

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
 Data File : VX015451.D
 Acq On : 31 Mar 2020 14:12
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 07:32:04 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	1132010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1829730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1749541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	942715	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	766997	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
35) Dibromofluoromethane	5.47	113	577755	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
50) Toluene-d8	8.70	98	2210144	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.12	95	956349	54.65	ug/l	0.00
Spiked Amount			Recovery	=	109.30%	

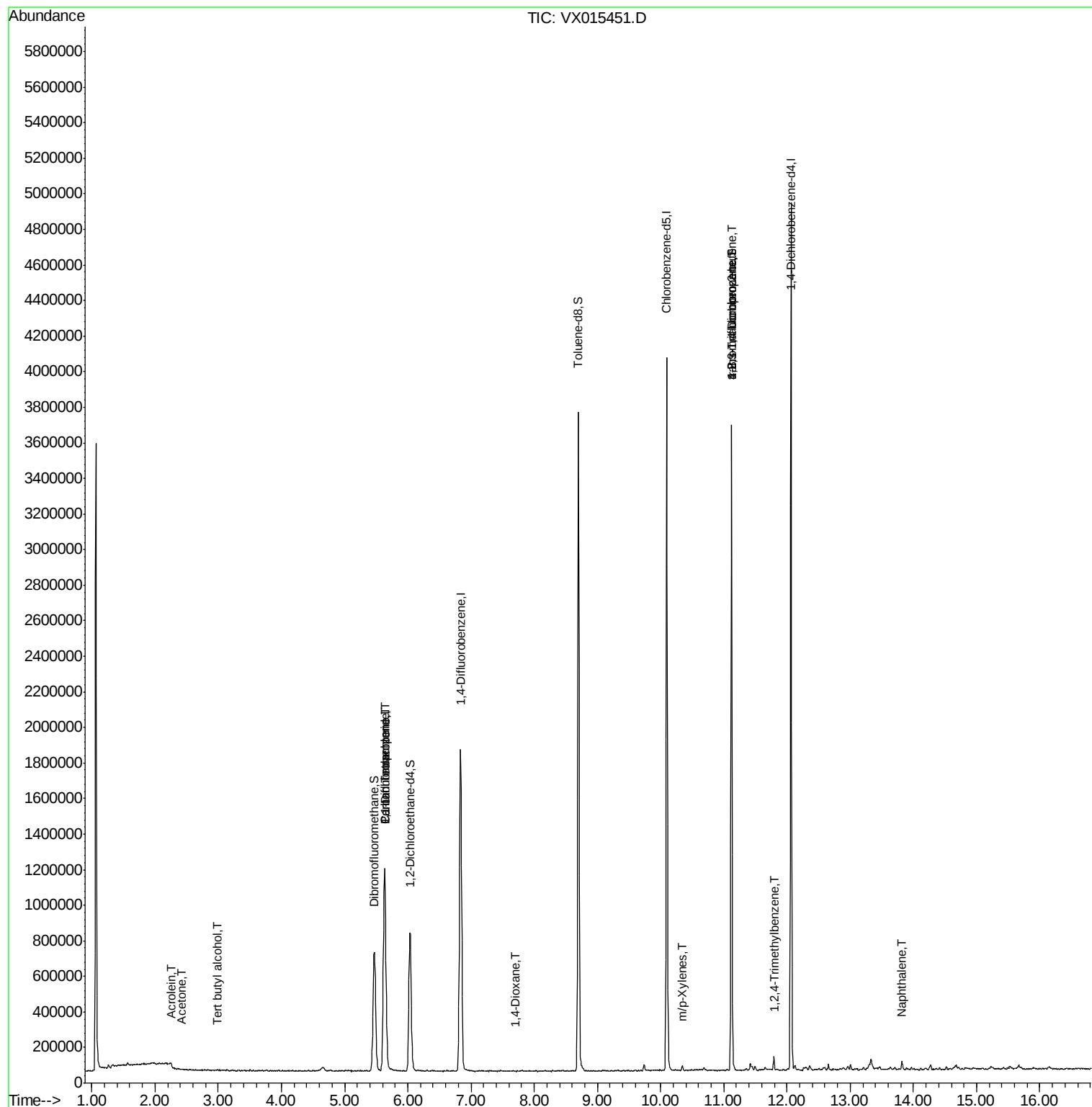
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	679	Below Cal		93
11) Tert butyl alcohol	2.99	59	1280	0.335	ug/l	98
13) Acrolein	2.25	56	1815	0.834	ug/l #	33
16) Acetone	2.42	43	3460	0.504	ug/l	100
36) 1,1-Dichloropropene	5.63	75	81576	4.839	ug/l #	54
38) Carbon Tetrachloride	5.63	117	109183	5.979	ug/l #	16
49) 1,4-Dioxane	7.70	88	1010	2.925	ug/l #	64
68) m/p-Xylenes	10.34	106	6761	0.293	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	492259	25.392	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	492259	60.928	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.79	105	32598	0.606	ug/l	99
95) Naphthalene	13.82	128	29108	0.418	ug/l #	95

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

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Quant Time: Apr 01 07:32:04 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: VX015451.D

Acq: 31 Mar 2020 14:12

Instrument :

MSVOA_X

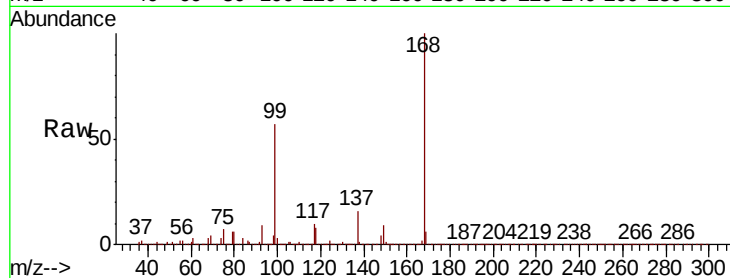
ClientSampled :

