

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
 Data File : VX015445.D
 Acq On : 31 Mar 2020 11:35
 Operator : JC/SP
 Sample : VX0331WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 01 07:27:47 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	1172607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1921095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1811174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	941933	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	802080	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
35) Dibromofluoromethane	5.47	113	619401	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	8.70	98	2318750	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	979175	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	

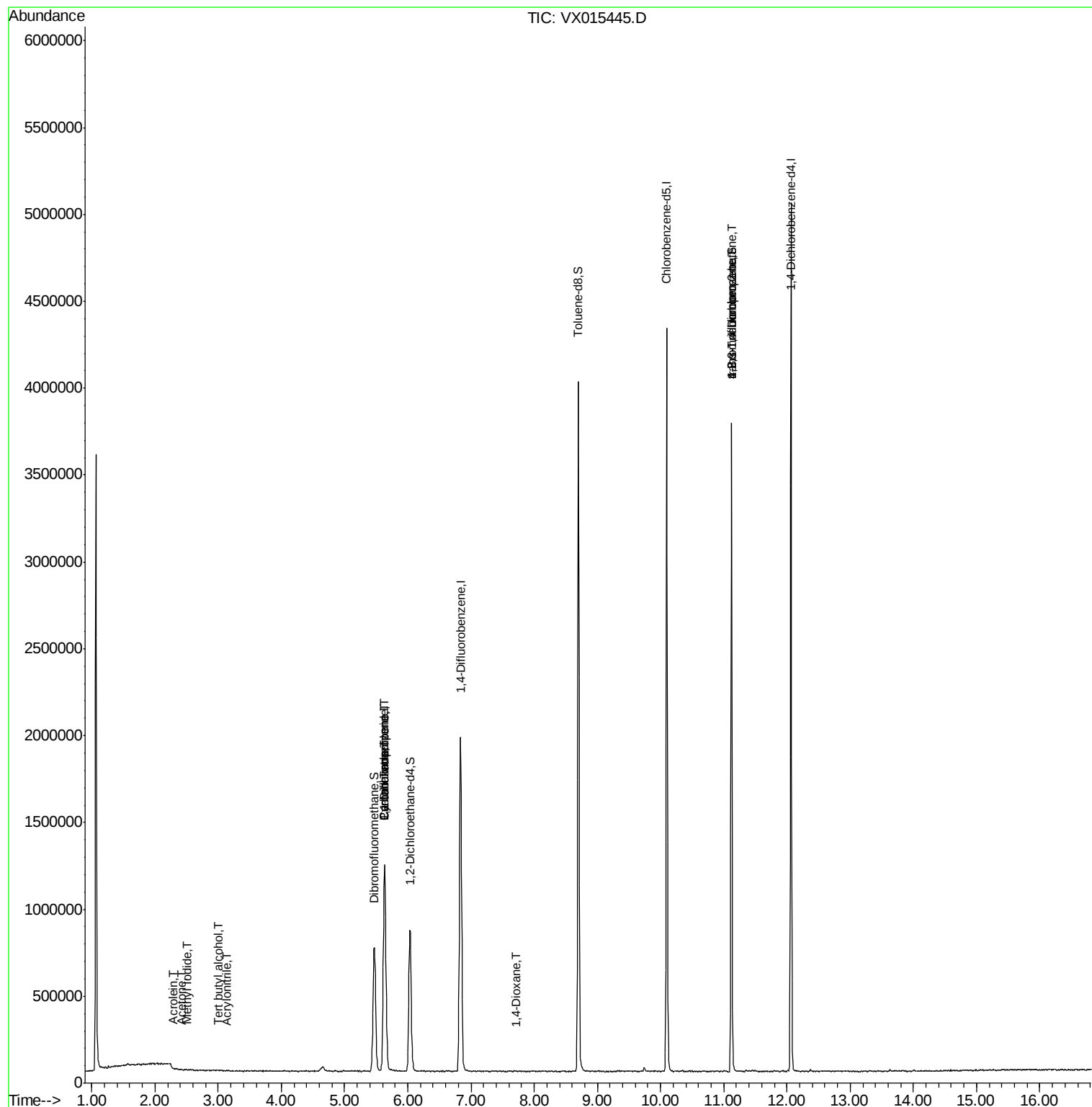
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1640	Below Cal	#	63
10) Methyl Iodide	2.50	142	3270	0.230	ug/l #	45
11) Tert butyl alcohol	3.01	59	4483	1.132	ug/l	96
13) Acrolein	2.28	56	577	0.256	ug/l	92
15) Acrylonitrile	3.13	53	3541	0.469	ug/l #	59
16) Acetone	2.42	43	1669	0.235	ug/l #	2
31) Cyclohexane	5.64	56	22196	1.060	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	89136	5.036	ug/l #	53
38) Carbon Tetrachloride	5.64	117	112566	5.871	ug/l #	15
49) 1,4-Dioxane	7.72	88	209	0.577	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	500392	25.833	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	500392	61.986	ug/l #	10

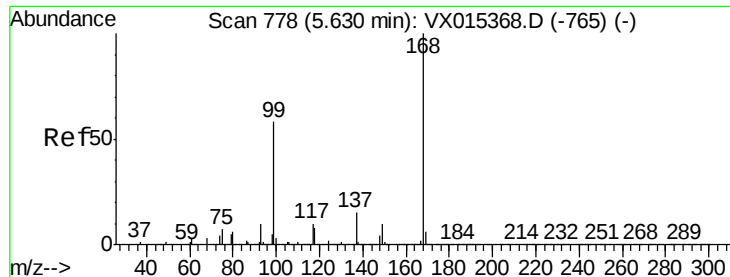
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033120\
Data File : VX015445.D
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ClientSampleId :

Quant Time: Apr 01 07:27:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
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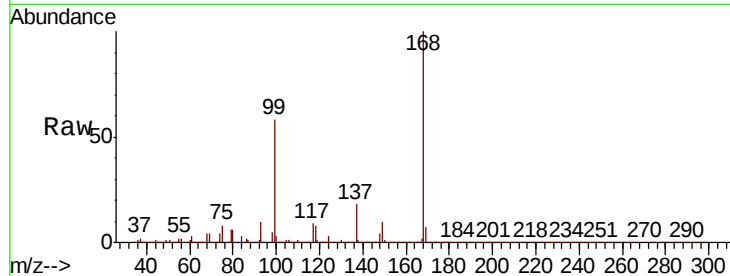


