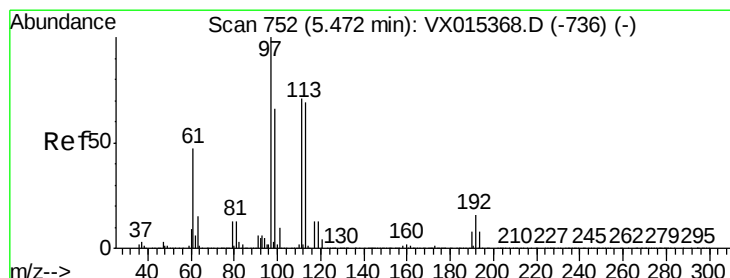
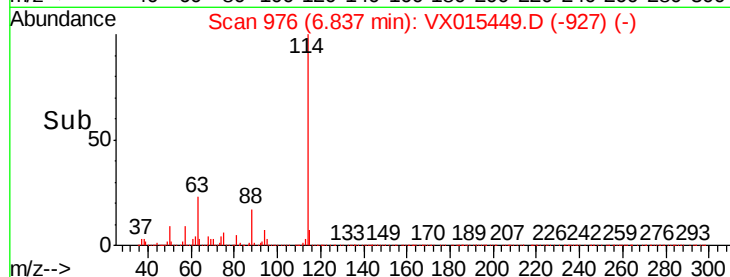
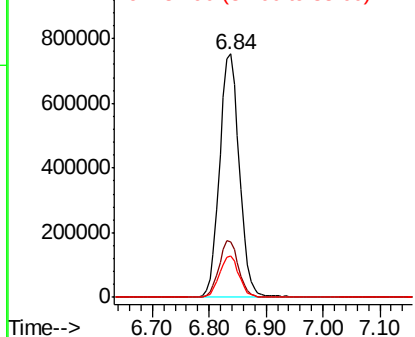
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015449.D
Acq: 31 Mar 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 1813622
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.2
88 17.1 0.0 33.8

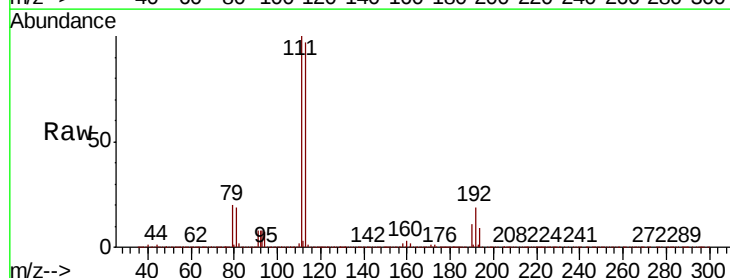


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

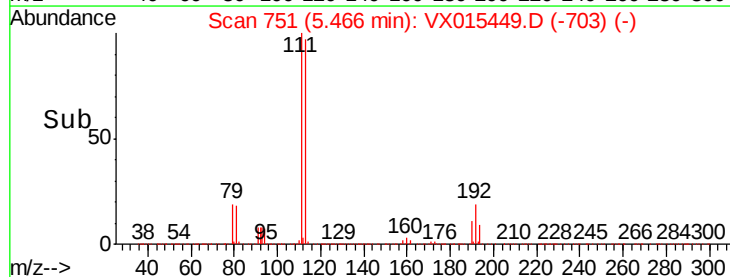
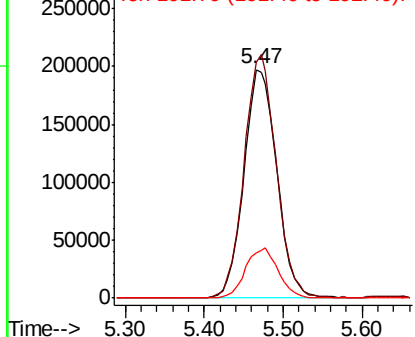


