

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015436.D
 Acq On : 30 Mar 2020 18:20
 Operator : JC/SP
 Sample : L2048-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 31 08:54:18 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	1111506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1823322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1750711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	925385	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	762008	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.47	113	576479	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	8.70	98	2209979	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	11.12	95	956767	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	

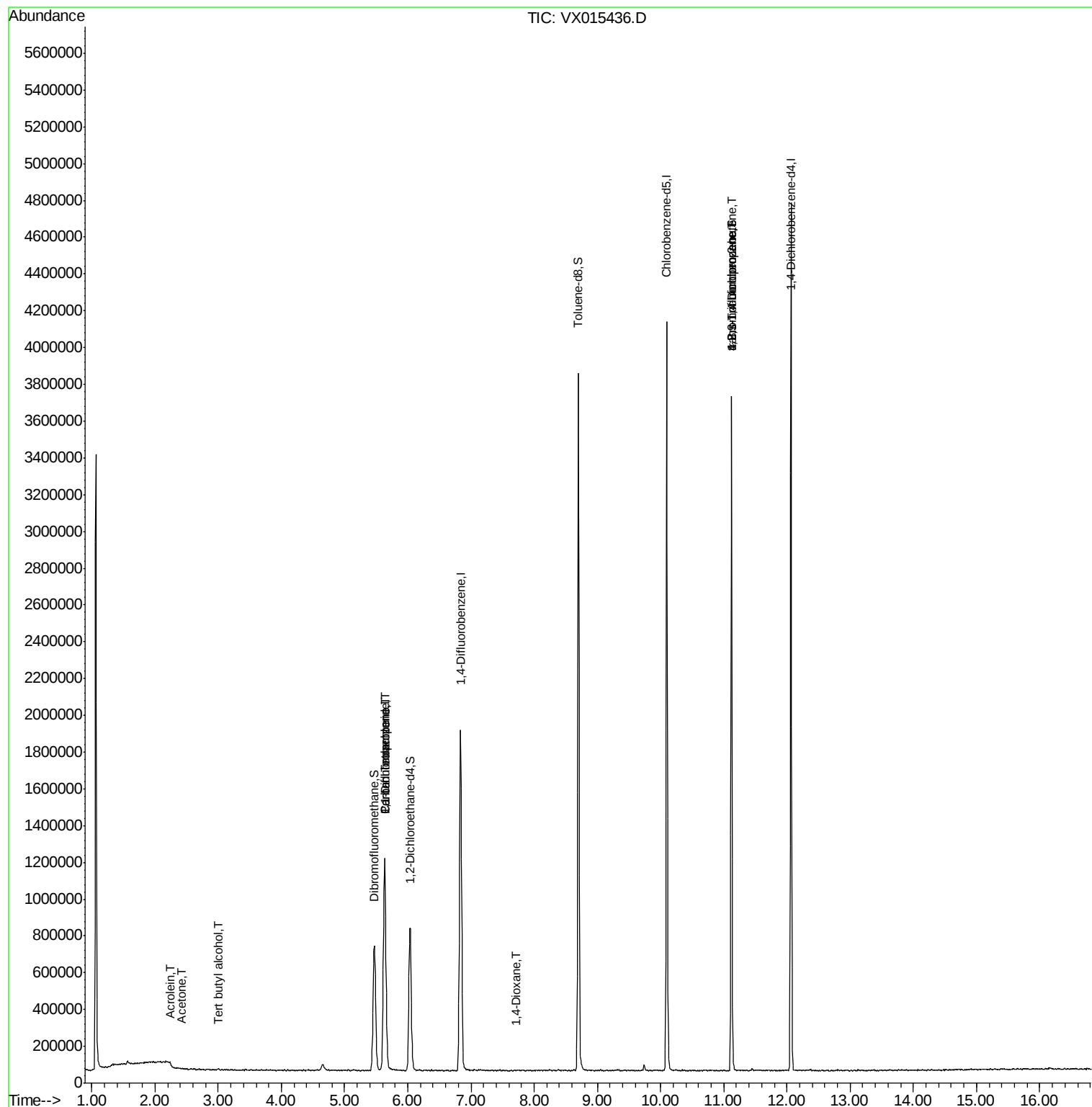
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	712	Below Cal		98
11) Tert butyl alcohol	3.00	59	5005	1.334	ug/l	95
13) Acrolein	2.25	56	831	0.389	ug/l #	14
16) Acetone	2.42	43	1485	0.220	ug/l #	20
36) 1,1-Dichloropropene	5.64	75	86352	5.140	ug/l #	52
38) Carbon Tetrachloride	5.64	117	104804	5.760	ug/l #	14
49) 1,4-Dioxane	7.72	88	333	0.968	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	494677	25.995	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	494677	62.374	ug/l #	10

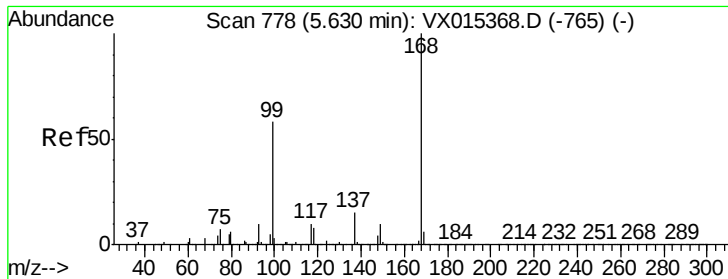
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033020\
Data File : VX015436.D
Acq On : 30 Mar 2020 18:20
Operator : JC/SP
Sample : L2048-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 31 08:54:18 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