Tot Ion:168 Resp: 1132010

Ion Ratio Lower Upper

168 100

99 57.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

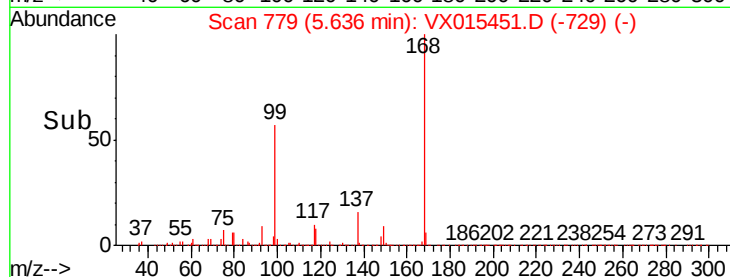
200000

100000

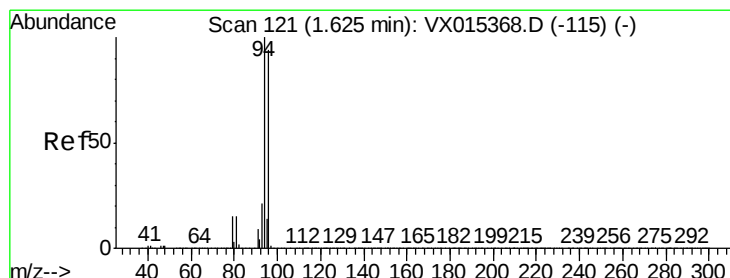
0

5.64

5.50 5.60 5.70 5.80



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 125

Delta R.T. 0.03 min

Lab File: VX015451.D

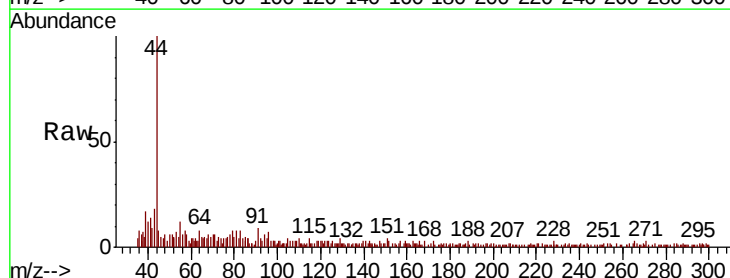
Acq: 31 Mar 2020 14:12

Tgt Ion: 94 Resp: 679

Ion Ratio Lower Upper

94 100

96 86.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

600

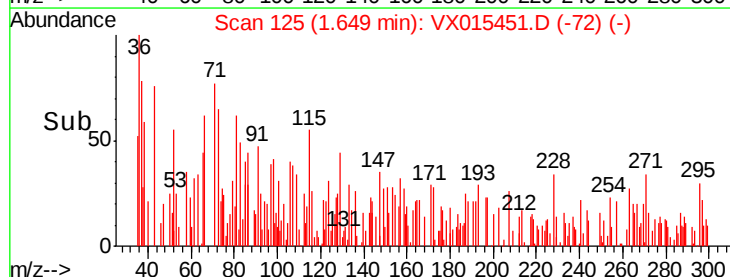
400

200

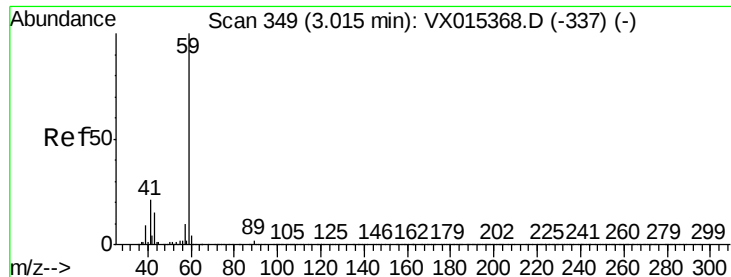
0

1.65

1.60 1.65 1.70



Time-->

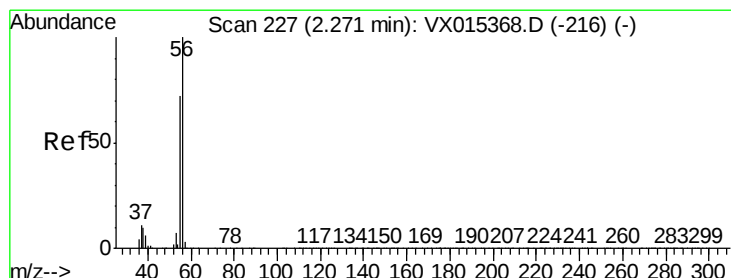
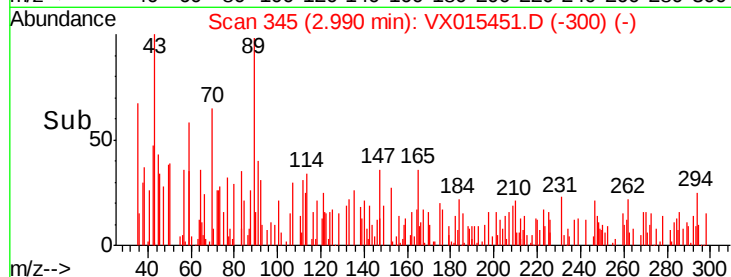
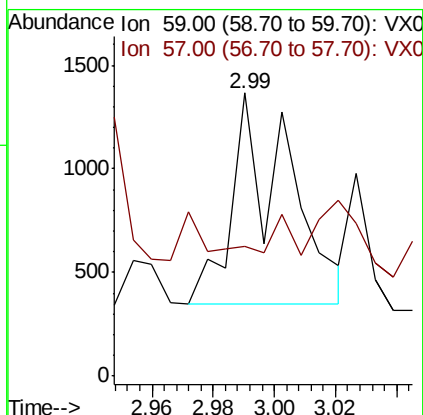
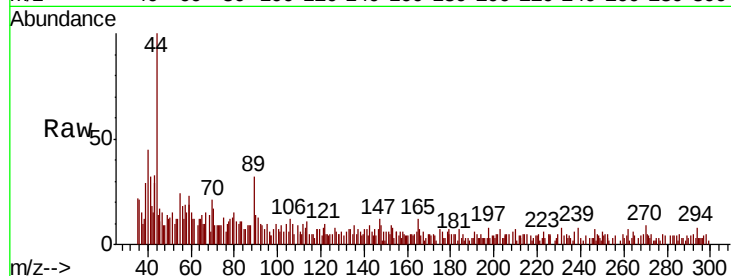


#11

Tert butyl alcohol
Concen: 0.335 ug/l
RT: 2.99 min Scan# 345
Delta R.T. -0.02 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :

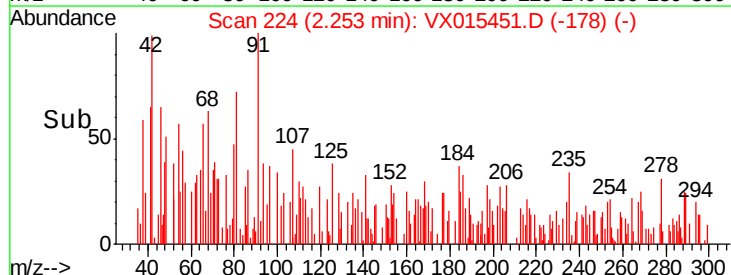
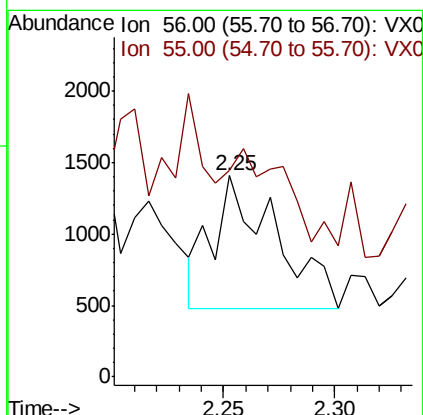
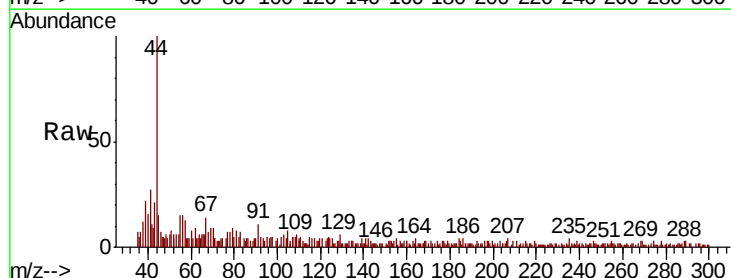
Tot Ion: 59 Resp: 1280
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1

