

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006529.D
 Acq On : 14 Dec 2018 20:31
 Operator : JC/MD
 Sample : J6396-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:38:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	649138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1036944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	950551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	358059	54.03	ug/l	0.00
Spiked Amount						
			Recovery	=	108.06%	
35) Dibromofluoromethane	5.51	113	304989	45.43	ug/l	0.00
Spiked Amount						
			Recovery	=	90.86%	
50) Toluene-d8	8.71	98	1234420	50.55	ug/l	0.00
Spiked Amount						
			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	455057	49.45	ug/l	0.00
Spiked Amount						
			Recovery	=	98.90%	

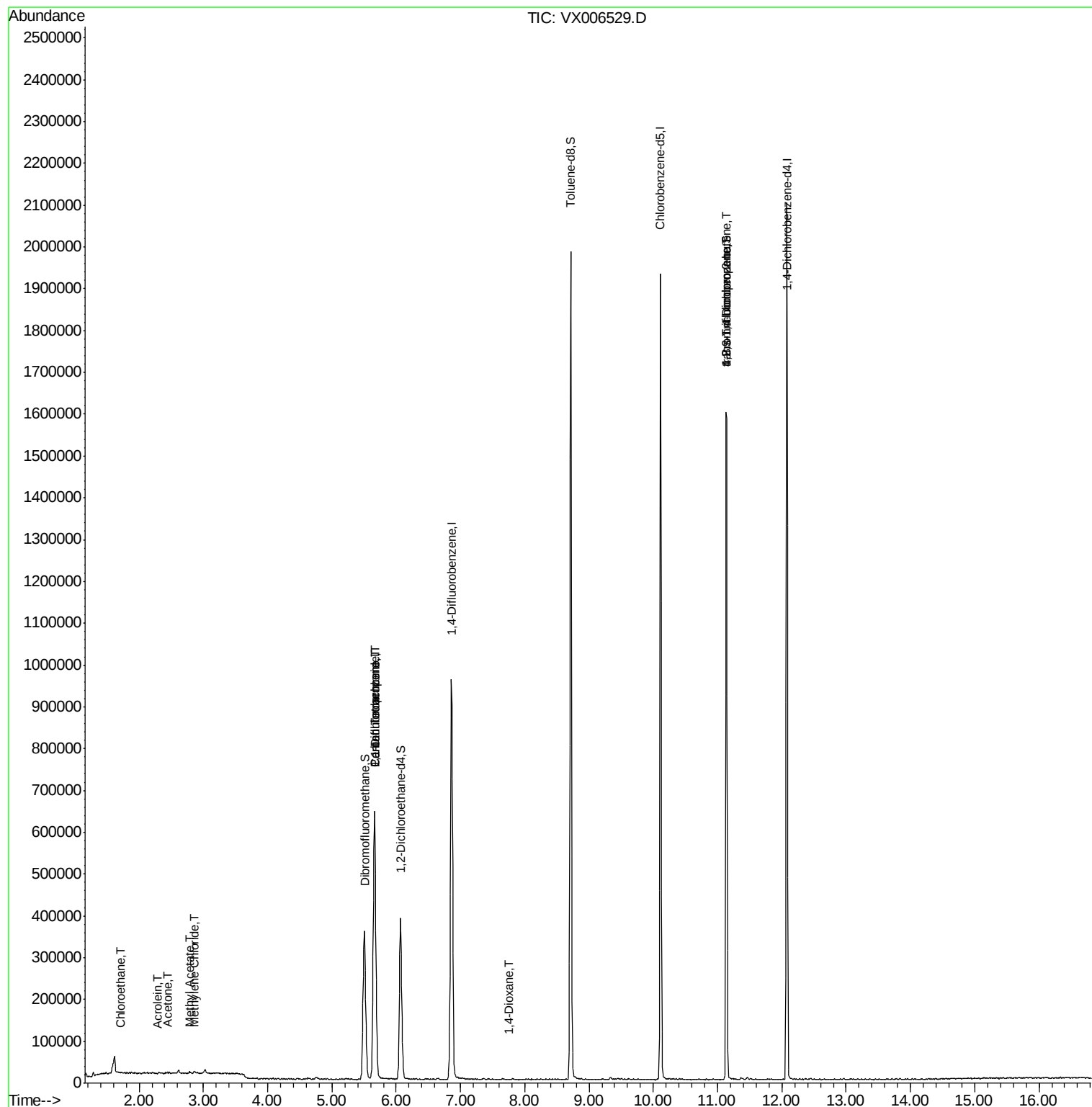
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	1034	0.240	ug/l #	43
13) Acrolein	2.28	56	210	0.212	ug/l #	17
16) Acetone	2.44	43	5404	1.738	ug/l #	83
18) Methyl Acetate	2.78	43	3500	0.337	ug/l	93
20) Methylene Chloride	2.86	84	2951	0.446	ug/l #	56
36) 1,1-Dichloropropene	5.66	75	43208	4.948	ug/l #	48
38) Carbon Tetrachloride	5.66	117	63202	6.152	ug/l #	15
49) 1,4-Dioxane	7.75	88	148	0.757	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	210292	24.487	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	210292	57.464	ug/l #	15