#1

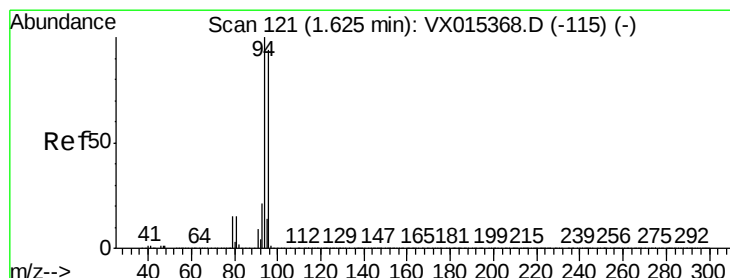
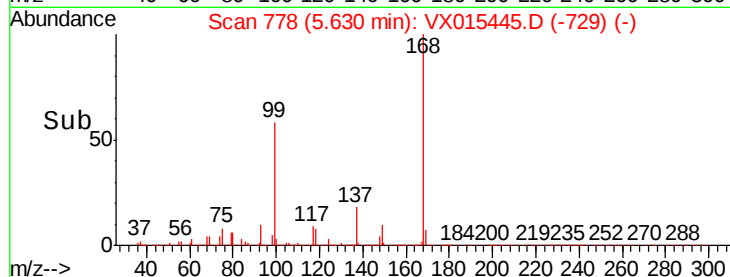
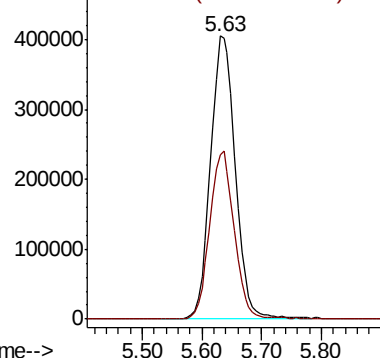
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015445.D
 Acq: 31 Mar 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 1172607
 Ion Ratio Lower Upper
 168 100
 99 57.9 46.4 69.6



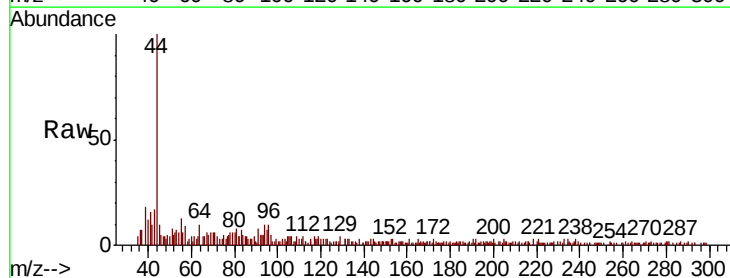
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



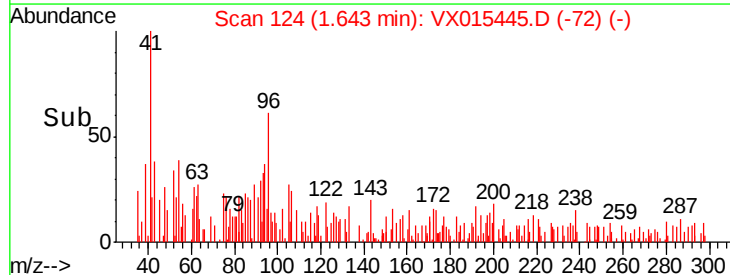
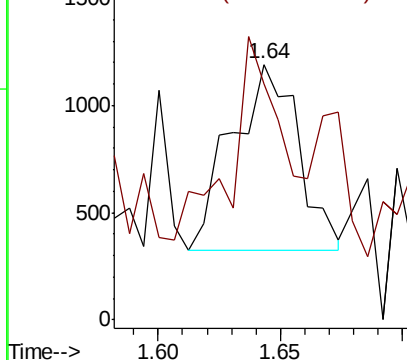
#5

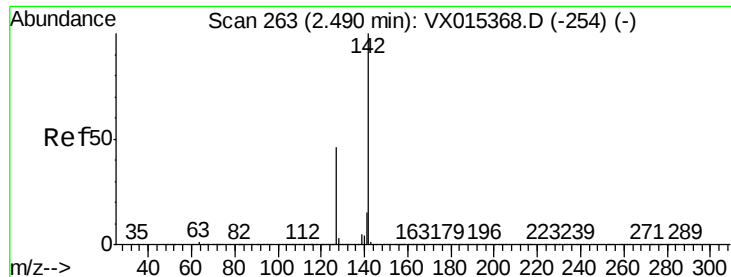
Bromomethane
 Concen: Below Cal
 RT: 1.64 min Scan# 124
 Delta R.T. 0.02 min
 Lab File: VX015445.D
 Acq: 31 Mar 2020 11:35

Tgt Ion: 94 Resp: 1640
 Ion Ratio Lower Upper
 94 100
 96 57.5 74.8 112.2#



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





#10

Methvl Iodide

Concen: 0.230 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

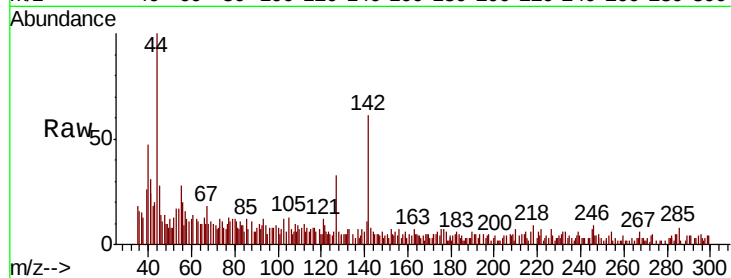
Tot Ion:142 Resp: 3270

Ion Ratio Lower Upper

142 100

127 76.5 35.9 53.9#

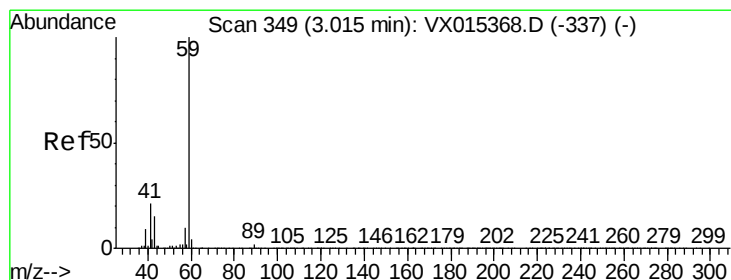
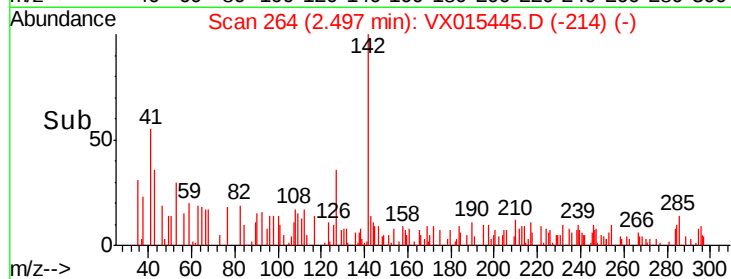
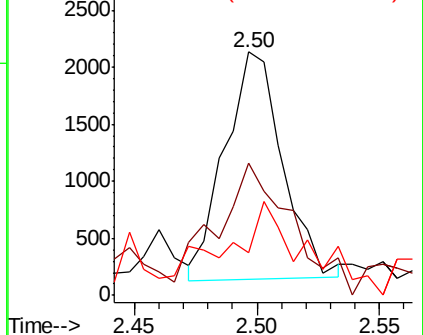
141 44.9 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 1.132 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015445.D