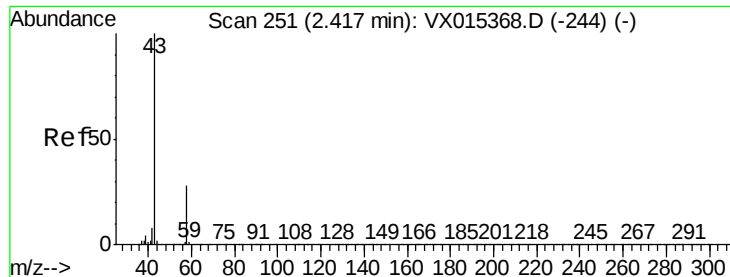


#13

Acrolein
Concen: 0.834 ug/l
RT: 2.25 min Scan# 224
Delta R.T. -0.02 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 56 Resp: 1815
Ion Ratio Lower Upper
56 100
55 15.6 57.0 85.4#

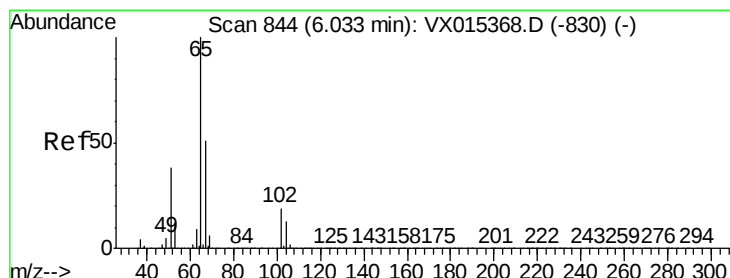
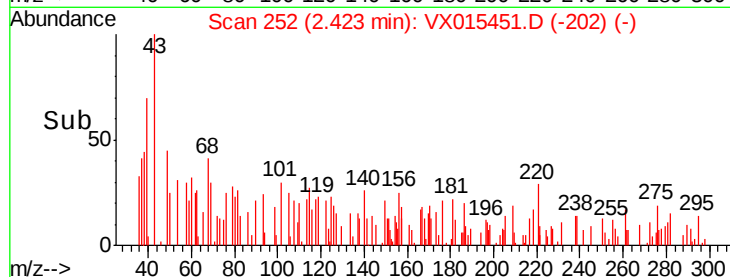
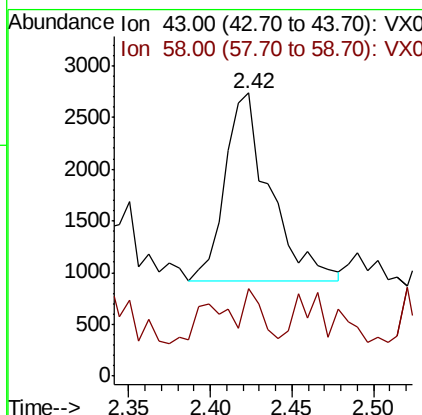
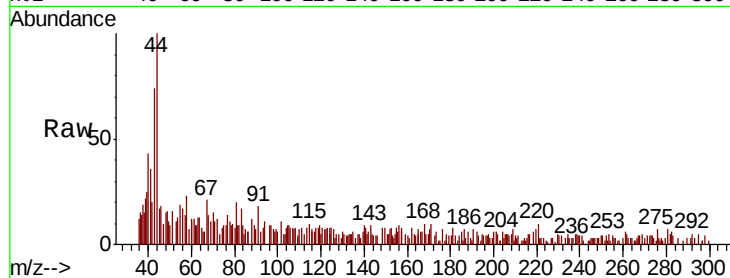




#16
Acetone
Concen: 0.504 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

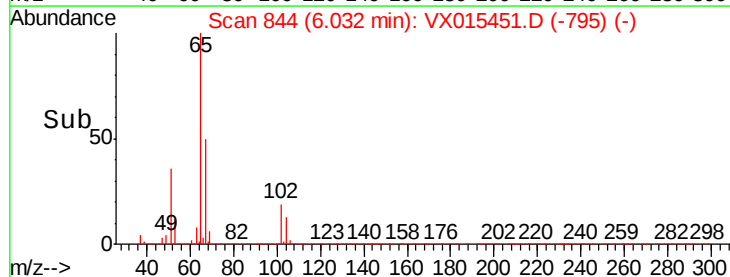
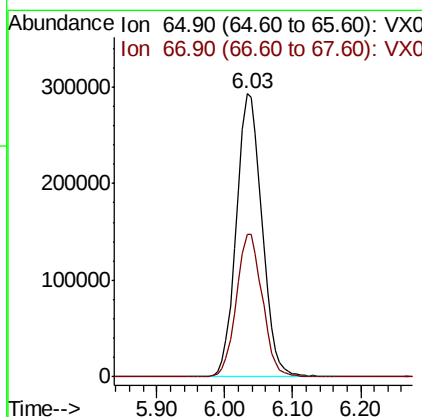
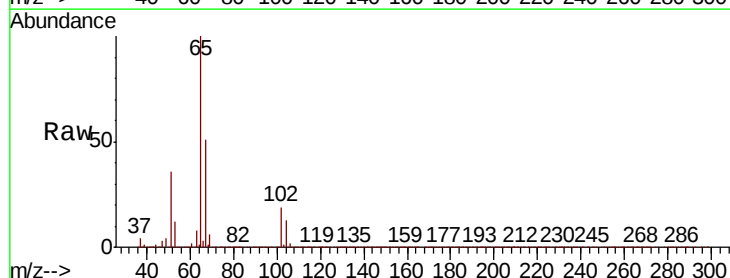
Instrument :
MSVOA_X
ClientSampled :

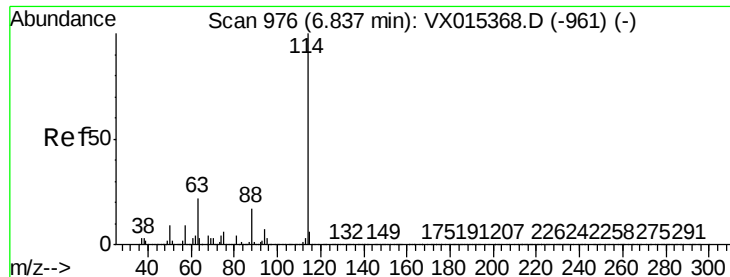
Tot Ion: 43 Resp: 3460
Ion Ratio Lower Upper
43 100
58 27.4 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 48.040 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 65 Resp: 766997
Ion Ratio Lower Upper
65 100
67 50.8 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: VX015451.D