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

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QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

Instrument :

MSVOA_X

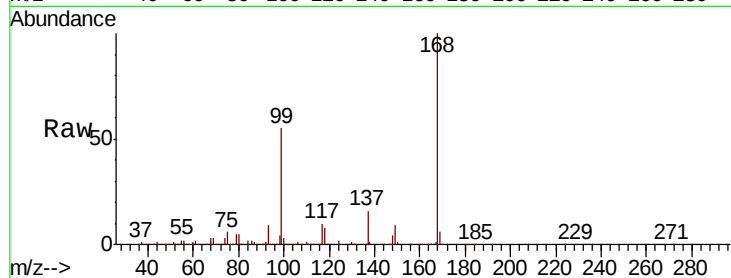
ClientSampled :

Tot Ion:168 Resp: 649138

Ion Ratio Lower Upper

168 100

99 54.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

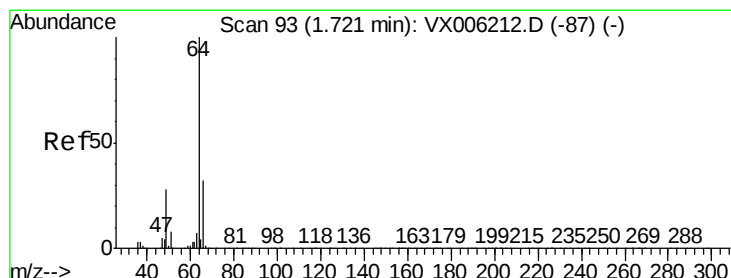
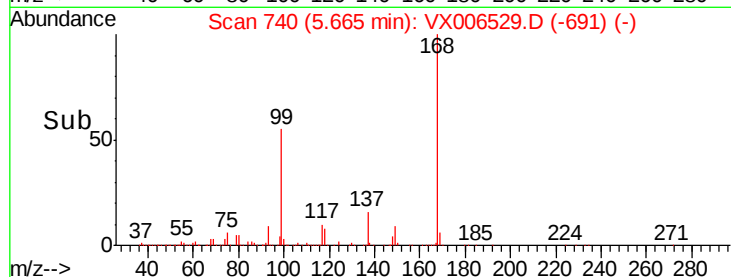
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.240 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006529.D