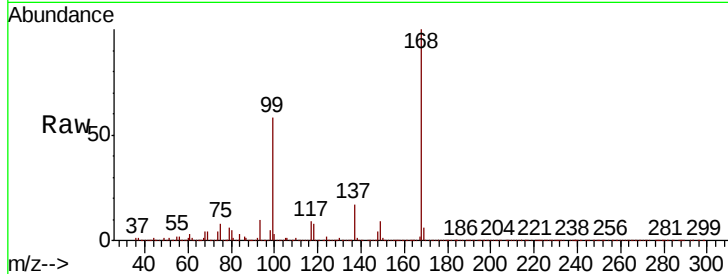


#1

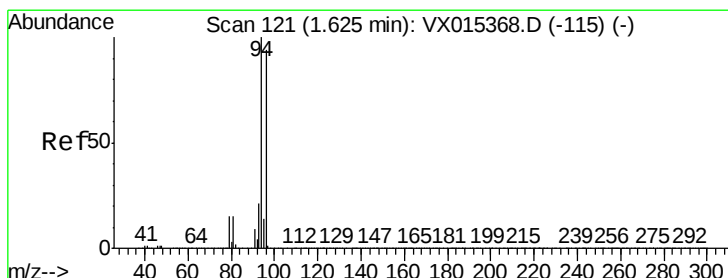
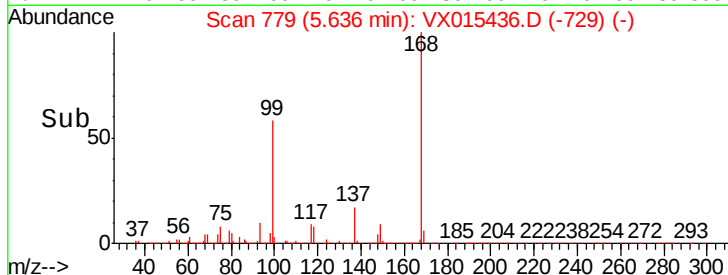
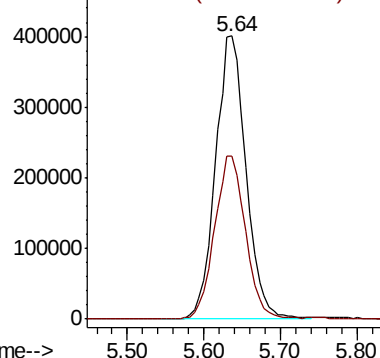
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015436.D
 Acq: 30 Mar 2020 18:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:168 Resp: 1111506
 Ion Ratio Lower Upper
 168 100
 99 57.5 46.4 69.6



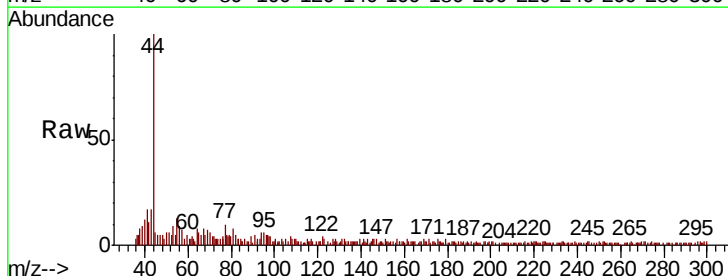
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



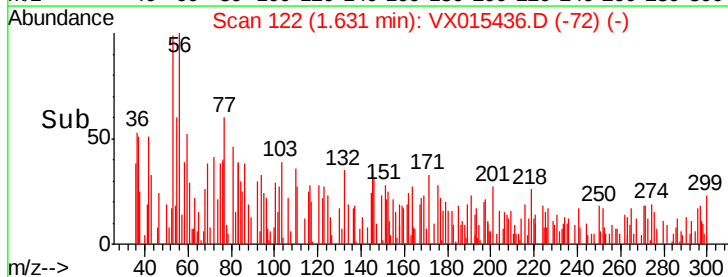
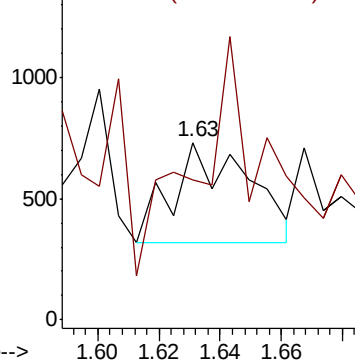
#5

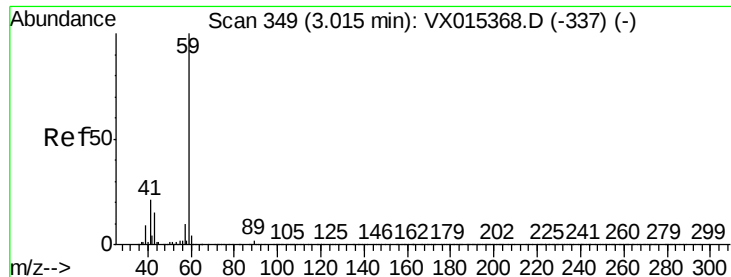
Bromomethane
 Concen: Below Cal
 RT: 1.63 min Scan# 122
 Delta R.T. 0.01 min
 Lab File: VX015436.D
 Acq: 30 Mar 2020 18:20

Tgt Ion: 94 Resp: 712
 Ion Ratio Lower Upper
 94 100
 96 95.7 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0
 Ion 95.90 (95.60 to 96.60): VX0

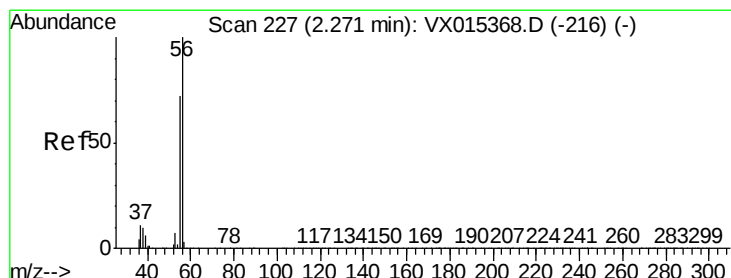
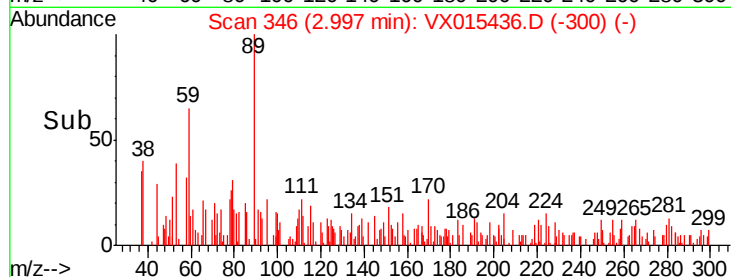
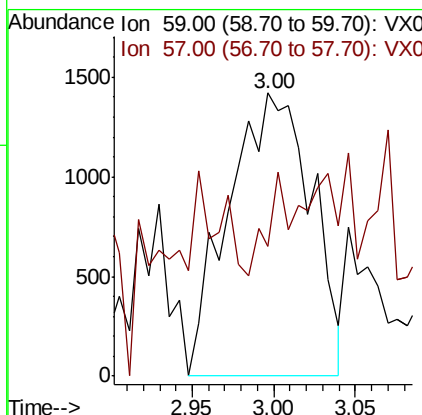
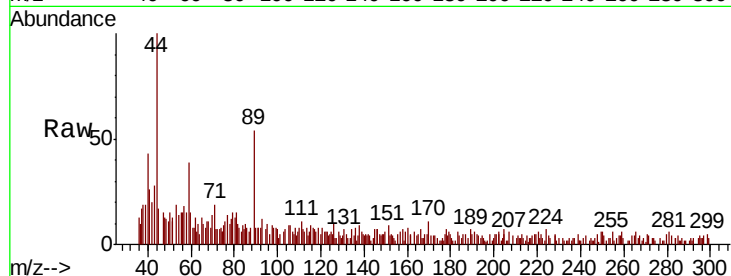