Acq: 31 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

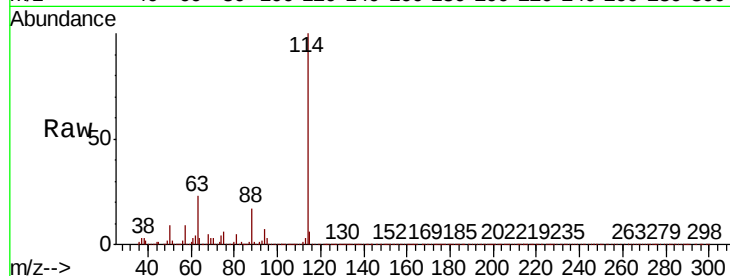
Tot Ion:114 Resp: 1829730

Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.2

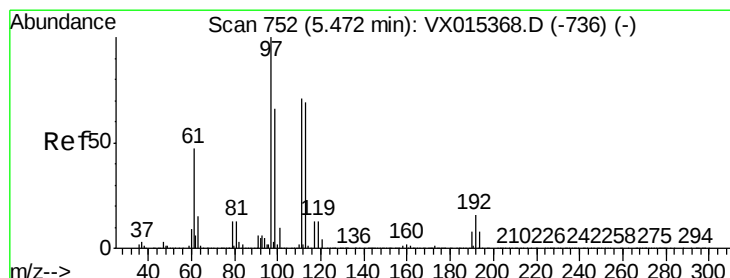
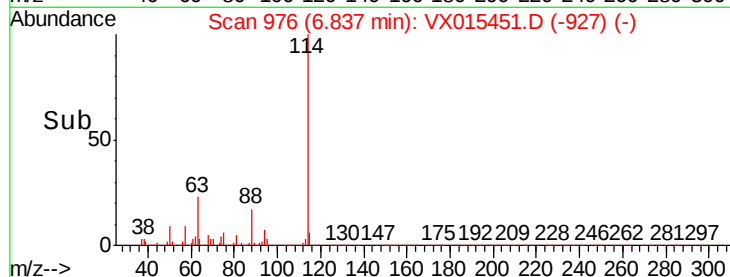
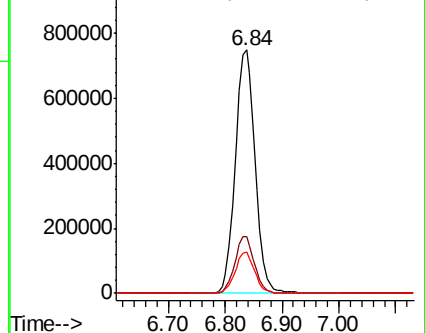
88 16.7 0.0 33.8



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: 49.397 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015451.D

Acq: 31 Mar 2020 14:12

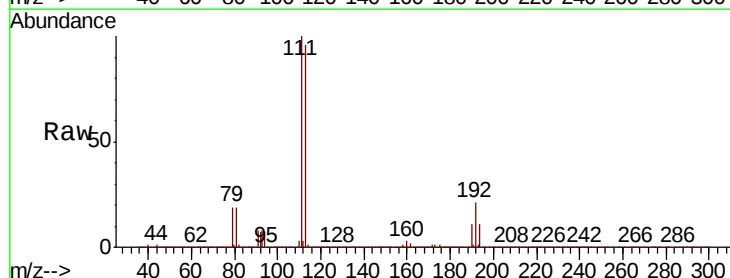
Tgt Ion:113 Resp: 577755

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

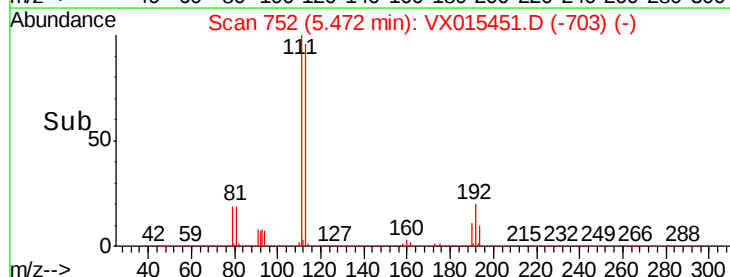
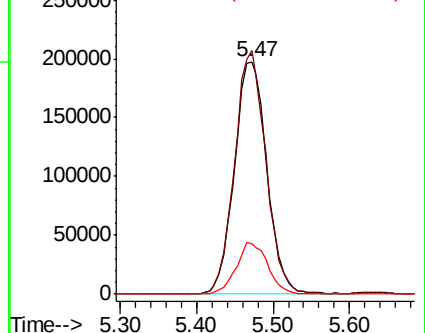
192 21.6 17.8 26.6

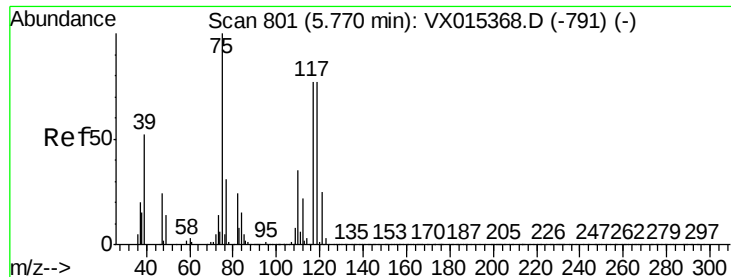


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

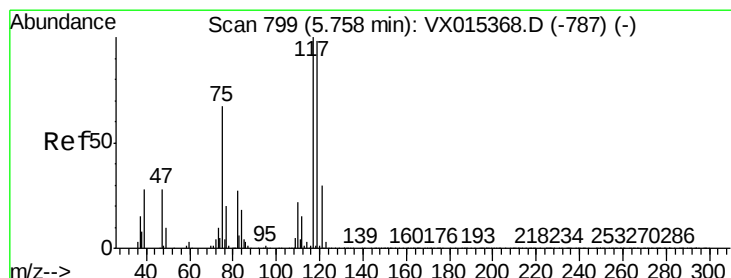
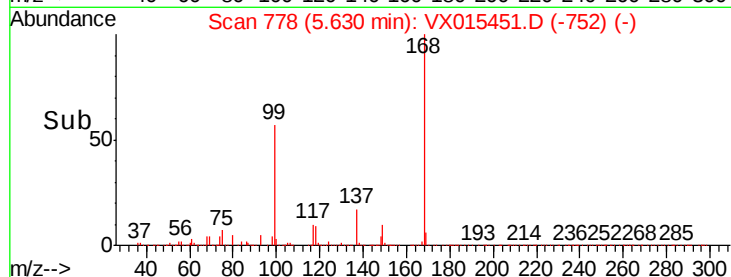
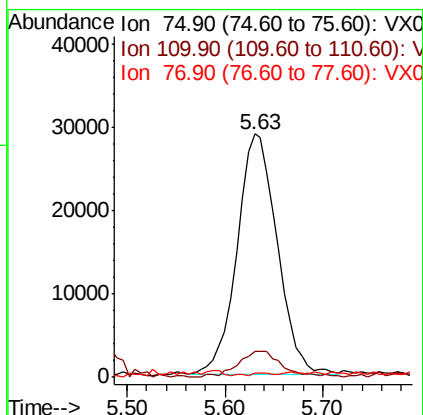
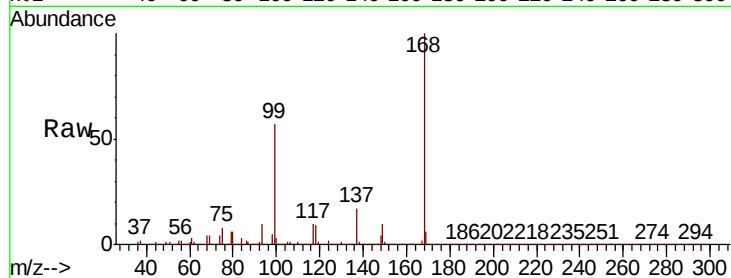