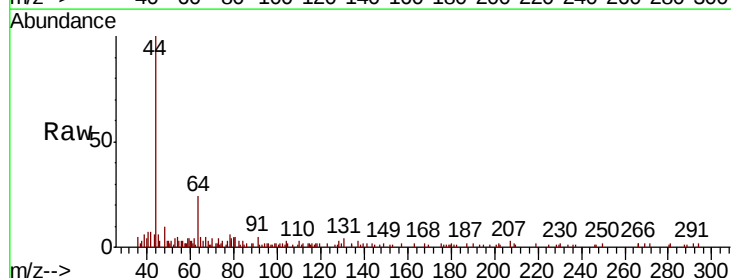
Acq: 14 Dec 2018 20:31

Tgt Ion: 64 Resp: 1034

Ion Ratio Lower Upper

64 100

66 0.6 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

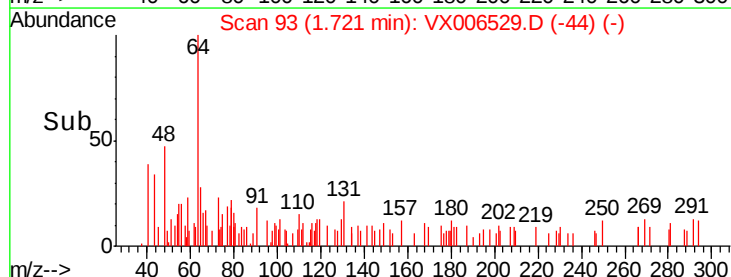
1.72

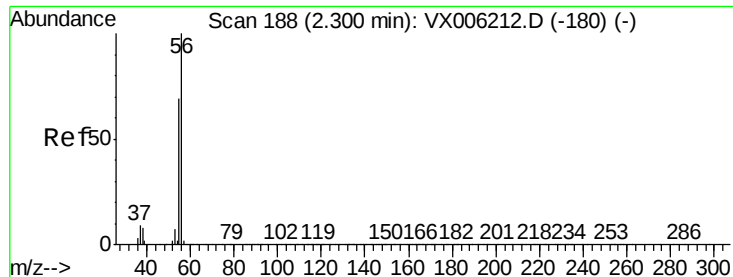
1000

500

0

Time-->





#13

Acrolein

Concen: 0.212 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.02 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

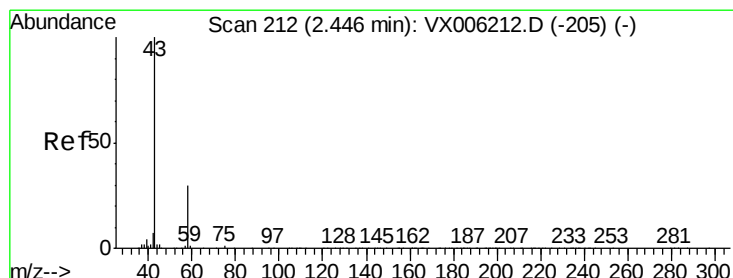
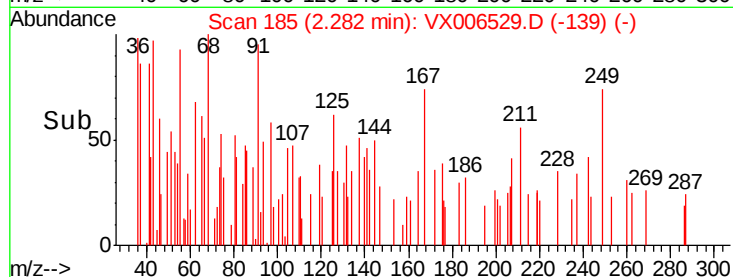
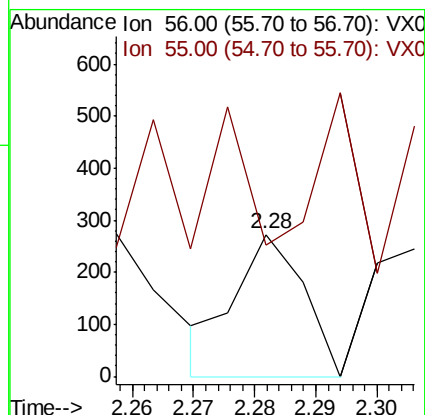
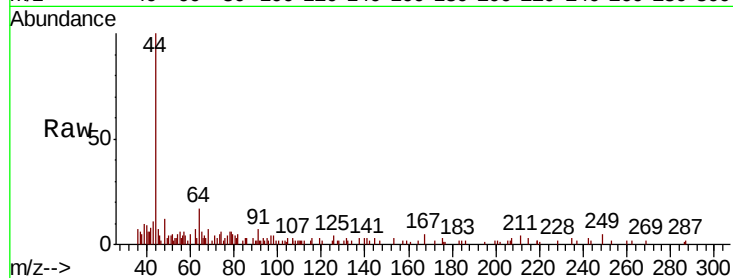
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 210