#11
Tert butyl alcohol
Concen: 1.334 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.02 min
Lab File: VX015436.D
Acq: 30 Mar 2020 18:20

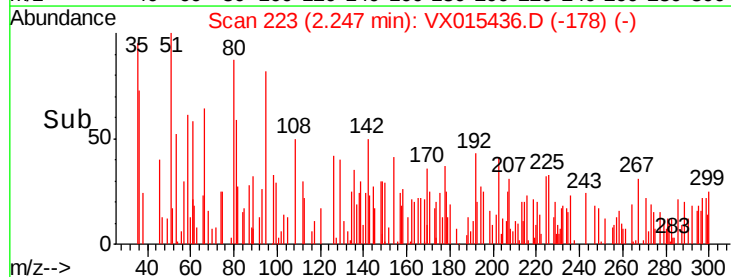
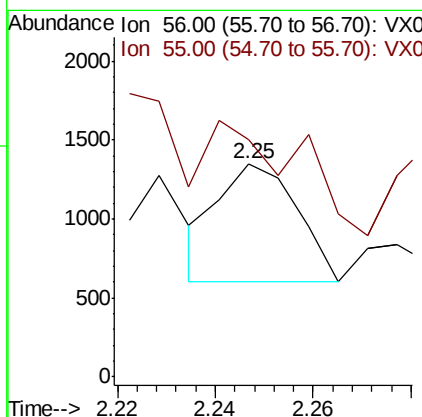
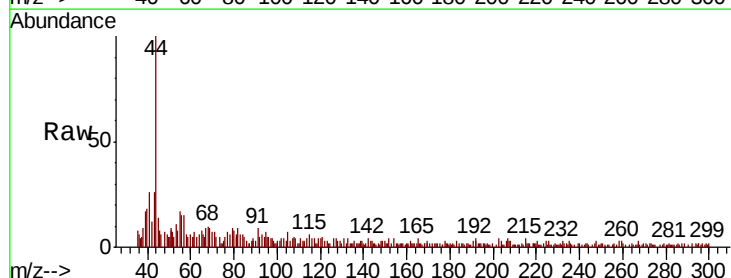
Instrument :
MSVOA_X
ClientSampled :

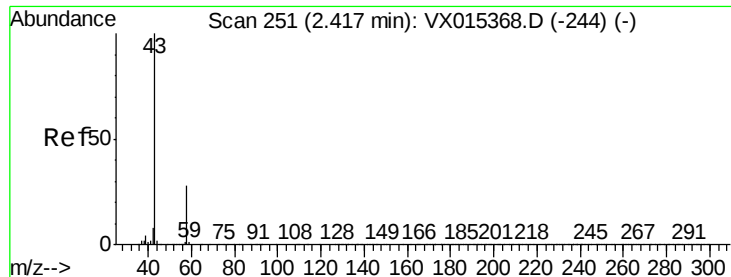
Tot Ion: 59 Resp: 5005
Ion Ratio Lower Upper
59 100
57 8.3 8.1 12.1



#13
Acrolein
Concen: 0.389 ug/l
RT: 2.25 min Scan# 223
Delta R.T. -0.02 min
Lab File: VX015436.D
Acq: 30 Mar 2020 18:20

Tgt Ion: 56 Resp: 831
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 0.220 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015436.D

Acq: 30 Mar 2020 18:20

Instrument :

MSVOA_X

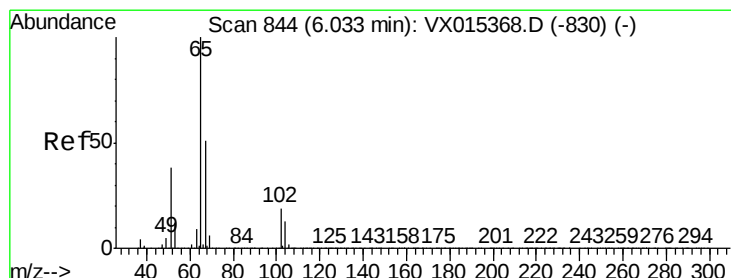
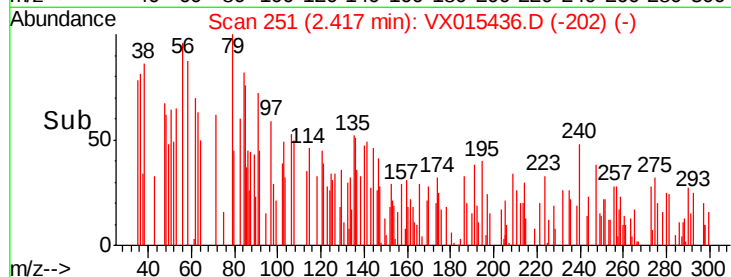
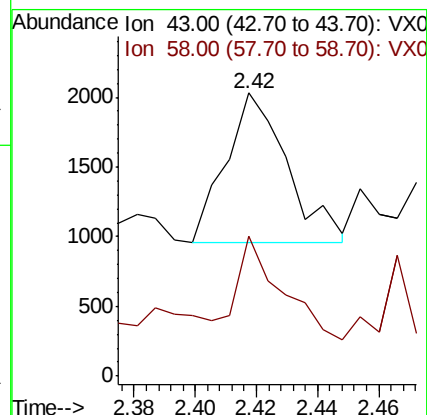
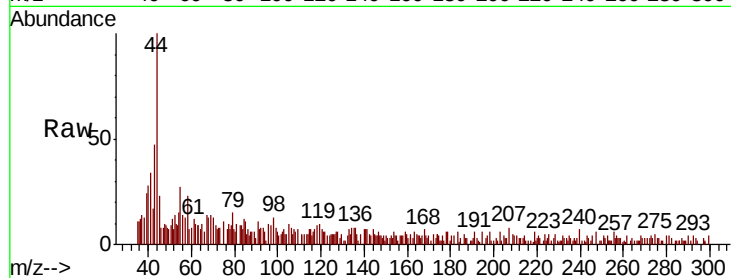
ClientSampled :