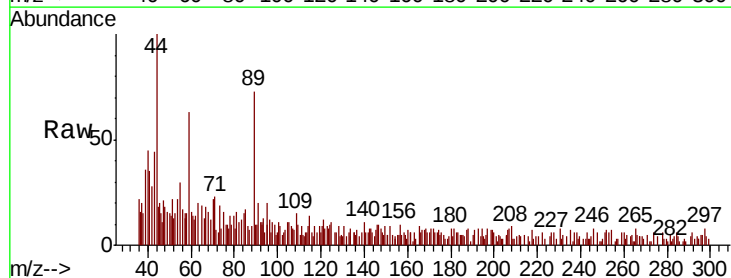
Acq: 31 Mar 2020 11:35

Tgt Ion: 59 Resp: 4483

Ion Ratio Lower Upper

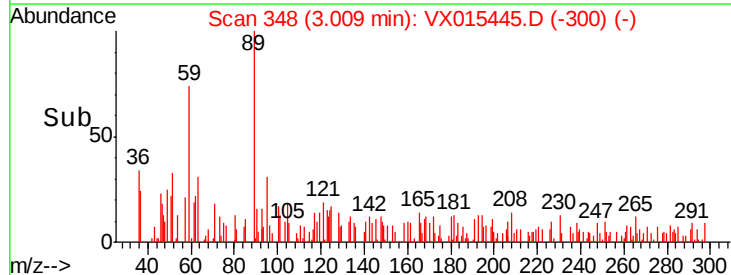
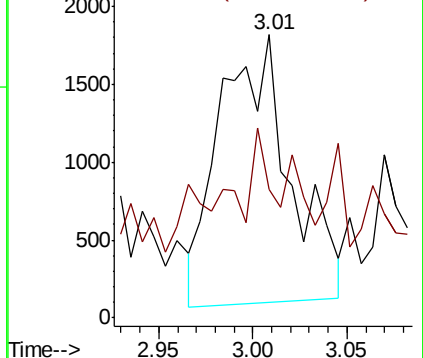
59 100

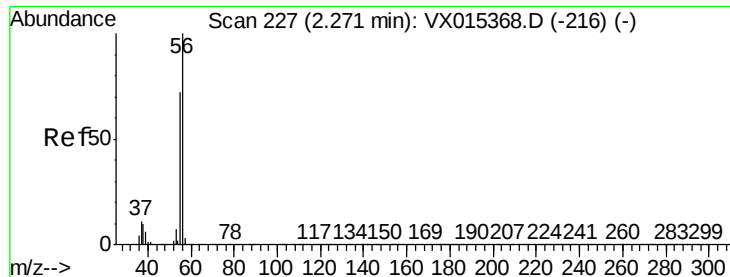
57 8.8 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.256 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

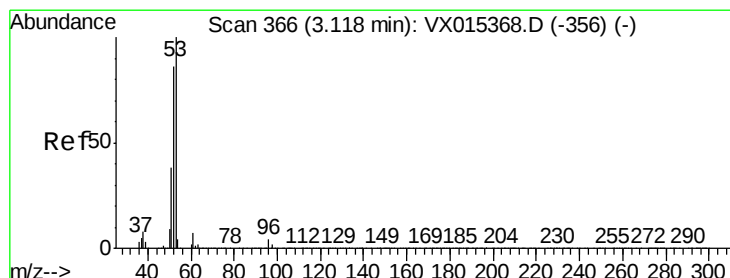
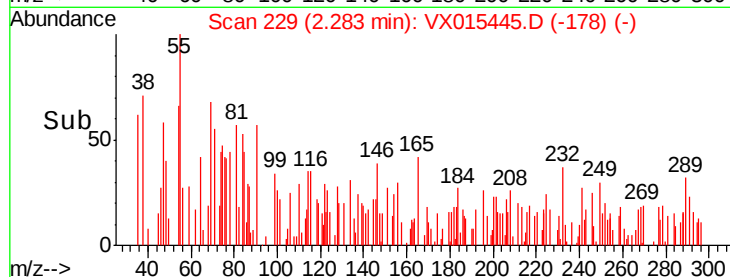
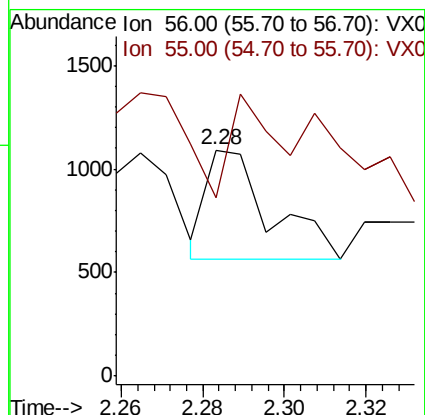
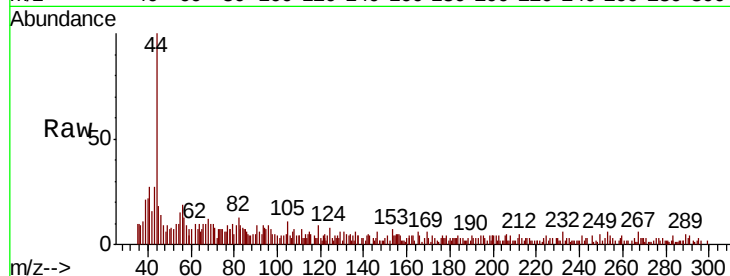
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 577

Ion Ratio Lower Upper

56 100

55 64.6 57.0 85.4



#15

Acrylonitrile

Concen: 0.469 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

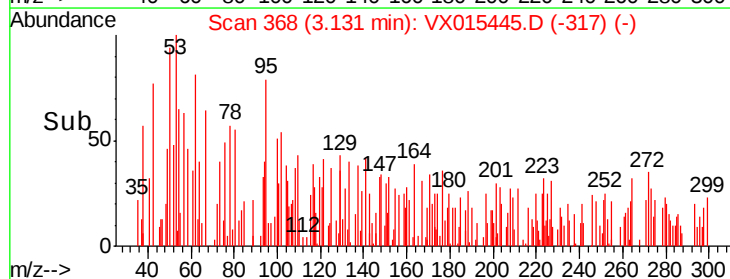
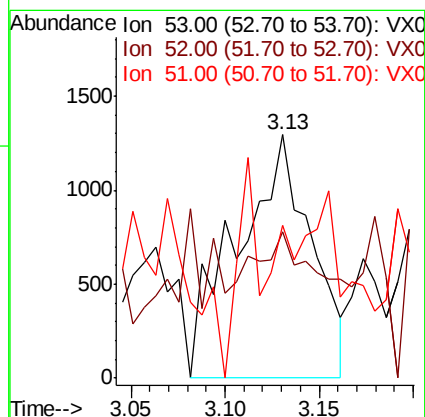
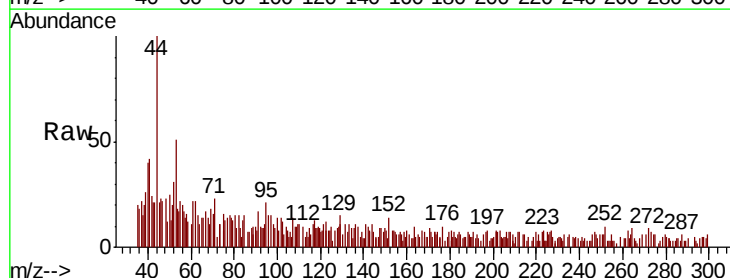
Tgt Ion: 53 Resp: 3541