#36
 1,1-Dichloropropene
 Concen: 4.839 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015451.D
 Acq: 31 Mar 2020 14:12

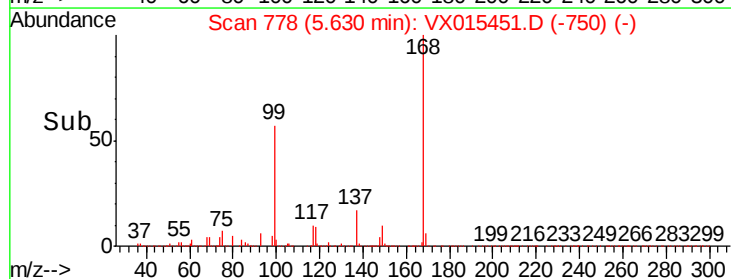
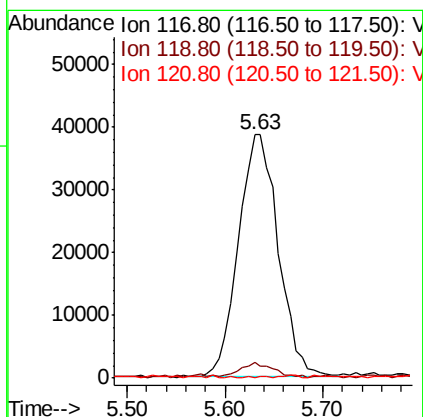
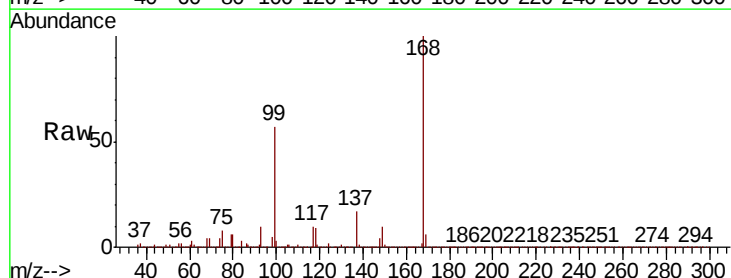
Instrument :
 MSVOA_X
 ClientSampleId :

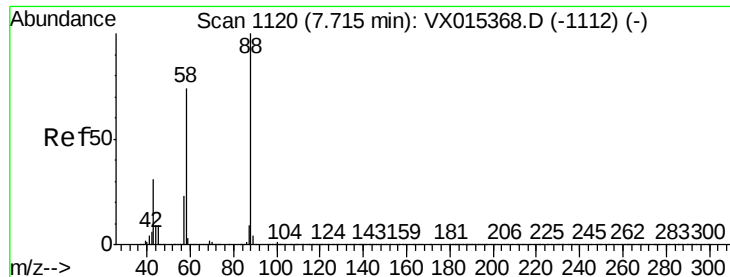
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.8	17.1	51.3#
77	0.8	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.979 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.13 min
 Lab File: VX015451.D
 Acq: 31 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.0	117.0#
121	0.0	23.8	35.8#





#49

1,4-Dioxane

Concen: 2.925 ug/l

RT: 7.70 min Scan# 1118

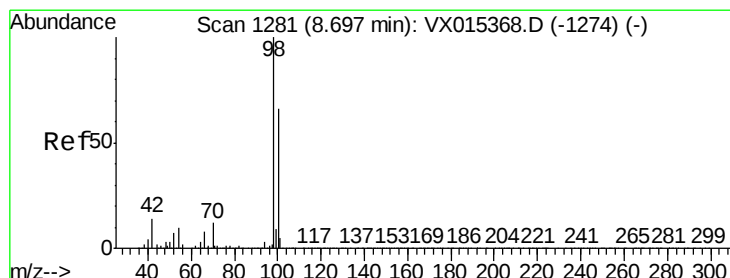
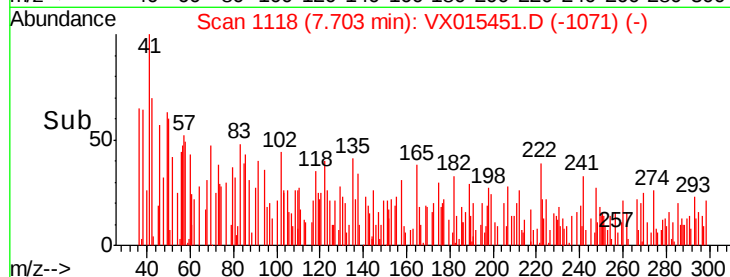
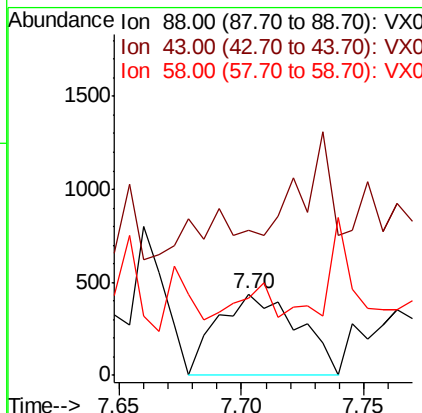
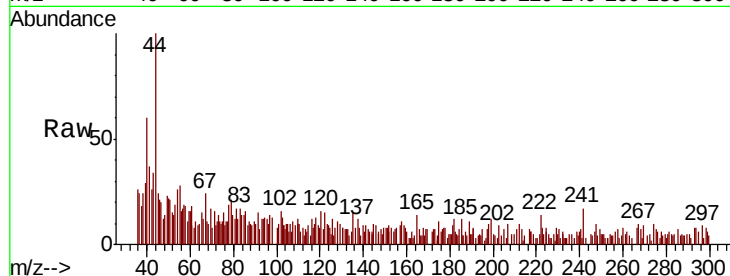
Delta R.T. -0.01 min

Lab File: VX015451.D

Acq: 31 Mar 2020 14:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 1010
Ion Ratio Lower Upper
88 100
43 33.3 30.1 45.1
58 32.6 60.6 90.8#