Tot Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

58 69.3 22.1 33.1#



#33

1,2-Dichloroethane-d4

Concen: 48.608 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015436.D

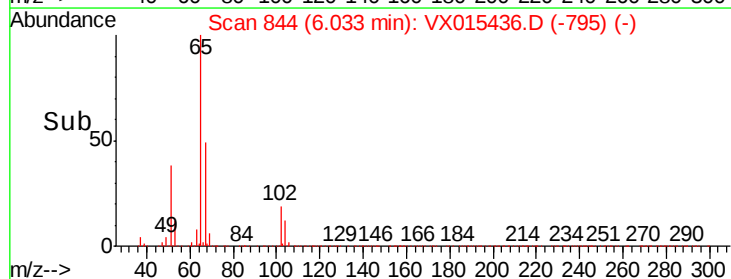
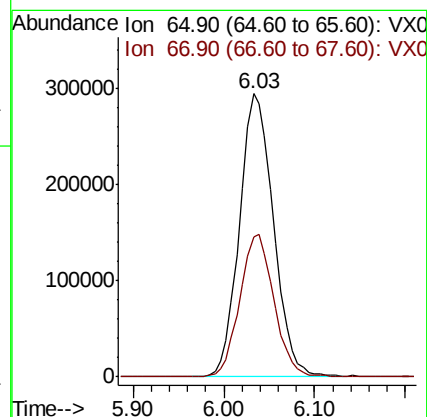
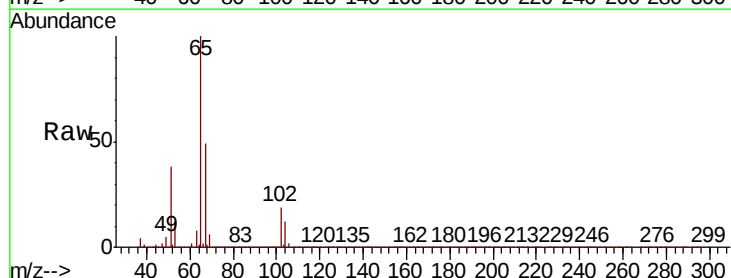
Acq: 30 Mar 2020 18:20

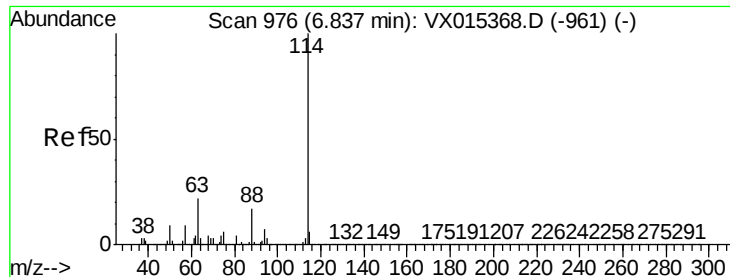
Tgt Ion: 65 Resp: 762008

Ion Ratio Lower Upper

65 100

67 50.1 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: VX015436.D

Acq: 30 Mar 2020 18:20

Instrument :

MSVOA_X

ClientSampled :

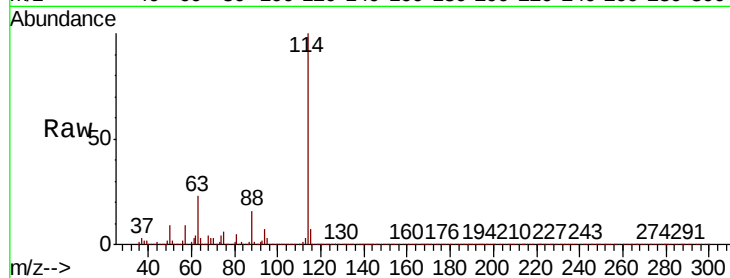
Tot Ion:114 Resp: 1823322

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

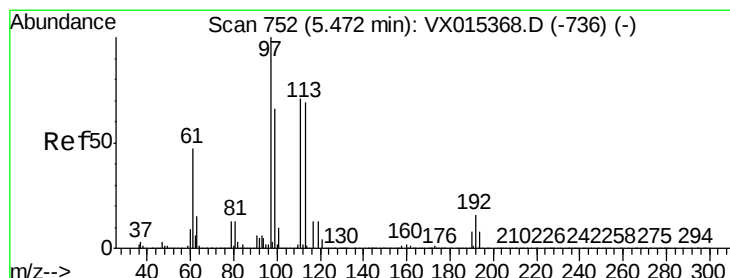
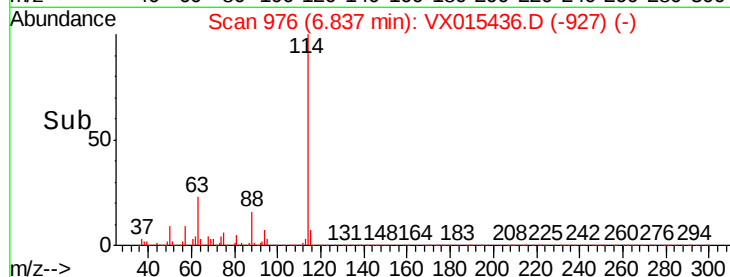
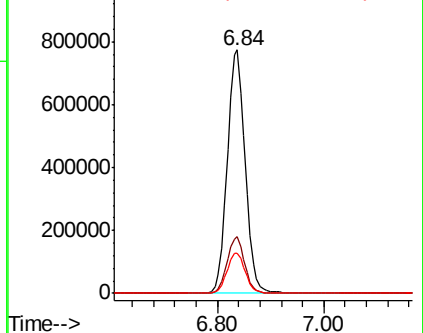
88 16.4 0.0 33.8



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: 49.461 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015436.D