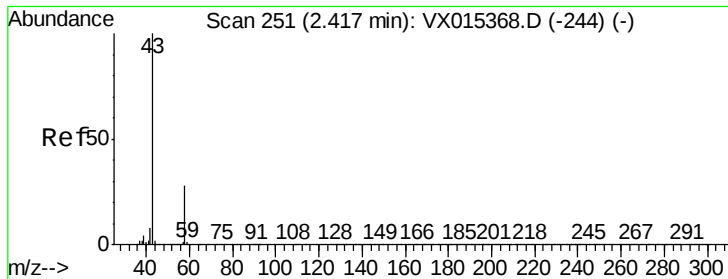
Ion Ratio Lower Upper

53 100

52 35.9 66.8 100.2#

51 28.7 29.5 44.3#

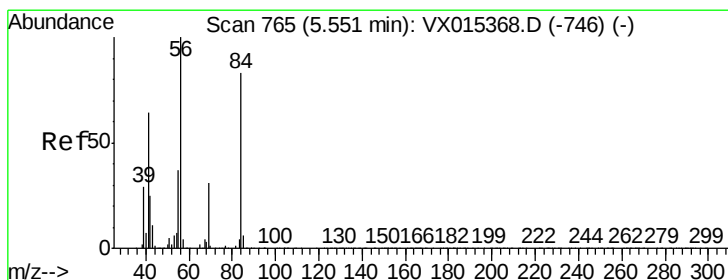
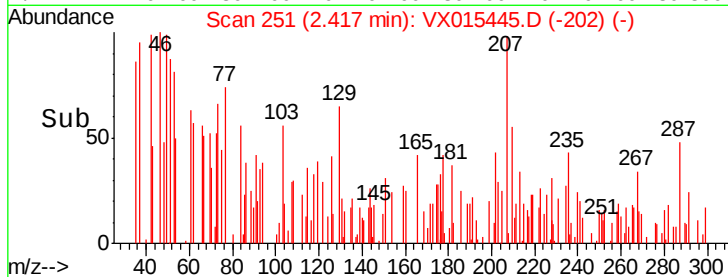
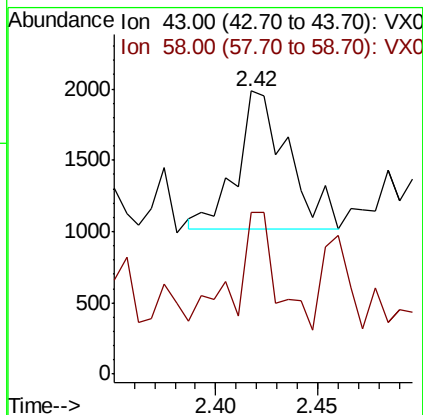
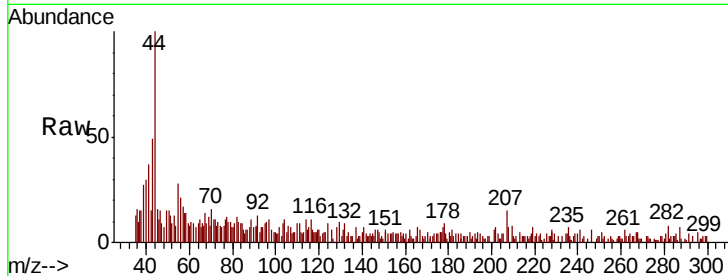




#16
Acetone
Concen: 0.235 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

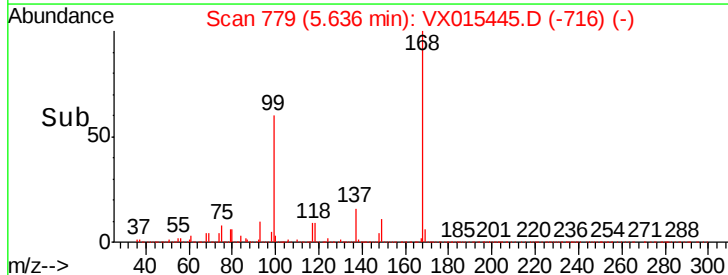
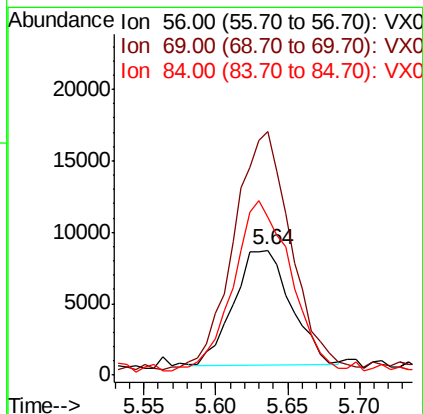
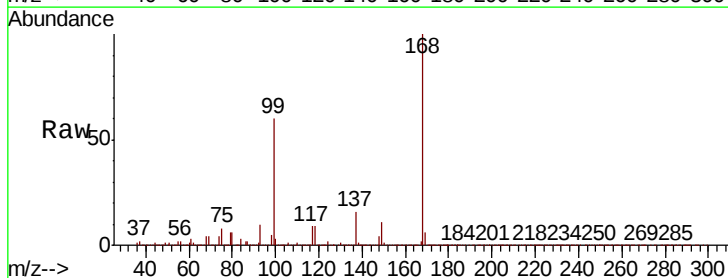
Instrument :
MSVOA_X
ClientSampleId :

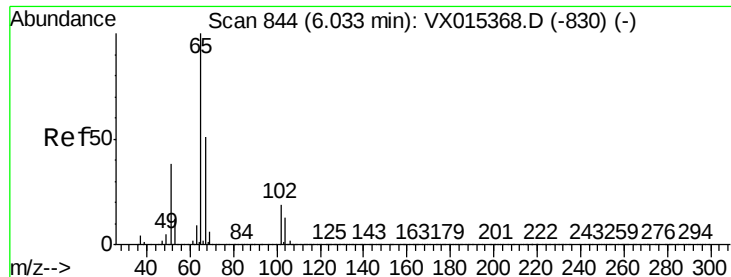
Tot Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 78.6 22.1 33.1#



#31
Cyclohexane
Concen: 1.060 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.09 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

Tgt Ion: 56 Resp: 22196
Ion Ratio Lower Upper
56 100
69 205.5 24.6 36.8#
84 134.5 66.1 99.1#

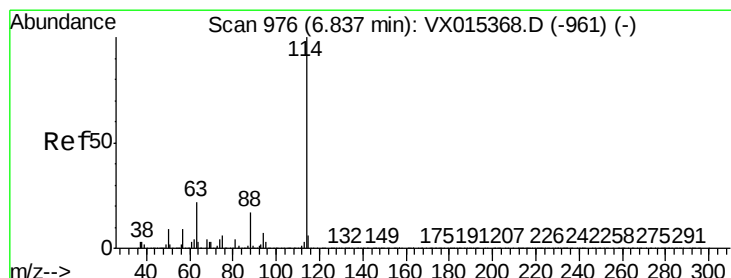
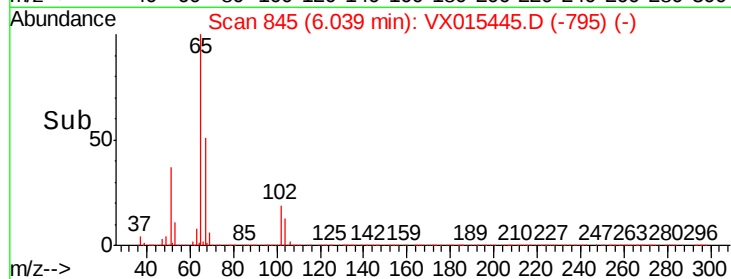
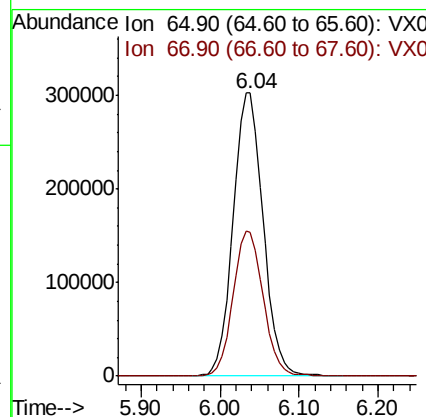
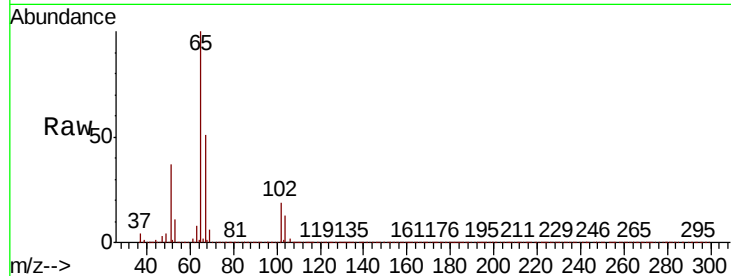