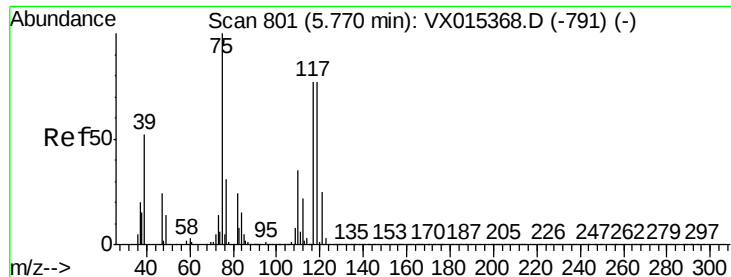
#35
Dibromofluoromethane
Concen: 49.193 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015449.D
Acq: 31 Mar 2020 13:27

Tgt Ion:113 Resp: 570305
Ion Ratio Lower Upper
113 100
111 104.1 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

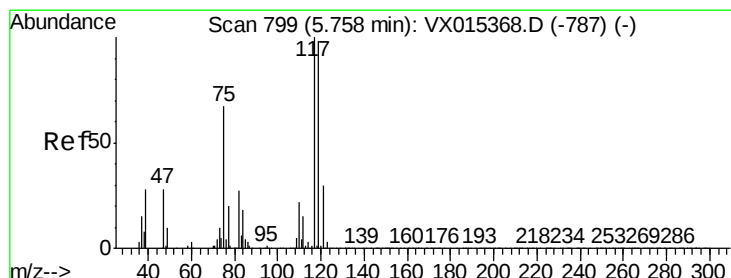
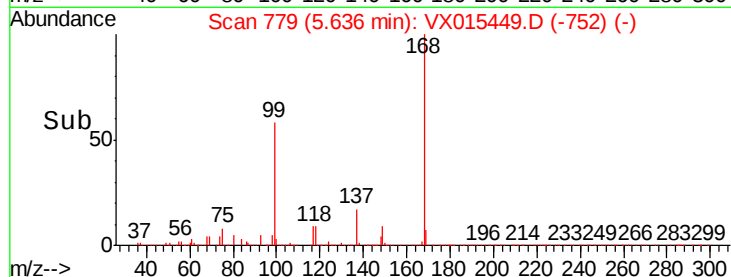
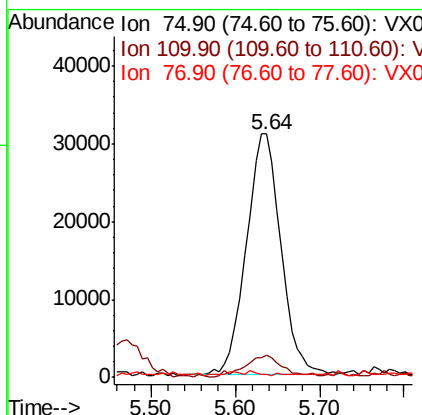
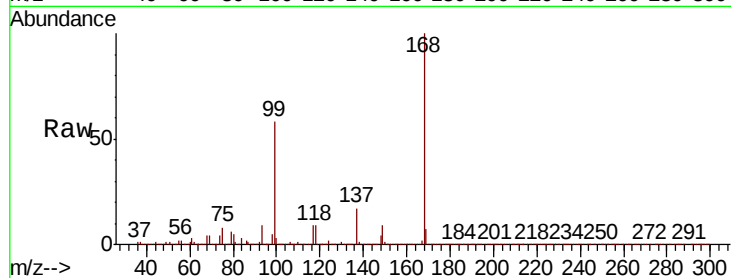




#36
 1,1-Dichloropropene
 Concen: 5.176 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015449.D
 Acq: 31 Mar 2020 13:27