Acq: 30 Mar 2020 18:20

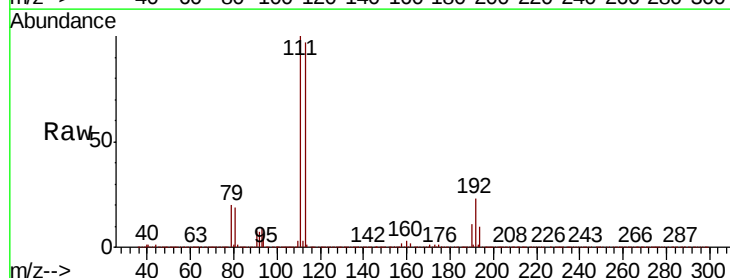
Tgt Ion:113 Resp: 576479

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

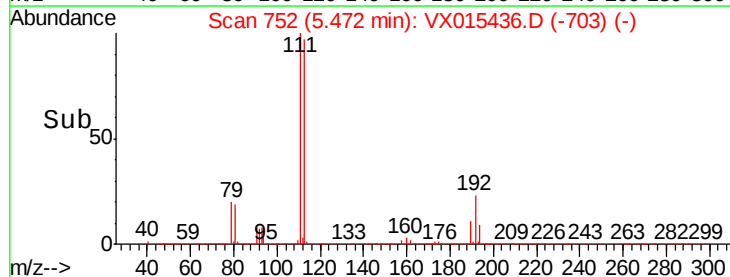
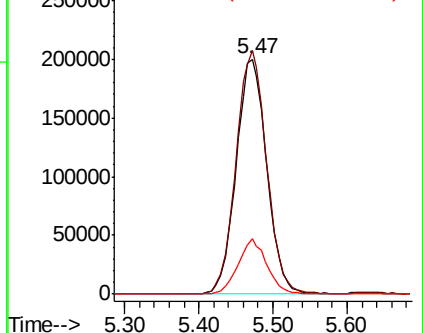
192 21.9 17.8 26.6

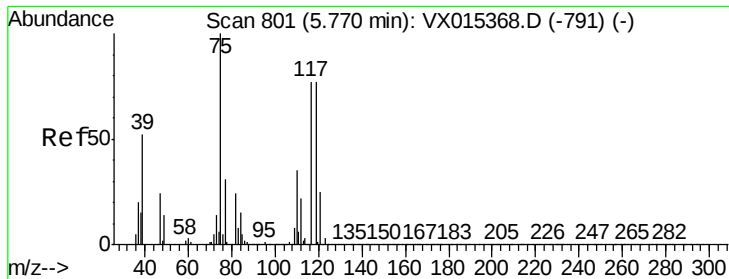


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.140 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015436.D

Acq: 30 Mar 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

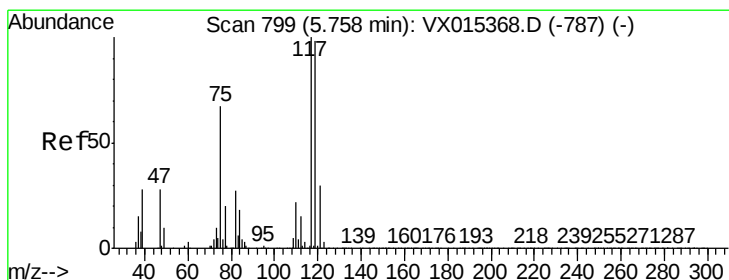
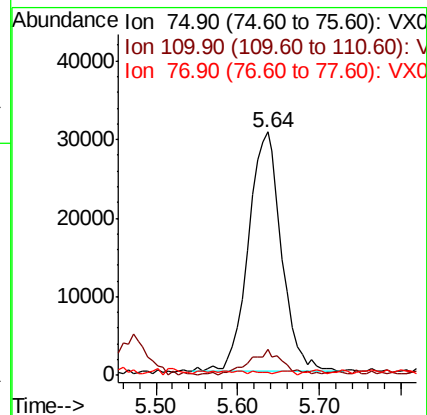
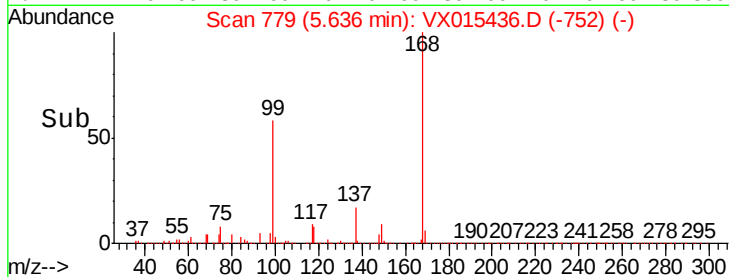
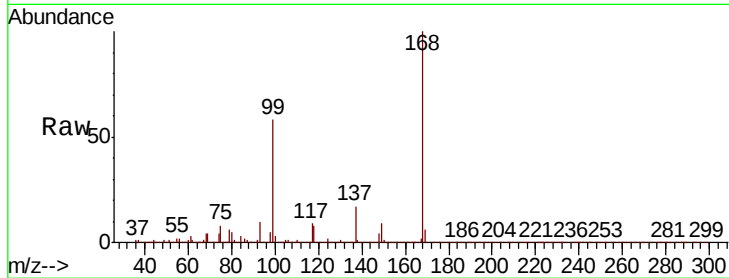
Tot Ion: 75 Resp: 86352

Ion Ratio Lower Upper

75 100

110 11.1 17.1 51.3#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.760 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015436.D

Acq: 30 Mar 2020 18:20

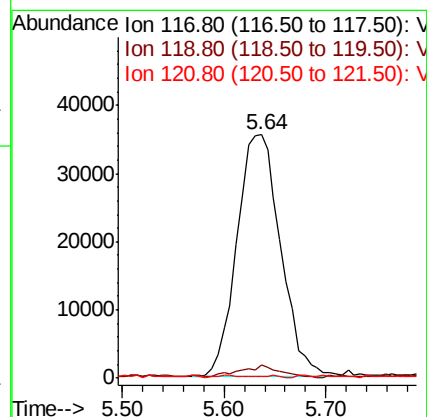
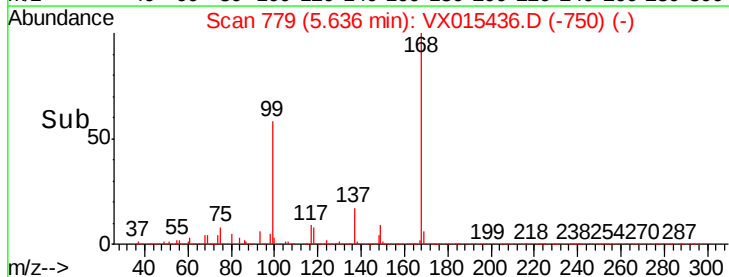
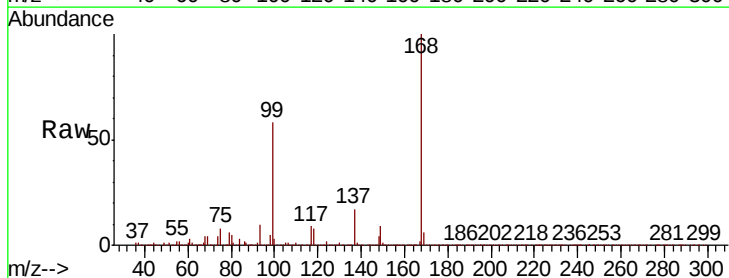
Tgt Ion: 117 Resp: 104804