#33
 1,2-Dichloroethane-d4
 Concen: 48.498 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015445.D
 Acq: 31 Mar 2020 11:35

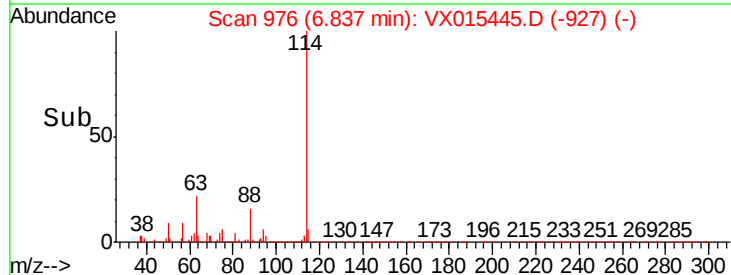
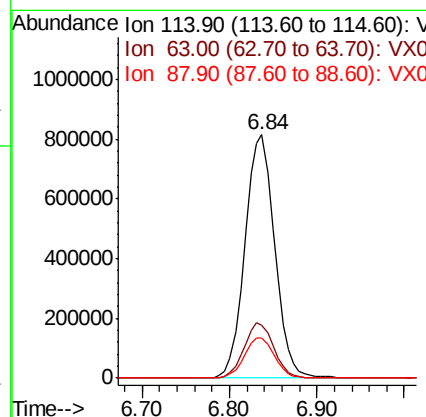
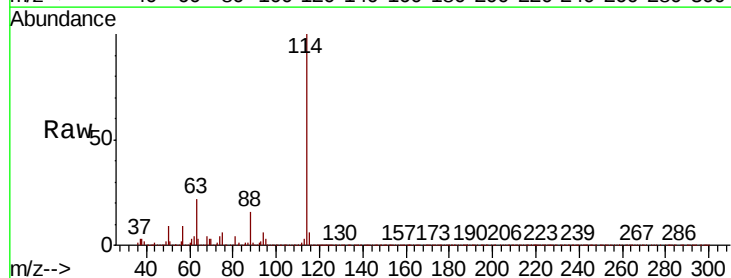
Instrument :
 MSVOA_X
 ClientSampleId :

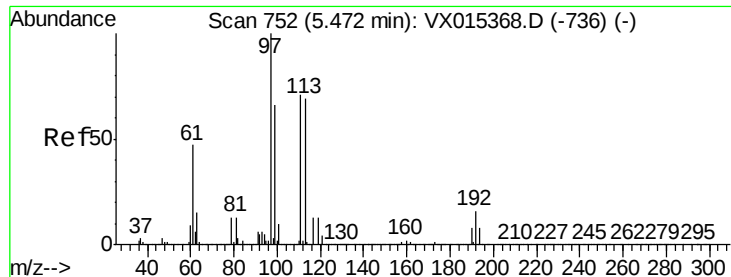
Tot Ion: 65 Resp: 802080
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015445.D
 Acq: 31 Mar 2020 11:35

Tgt Ion: 114 Resp: 1921095
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 44.2
 88 16.4 0.0 33.8

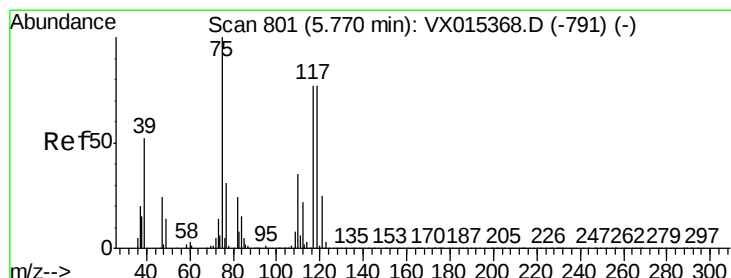
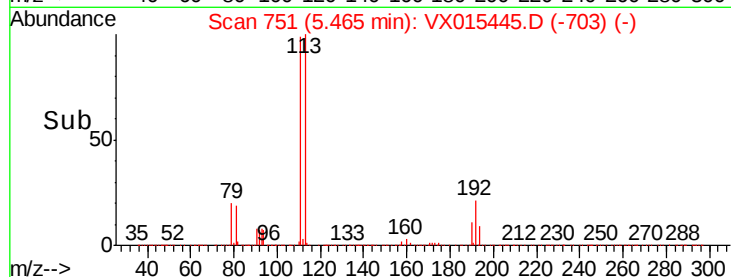
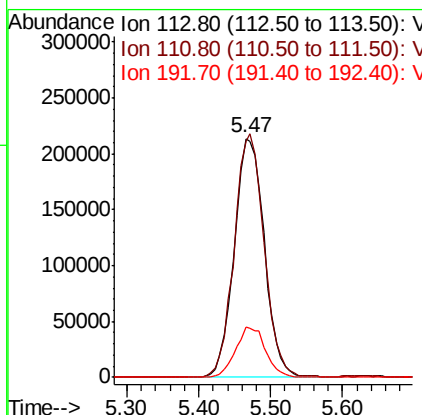
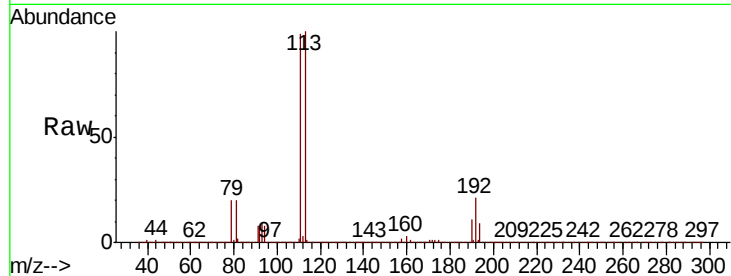




#35
Dibromofluoromethane
Concen: 50.439 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