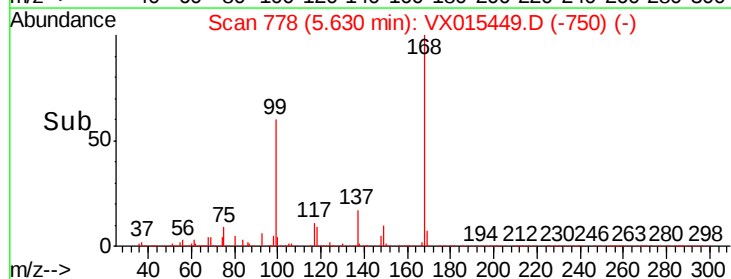
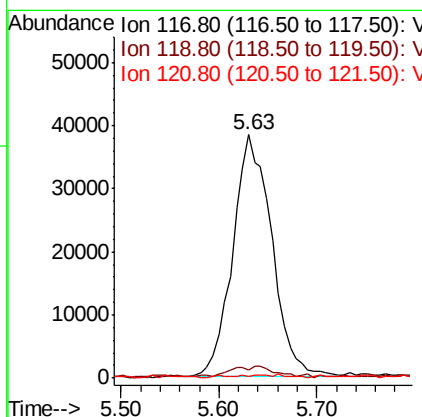
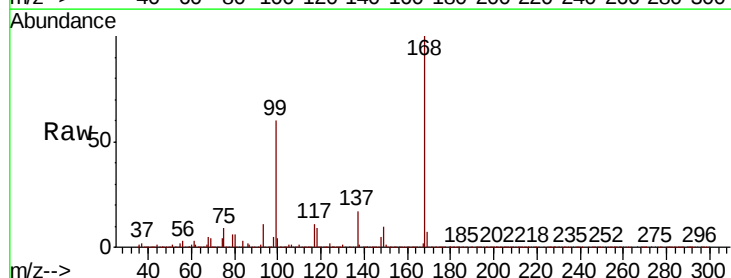
Instrument :
 MSVOA_X
 ClientSampleId :

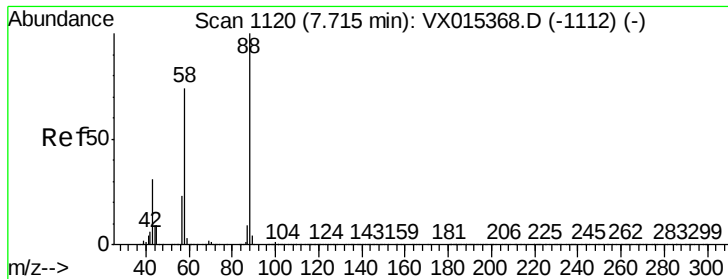
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.3	17.1	51.3#
77	0.2	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.818 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.13 min
 Lab File: VX015449.D
 Acq: 31 Mar 2020 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	2.5	78.0	117.0#
121	0.3	23.8	35.8#





#49

1,4-Dioxane

Concen: 1.882 ug/l

RT: 7.67 min Scan# 1113

Delta R.T. -0.04 min

Lab File: VX015449.D

Acq: 31 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

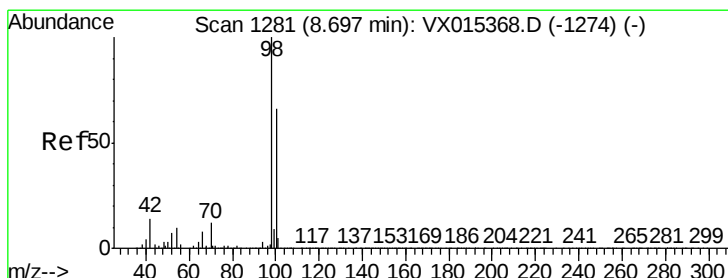
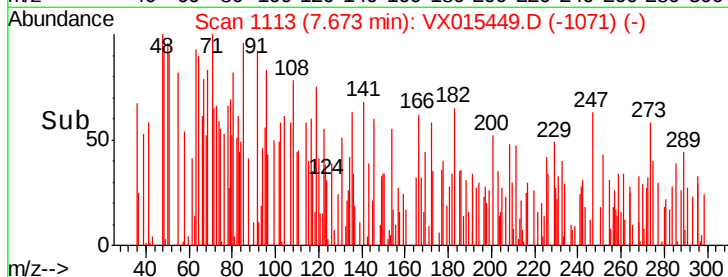
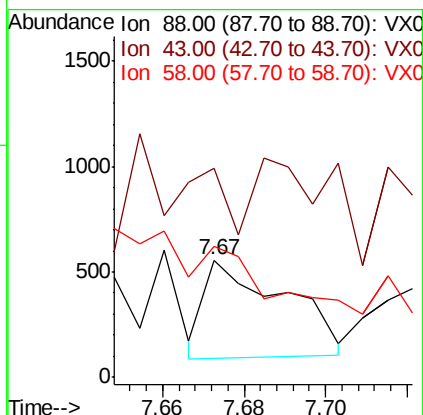
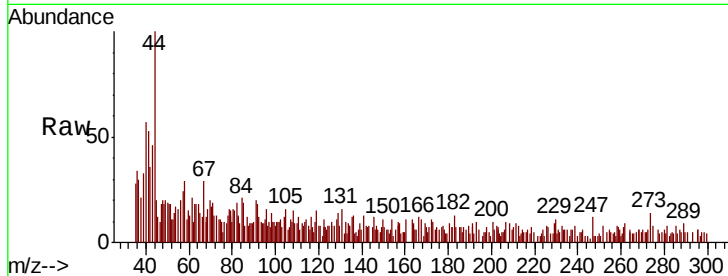
Tot Ion: 88 Resp: 644