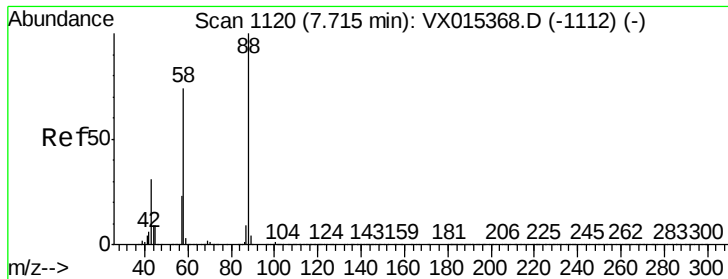
Ion Ratio Lower Upper

117 100

119 4.0 78.0 117.0#

121 0.0 23.8 35.8#

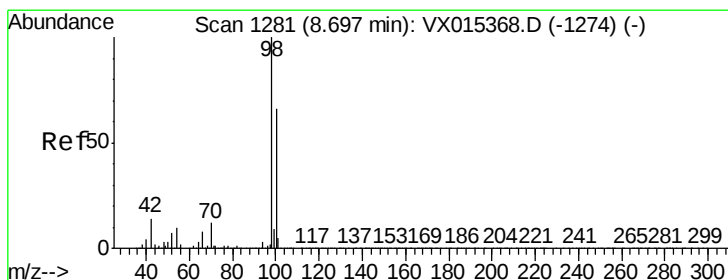
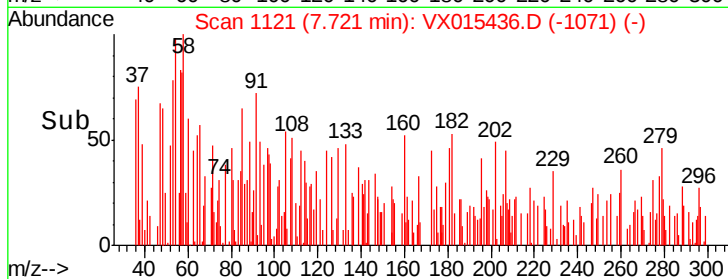
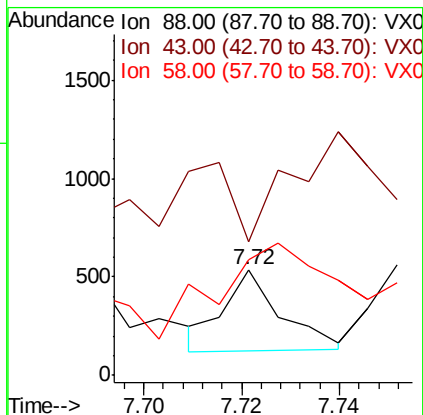
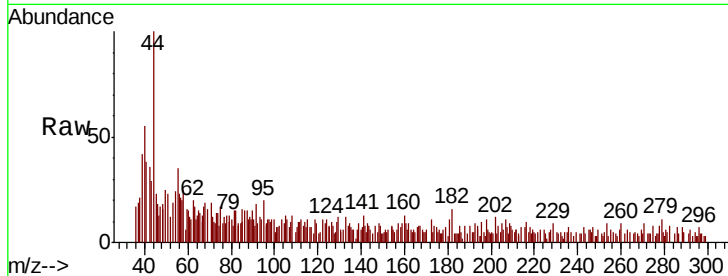




#49
1,4-Dioxane
Concen: 0.968 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015436.D
Acq: 30 Mar 2020 18:20

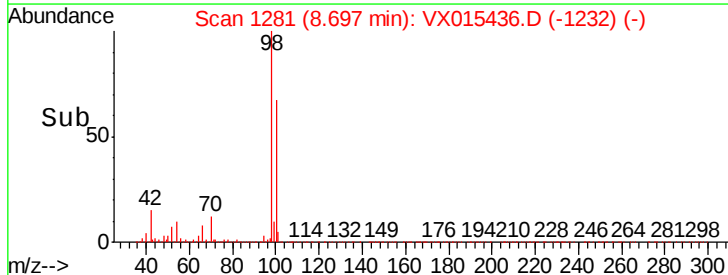
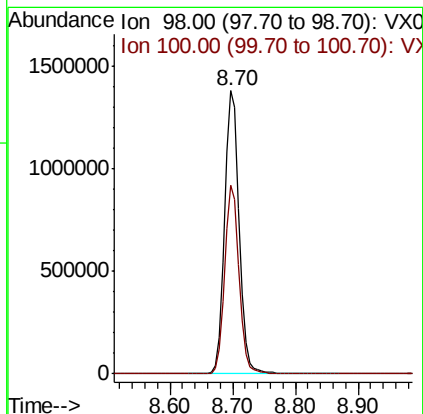
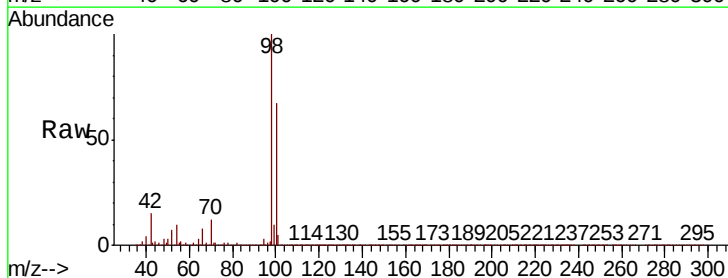
Instrument :
MSVOA_X
ClientSampleId :