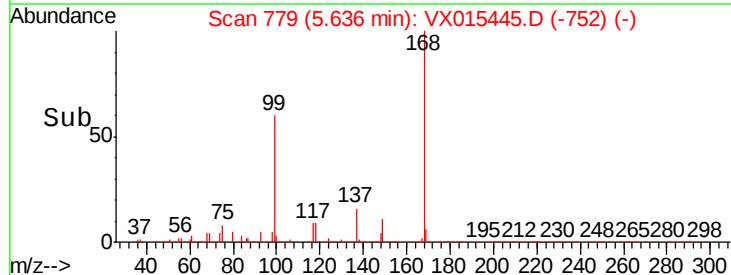
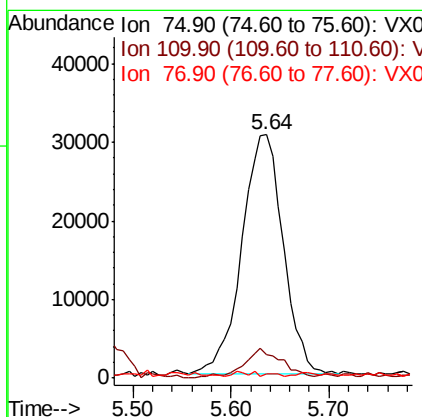
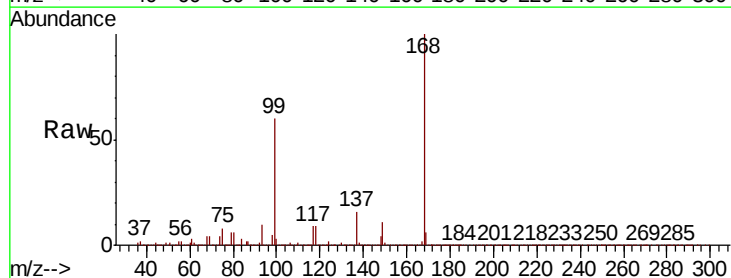
Instrument :
MSVOA_X
ClientSampled :

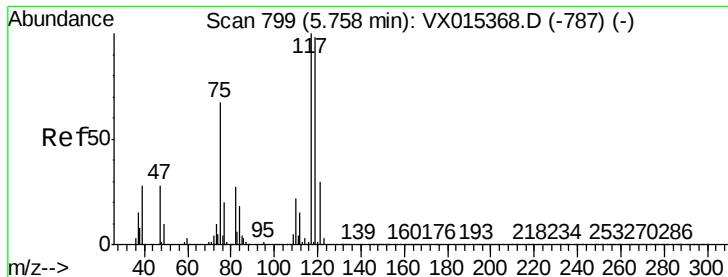
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.5	122.3
192	20.9	17.8	26.6



#36
1,1-Dichloropropene
Concen: 5.036 ug/l
RT: 5.64 min Scan# 779
Delta R.T. -0.13 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

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: 5.871 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

Instrument :

MSVOA_X

ClientSampled :

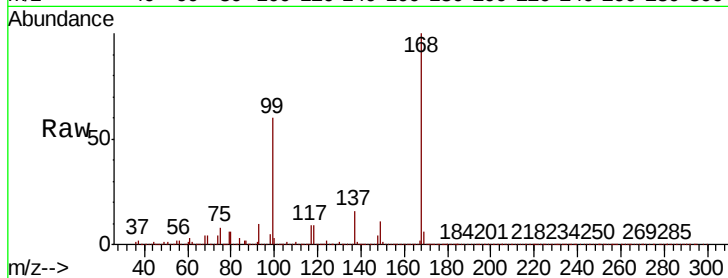
Tot Ion:117 Resp: 112566

Ion Ratio Lower Upper

117 100

119 4.2 78.0 117.0#

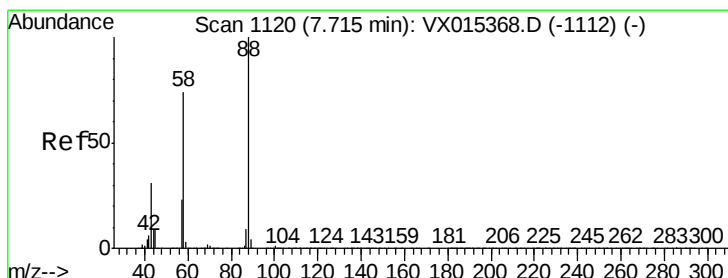
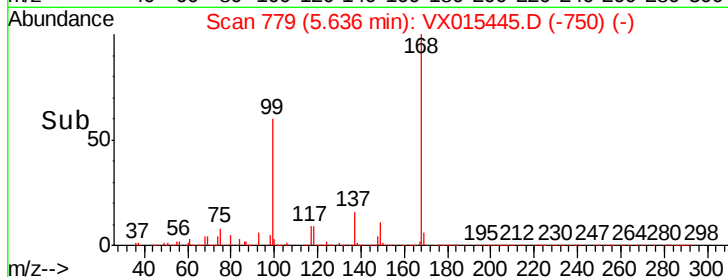
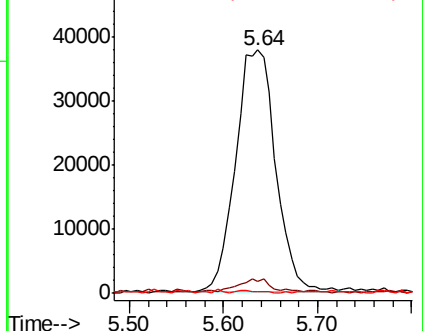
121 0.0 23.8 35.8#



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: 0.577 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VX015445.D

Acq: 31 Mar 2020 11:35

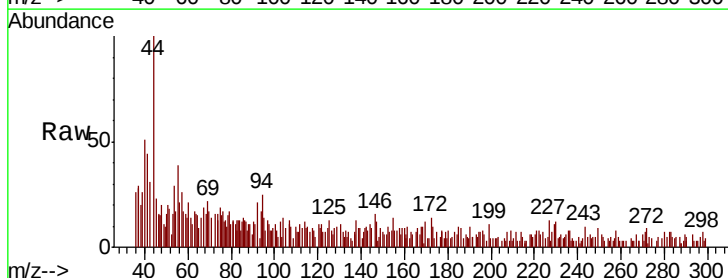
Tgt Ion: 88 Resp: 209

Ion Ratio Lower Upper

88 100

43 387.6 30.1 45.1#

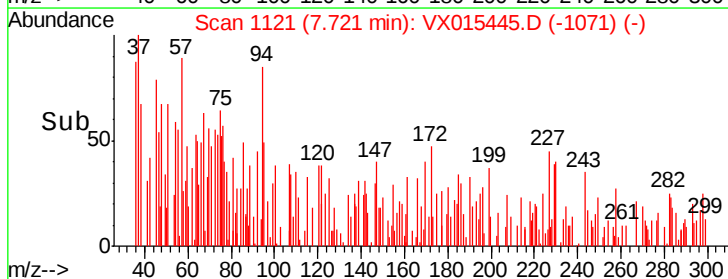
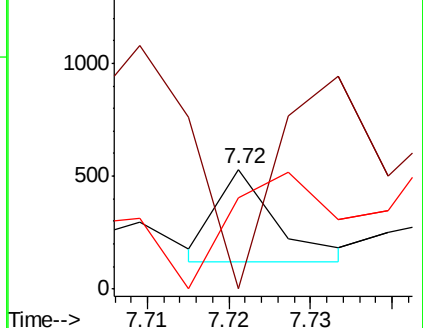
58 215.8 60.6 90.8#