Ion Ratio Lower Upper

56 100

55 141.4 57.8 86.6#



#16

Acetone

Concen: 1.738 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006529.D

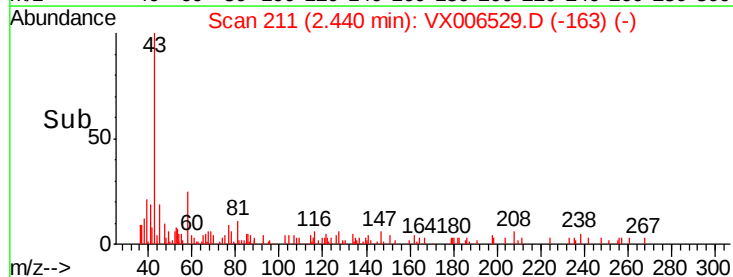
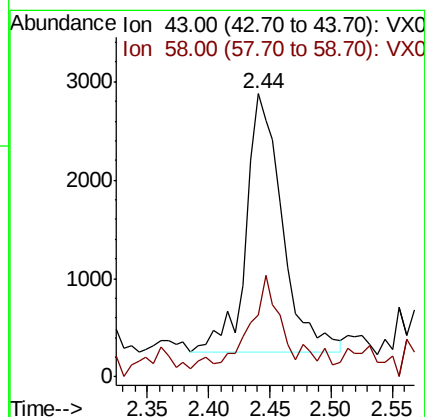
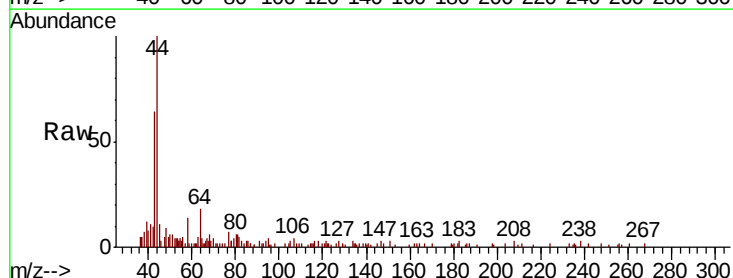
Acq: 14 Dec 2018 20:31