#50

Toluene-d8

Concen: 51.325 ug/l

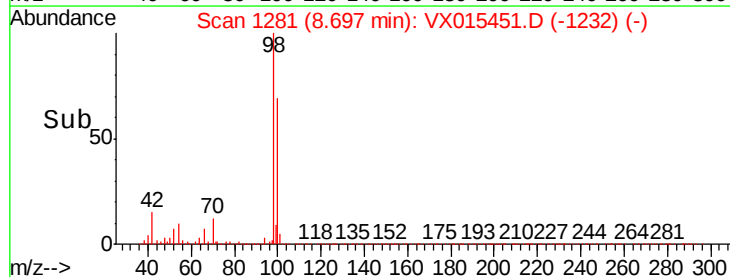
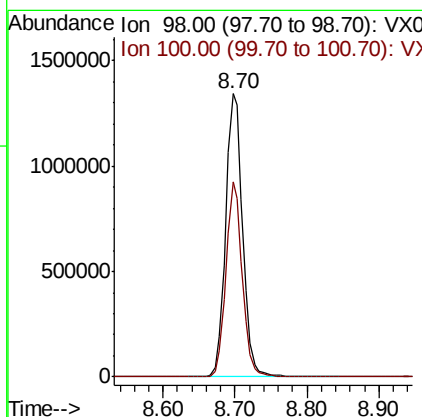
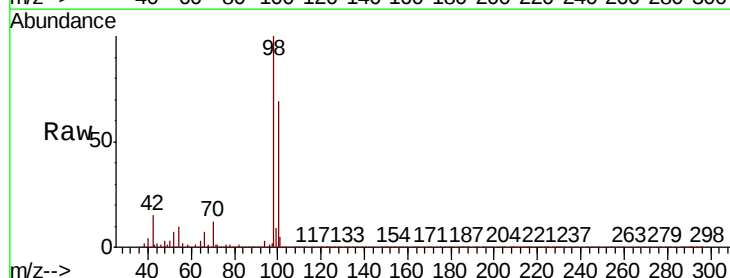
RT: 8.70 min Scan# 1281

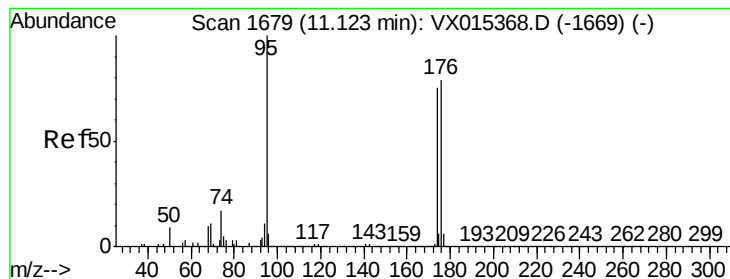
Delta R.T. -0.00 min

Lab File: VX015451.D

Acq: 31 Mar 2020 14:12

Tgt Ion: 98 Resp: 2210144
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 54.647 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015451.D

Acq: 31 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampled :

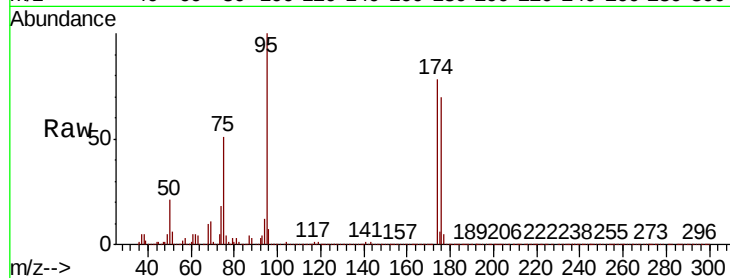
Tot Ion: 95 Resp: 956349

Ion Ratio Lower Upper

95 100

174 79.3 0.0 158.6

176 76.2 0.0 159.0

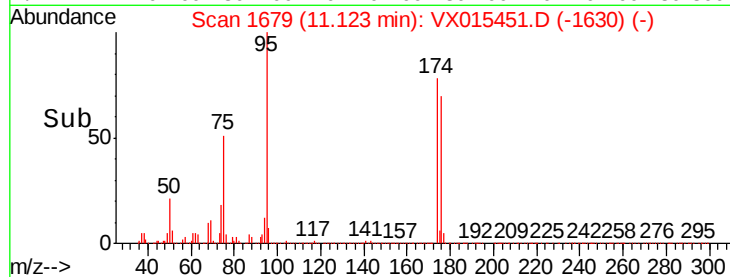


Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)

Time-->

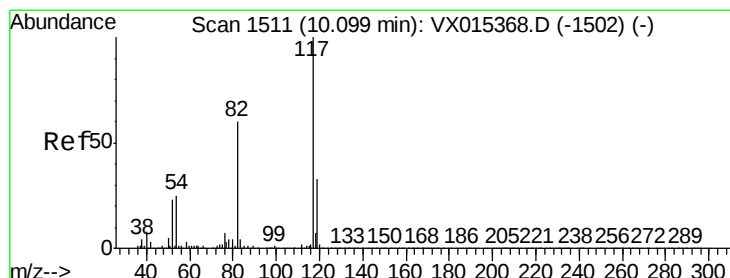


Abundance Ion 94.90 (94.60 to 95.60): VX015451.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015451.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015451.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015451.D

Acq: 31 Mar 2020 14:12

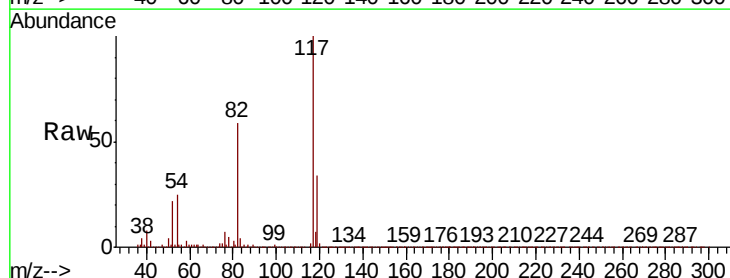
Tgt Ion: 117 Resp: 1749541

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.8

119 34.0 26.8 40.2

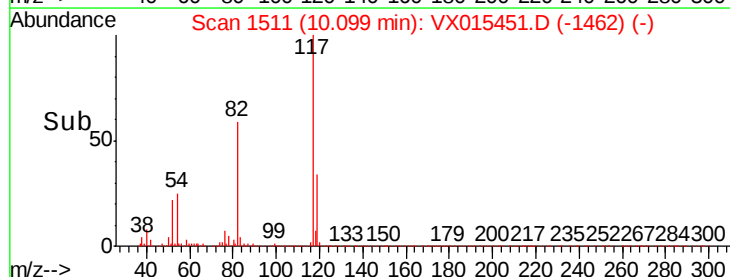


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)

Time-->

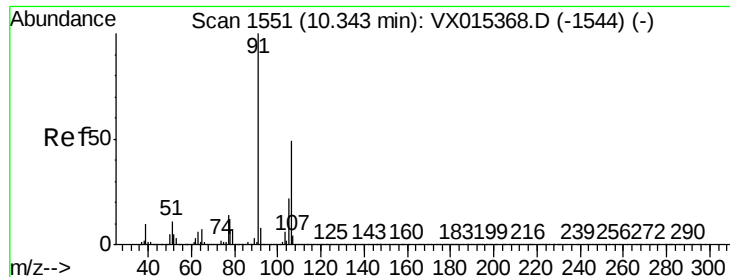


Abundance Ion 116.90 (116.60 to 117.60): VX015451.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015451.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015451.D (-1462) (-)