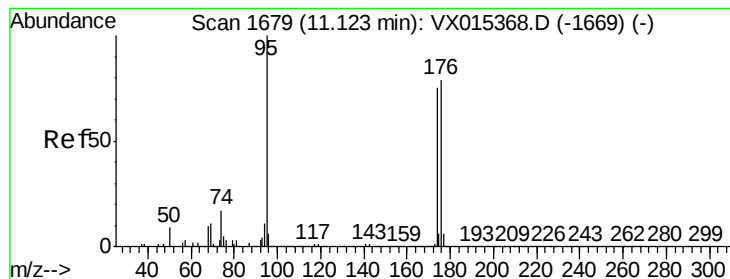
Tot Ion: 88 Resp: 333
Ion Ratio Lower Upper
88 100
43 131.5 30.1 45.1#
58 241.7 60.6 90.8#



#50
Toluene-d8
Concen: 51.501 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015436.D
Acq: 30 Mar 2020 18:20

Tgt Ion: 98 Resp: 2209979
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 54.863 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015436.D

Acq: 30 Mar 2020 18:20

Instrument :

MSVOA_X

ClientSampleId :

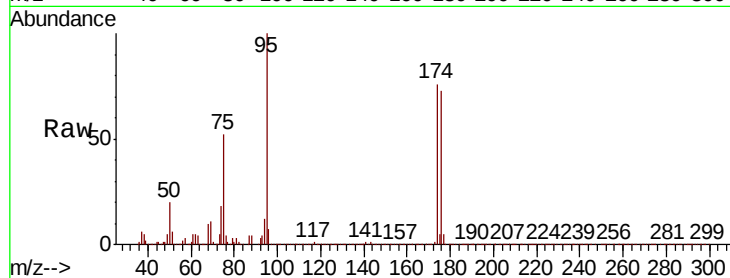
Tot Ion: 95 Resp: 956767

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	158.6
176	74.8	0.0	159.0

95 100

174 79.5 0.0 158.6

176 74.8 0.0 159.0

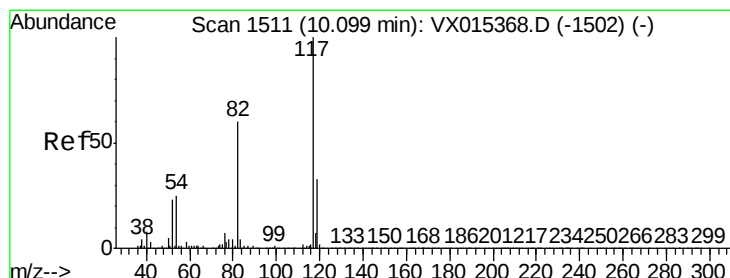
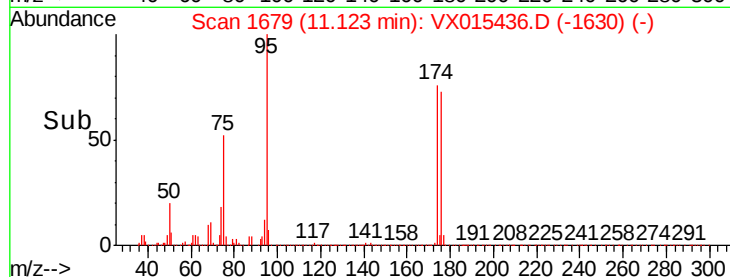
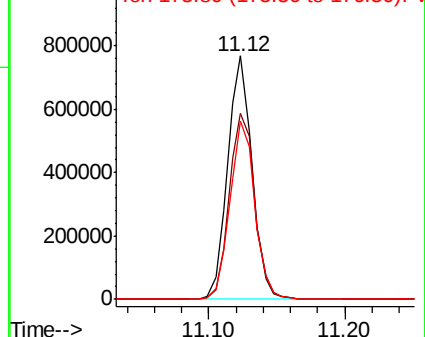


Abundance

Ion 94.90 (94.60 to 95.60): VX015436.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015436.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015436.D (-1669) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015436.D

Acq: 30 Mar 2020 18:20

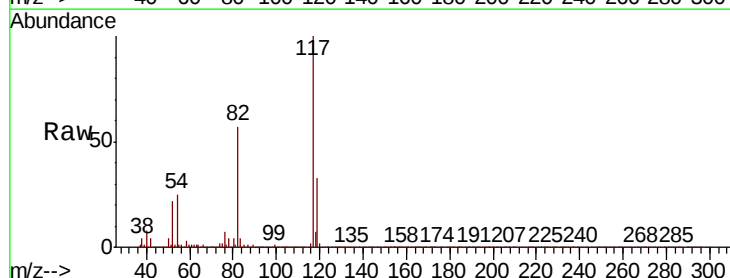
Tgt Ion: 117 Resp: 1750711

Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.8	71.8
119	33.2	26.8	40.2

117 100

82 56.9 47.8 71.8

119 33.2 26.8 40.2

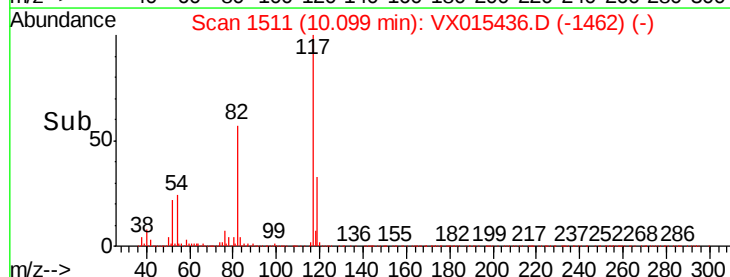
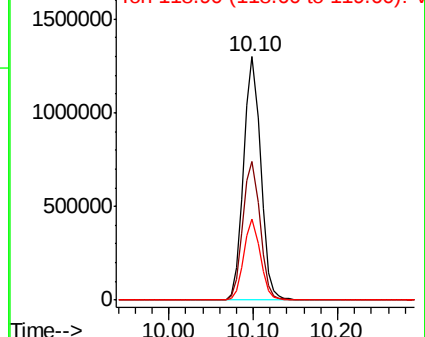