Ion Ratio Lower Upper

88 100

43 100.9 30.1 45.1#

58 0.0 60.6 90.8#



#50

Toluene-d8

Concen: 51.835 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015449.D

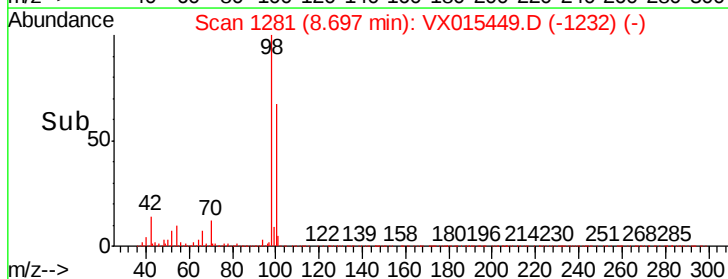
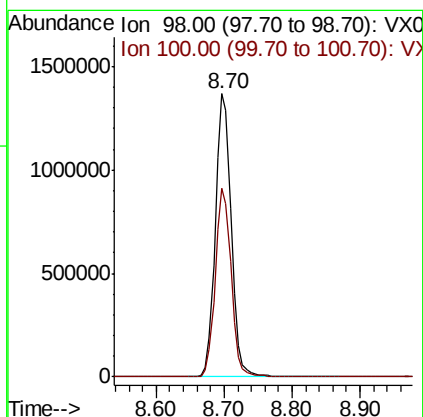
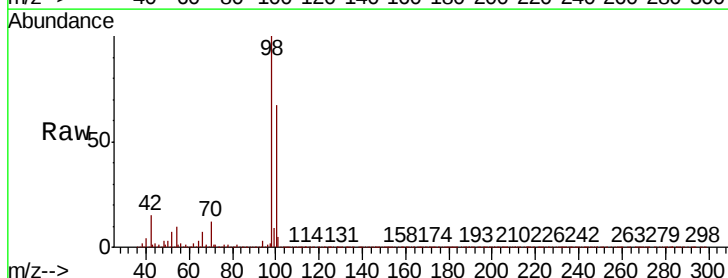
Acq: 31 Mar 2020 13:27

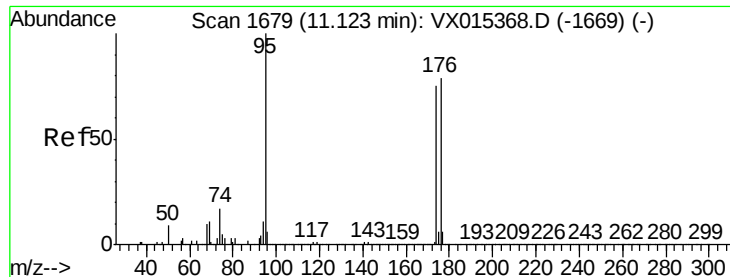
Tgt Ion: 98 Resp: 2212473

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 54.943 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015449.D