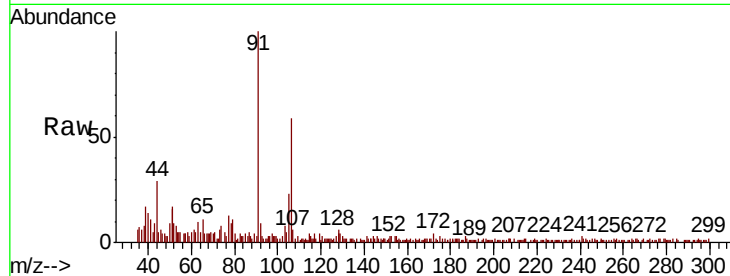
Time-->



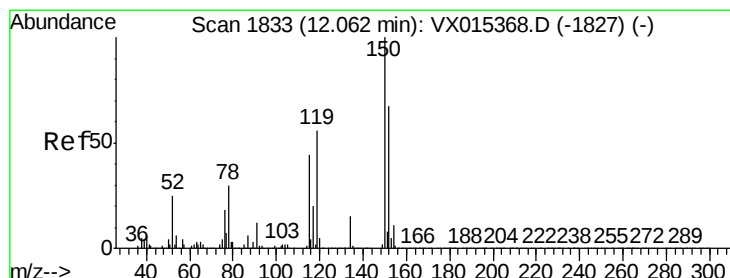
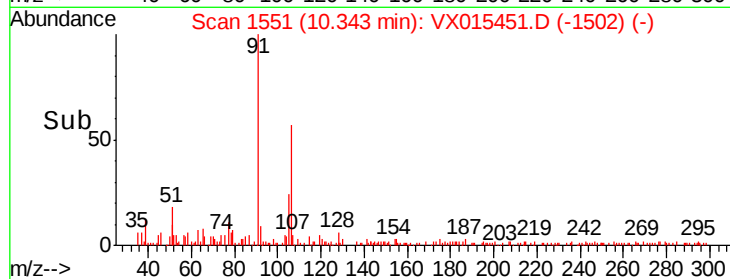
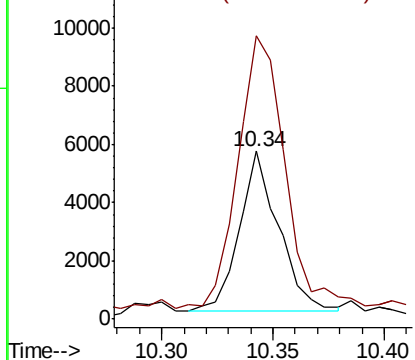
#68
m/p-Xvlenes
Concen: 0.293 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 6761
Ion Ratio Lower Upper
106 100
91 214.4 163.4 245.0

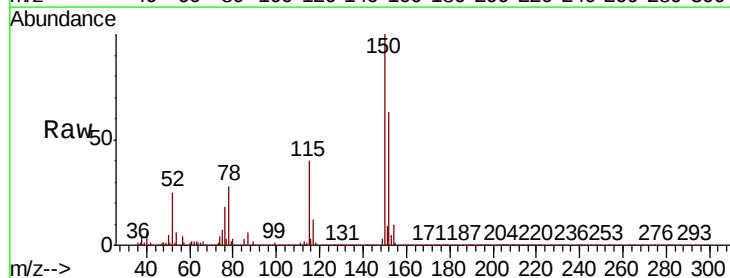


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

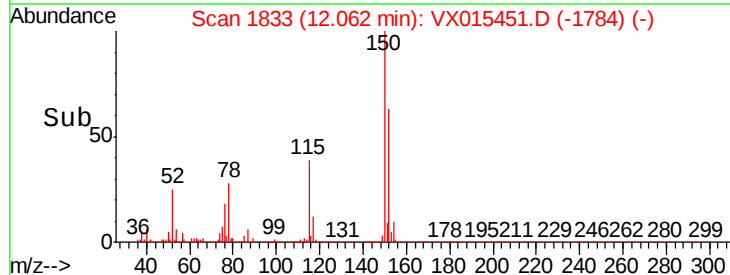
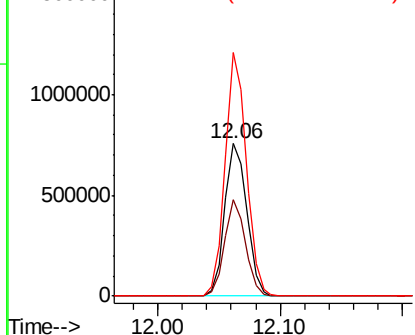


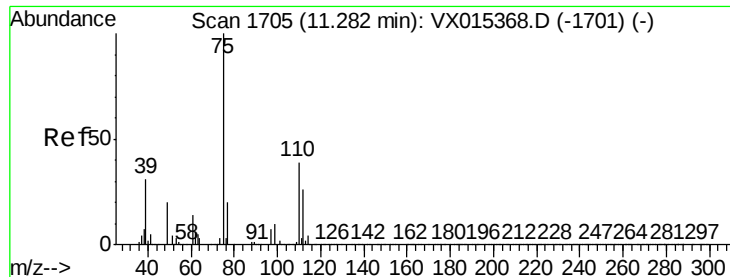
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion:152 Resp: 942715
Ion Ratio Lower Upper
152 100
115 59.8 39.0 116.9
150 153.0 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



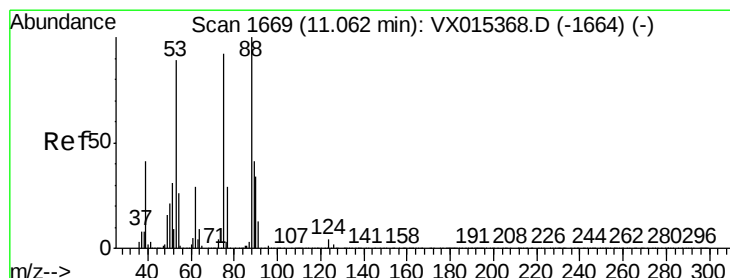
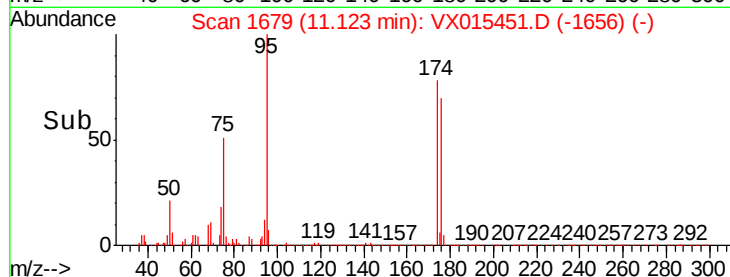
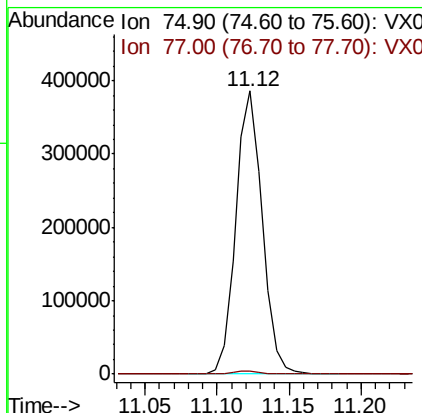
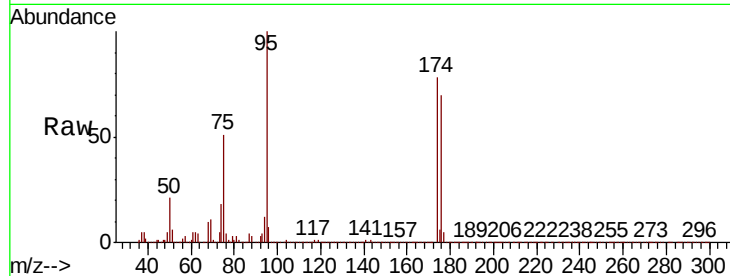