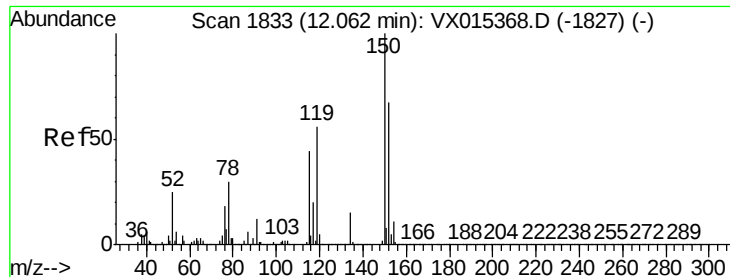
Abundance

Ion 116.90 (116.60 to 117.60): VX015436.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015436.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015436.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: VX015436.D

Acq: 30 Mar 2020 18:20

Instrument :

MSVOA_X

ClientSampled :

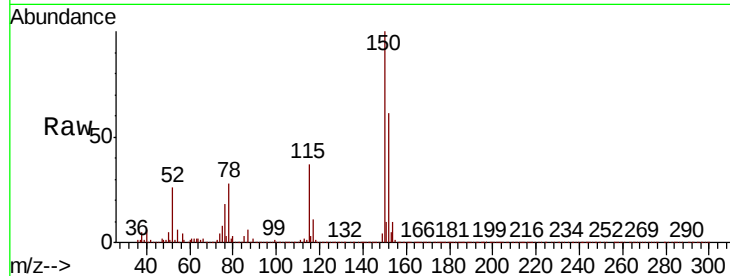
Tot Ion:152 Resp: 925385

Ion Ratio Lower Upper

152 100

115 58.5 39.0 116.9

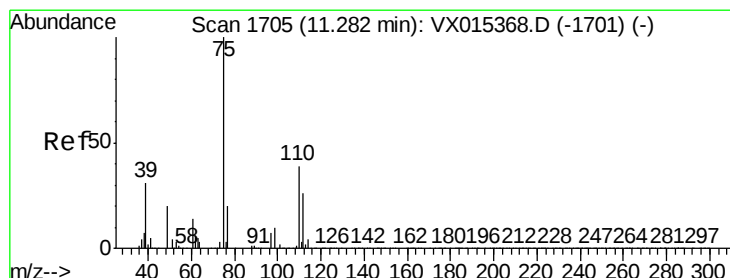
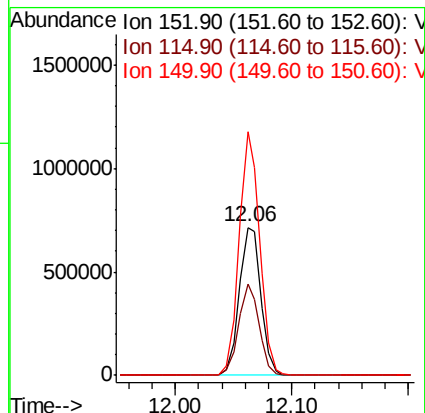
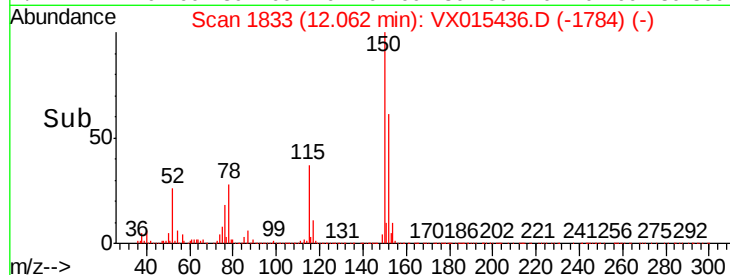
150 156.6 0.0 340.8



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: 25.995 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015436.D

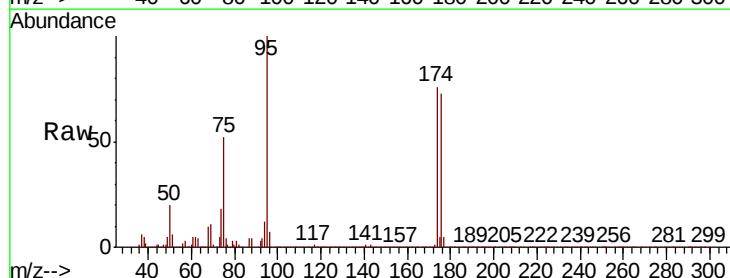
Acq: 30 Mar 2020 18:20

Tgt Ion: 75 Resp: 494677

Ion Ratio Lower Upper

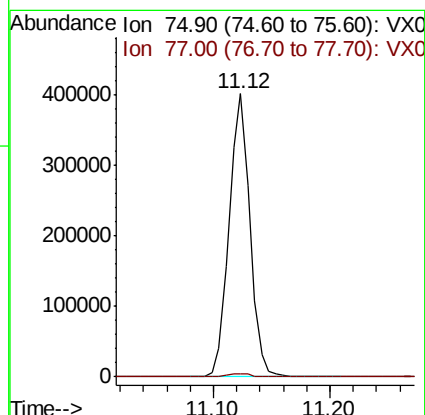
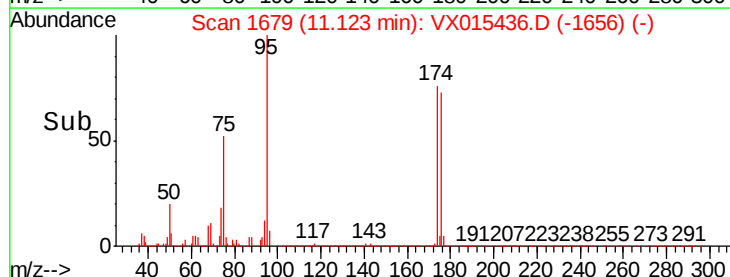
75 100

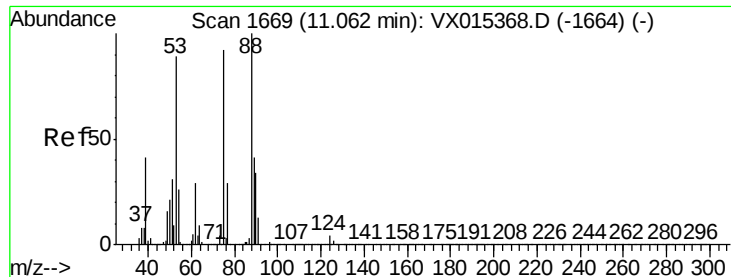
77 1.1 21.2 63.6#



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: 62.374 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015436.D
 Acq: 30 Mar 2020 18:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 494677
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 36.1 54.1#