Acq: 31 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampled :

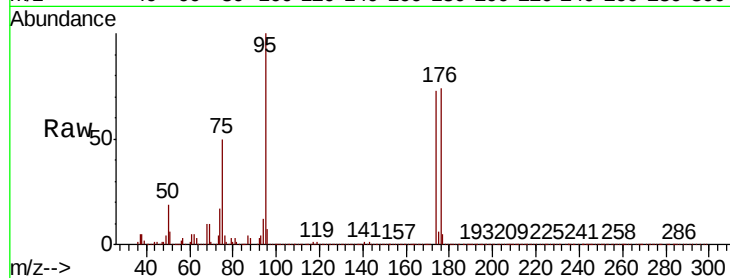
Tot Ion: 95 Resp: 953063

Ion Ratio Lower Upper

95 100

174 76.7 0.0 158.6

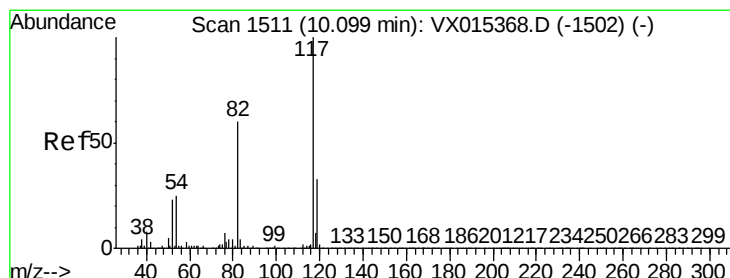
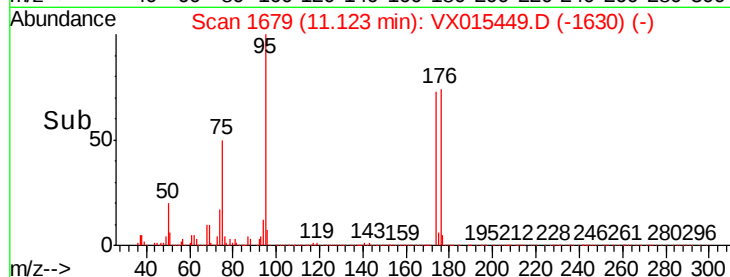
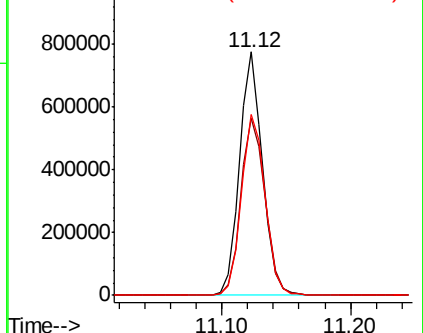
176 76.8 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015449.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015449.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015449.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015449.D