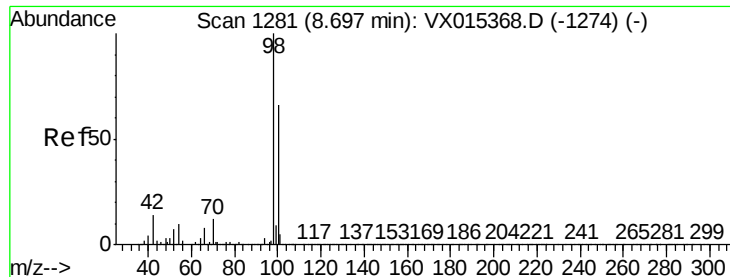


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

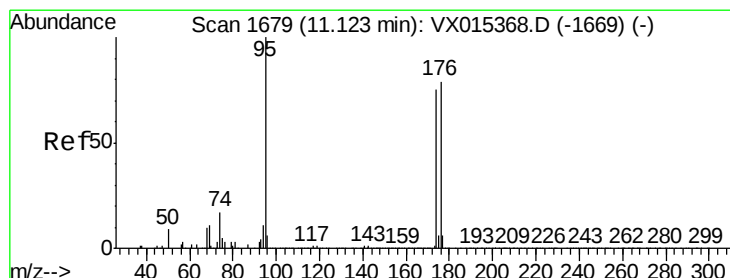
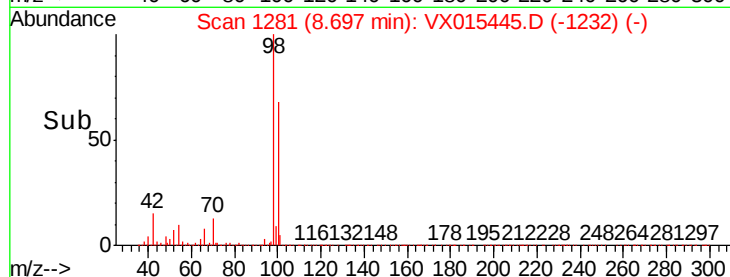
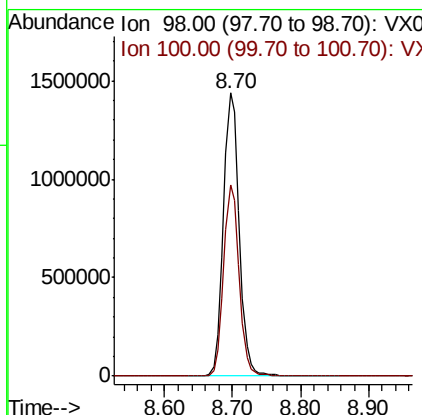
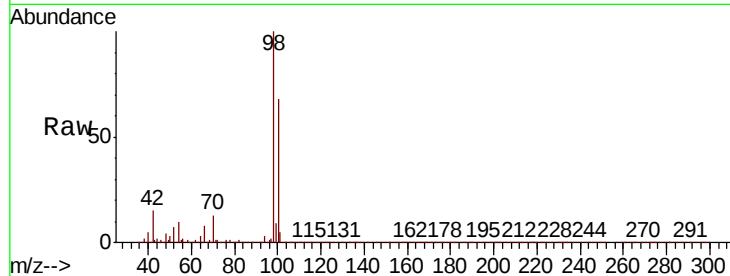




#50
Toluene-d8
Concen: 51.286 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

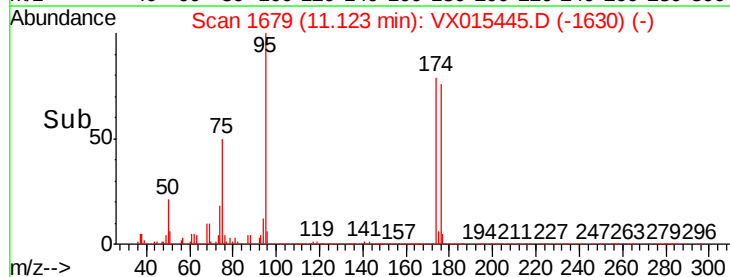
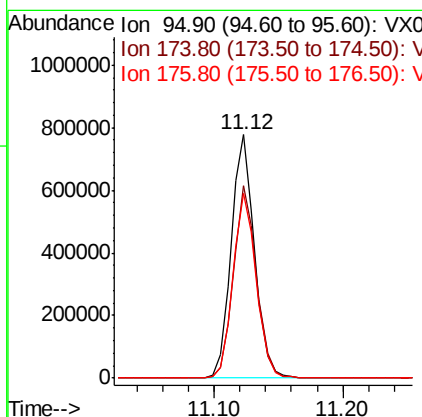
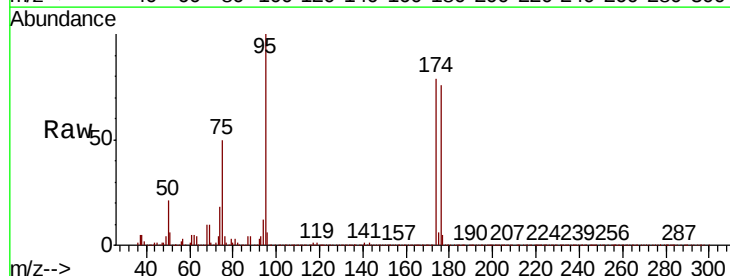
Instrument :
MSVOA_X
ClientSampleId :

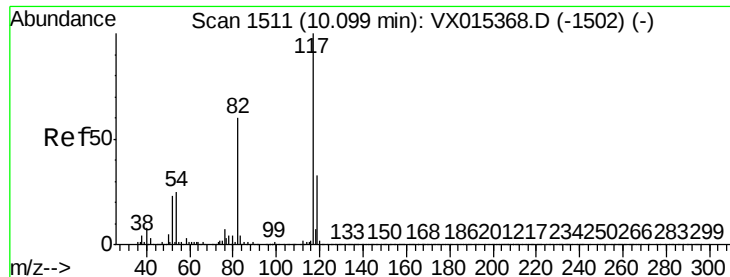
Tot Ion: 98 Resp: 2318750
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.290 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

Tgt Ion: 95 Resp: 979175
Ion Ratio Lower Upper
95 100
174 78.0 0.0 158.6
176 75.8 0.0 159.0