#76

1,2,3-Trichloropropane
Concen: 25.392 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Instrument :
MSVOA_X
ClientSampled :

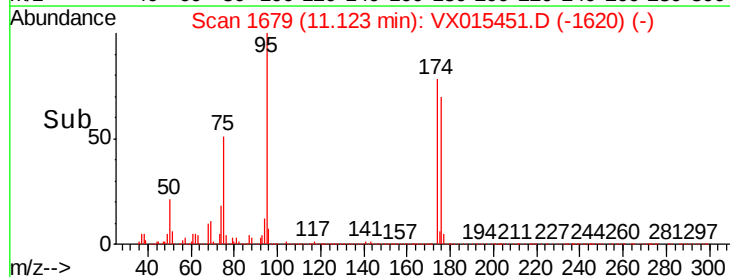
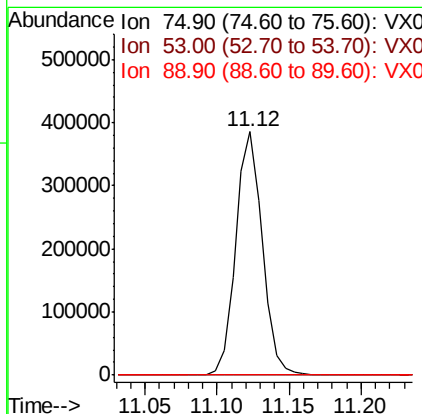
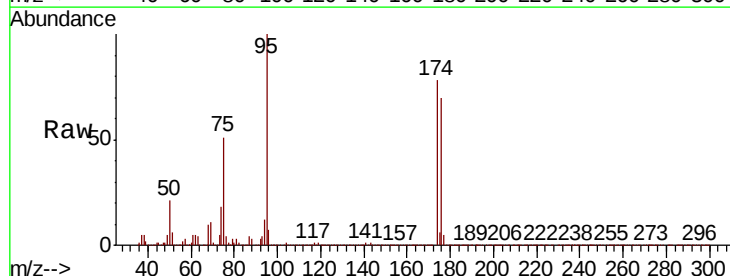
Tot Ion: 75 Resp: 492259
Ion Ratio Lower Upper
75 100
77 1.0 21.2 63.6#

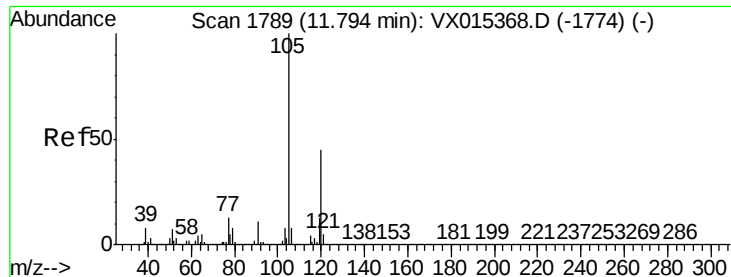


#81

trans-1,4-Dichloro-2-butene
Concen: 60.928 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.06 min
Lab File: VX015451.D
Acq: 31 Mar 2020 14:12

Tgt Ion: 75 Resp: 492259
Ion Ratio Lower Upper
75 100
53 0.1 80.1 120.1#
89 0.0 36.1 54.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.606 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015451.D

Acq: 31 Mar 2020 14:12

Instrument :

MSVOA_X

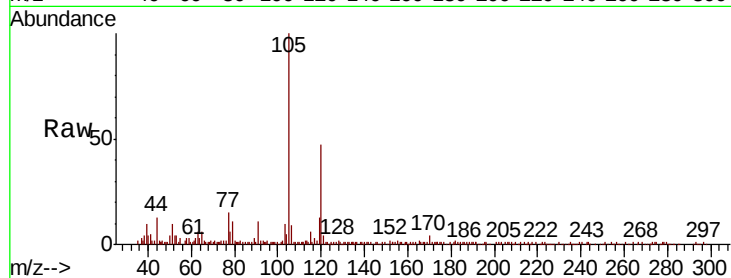
ClientSampleId :

Tot Ion:105 Resp: 32598

Ion Ratio Lower Upper

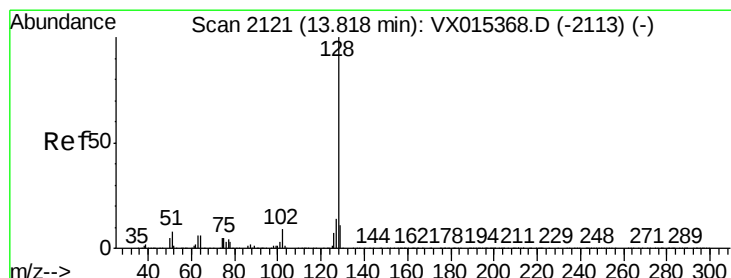
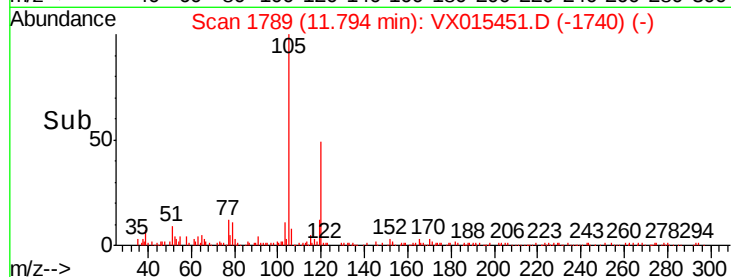
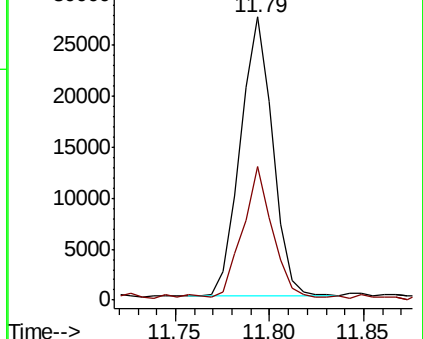
105 100

120 45.9 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.418 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015451.D

Acq: 31 Mar 2020 14:12

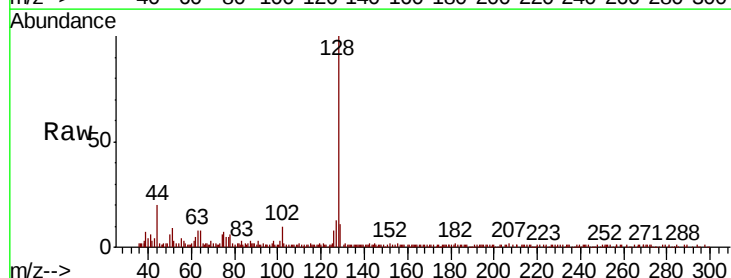
Tgt Ion:128 Resp: 29108

Ion Ratio Lower Upper

128 100

127 14.3 10.6 15.8

129 13.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