Acq: 31 Mar 2020 13:27

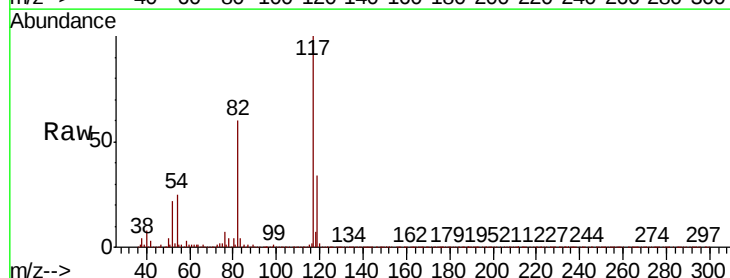
Tgt Ion: 117 Resp: 1733269

Ion Ratio Lower Upper

117 100

82 60.4 47.8 71.8

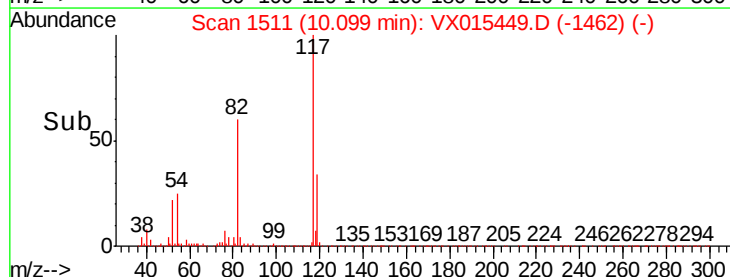
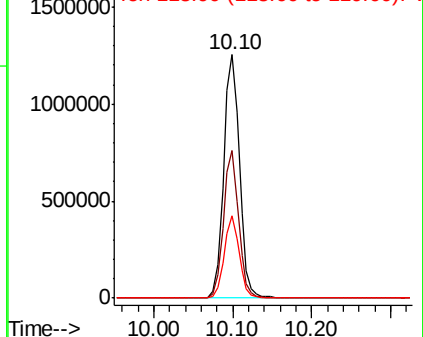
119 33.9 26.8 40.2

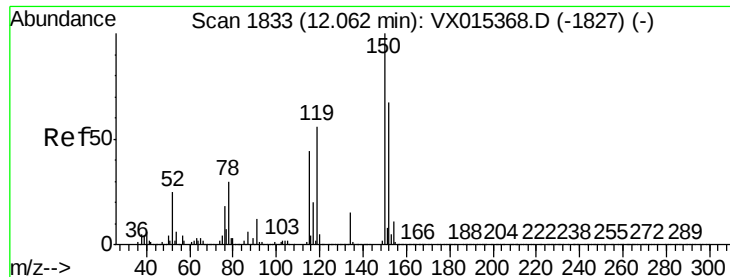


Abundance Ion 116.90 (116.60 to 117.60): VX015449.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015449.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015449.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: VX015449.D

Acq: 31 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampled :

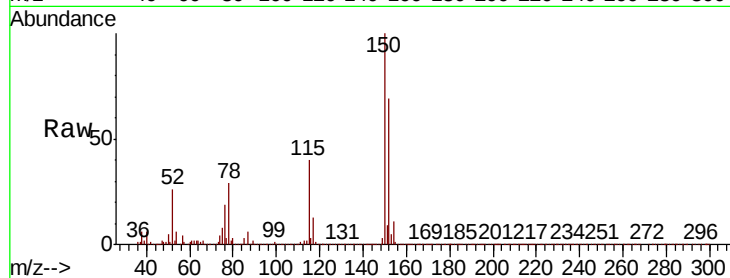
Tot Ion:152 Resp: 937308

Ion Ratio Lower Upper

152 100

115 56.8 39.0 116.9

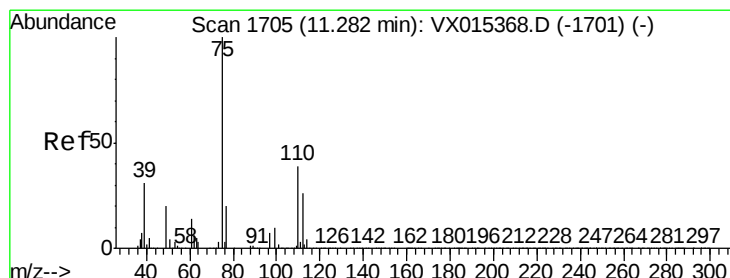
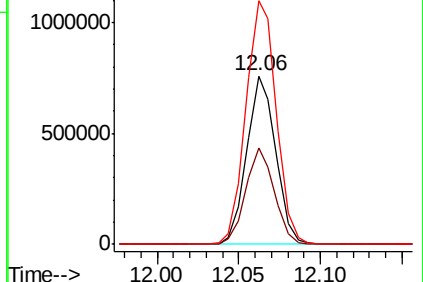
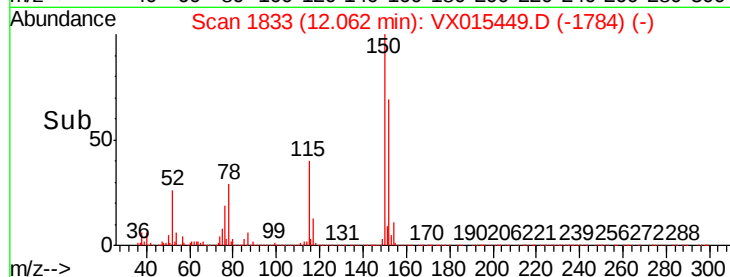
150 152.1 0.0 340.8