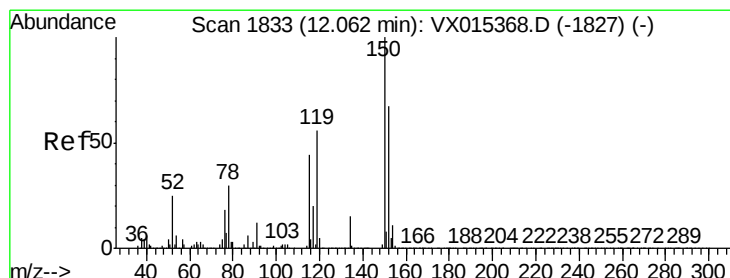
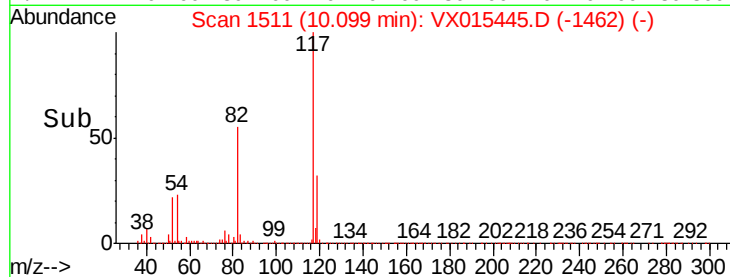
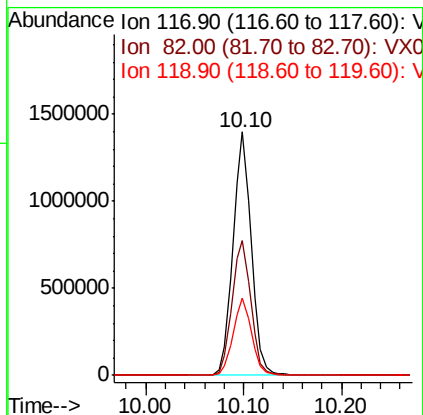
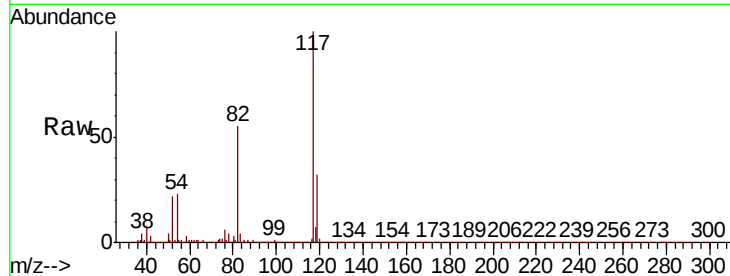




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

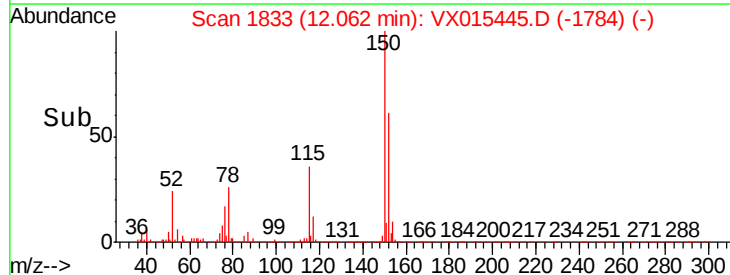
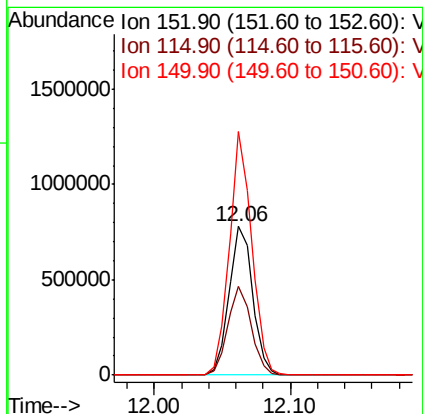
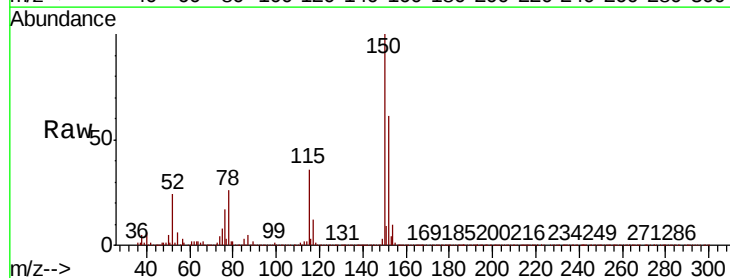
Instrument :
MSVOA_X
ClientSampleId :

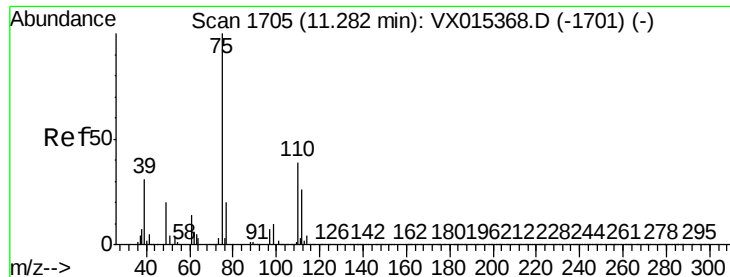
Tot Ion:117 Resp: 1811174
Ion Ratio Lower Upper
117 100
82 55.2 47.8 71.8
119 31.6 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015445.D
Acq: 31 Mar 2020 11:35

Tgt Ion:152 Resp: 941933
Ion Ratio Lower Upper
152 100
115 58.9 39.0 116.9
150 154.7 0.0 340.8

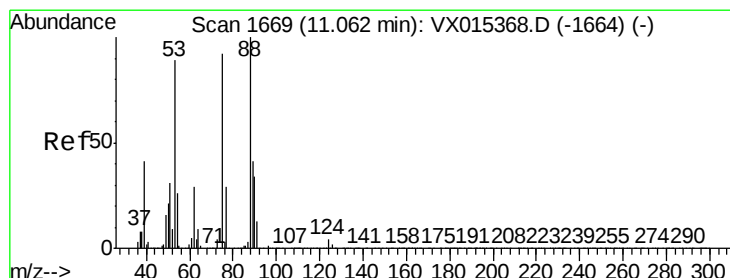
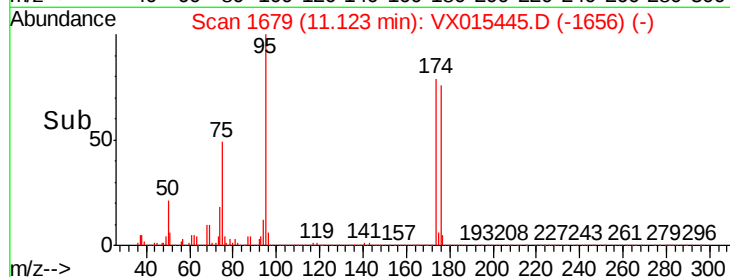
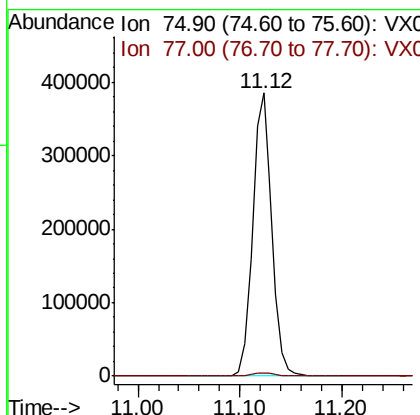
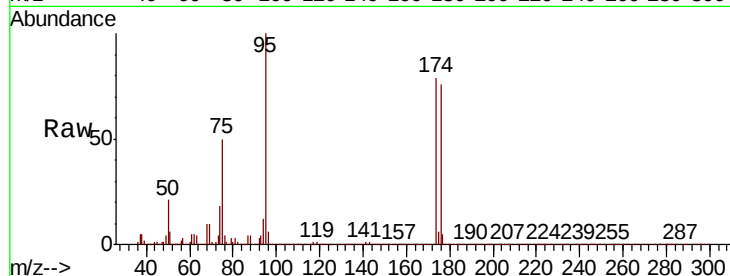




#76
 1,2,3-Trichloropropane
 Concen: 25.833 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015445.D
 Acq: 31 Mar 2020 11:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 500392
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.2 63.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.986 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015445.D
 Acq: 31 Mar 2020 11:35

Tgt Ion: 75 Resp: 500392
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 36.1 54.1#