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: 25.271 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015449.D

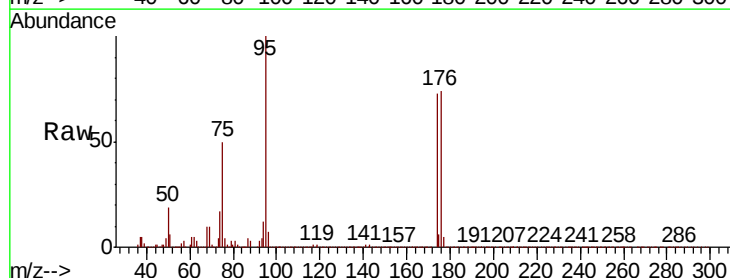
Acq: 31 Mar 2020 13:27

Tgt Ion: 75 Resp: 487098

Ion Ratio Lower Upper

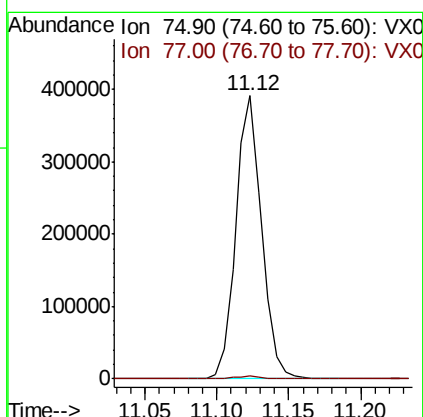
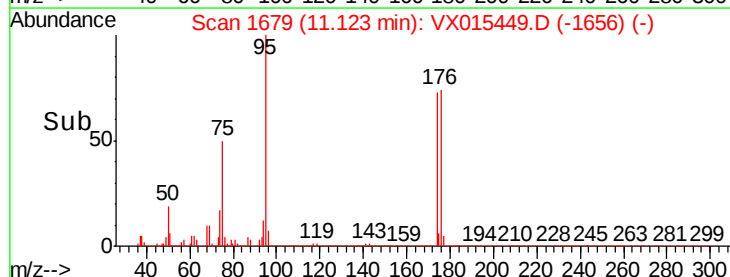
75 100

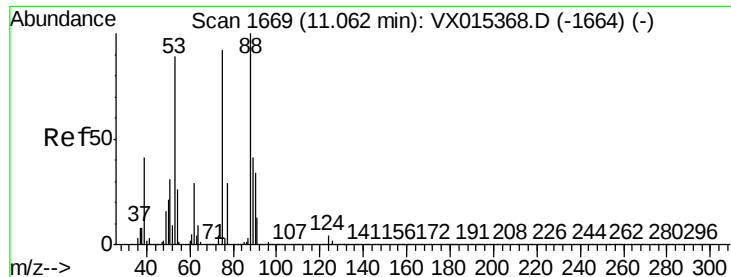
77 1.1 21.2 63.6#



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: 60.637 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015449.D

Acq: 31 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

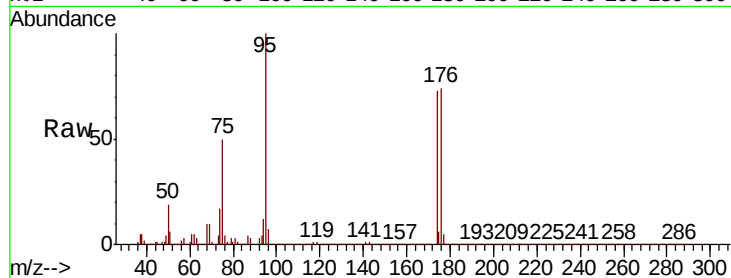
Tot Ion: 75 Resp: 487098

Ion Ratio Lower Upper

75 100

53 0.0 80.1 120.1#

89 0.0 36.1 54.1#



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