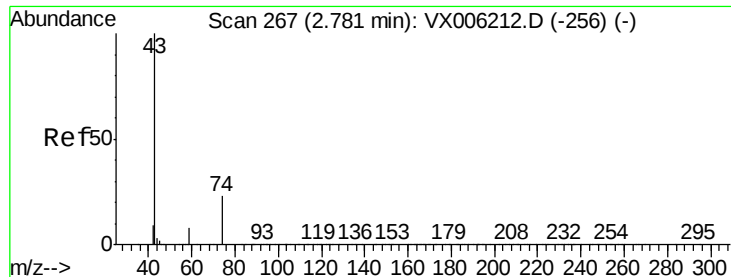
Tgt Ion: 43 Resp: 5404

Ion Ratio Lower Upper

43 100

58 20.9 24.0 36.0#

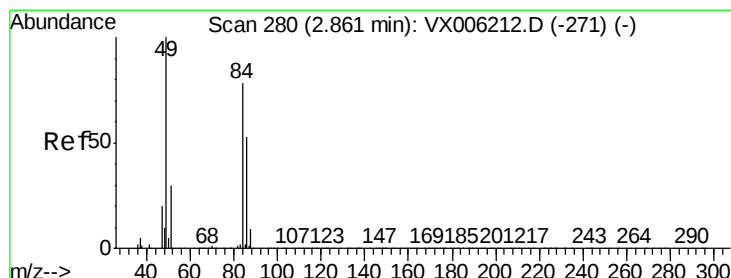
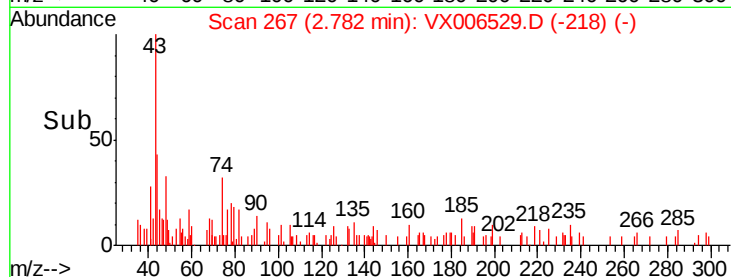
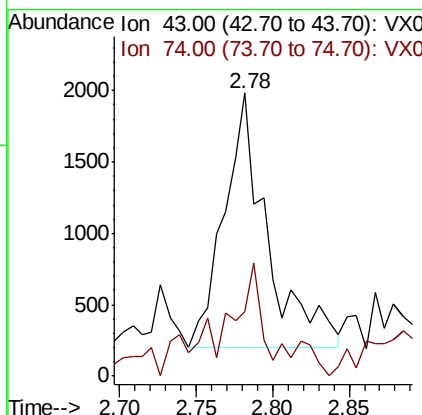
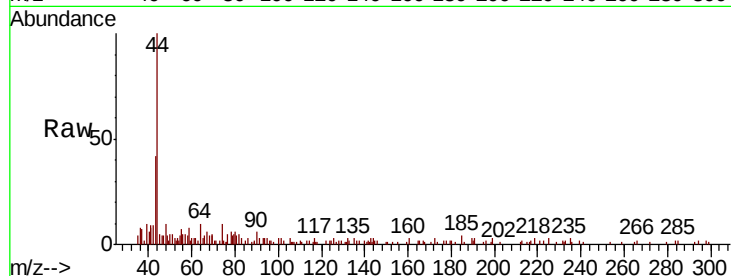




#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006529.D
Acq: 14 Dec 2018 20:31

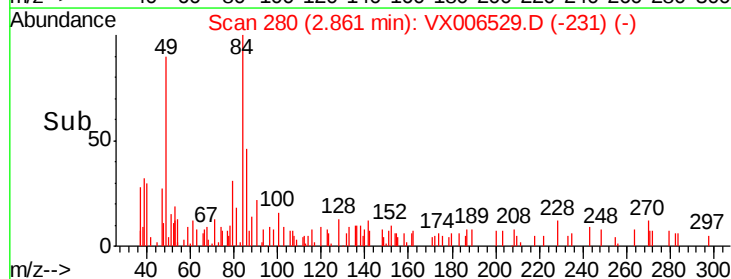
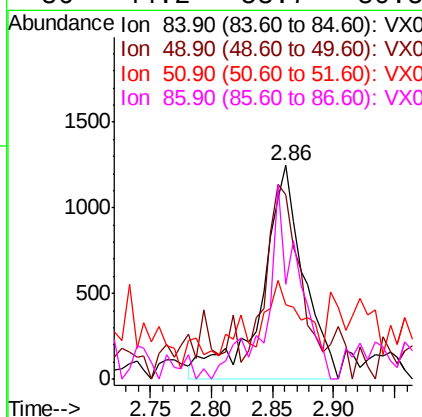
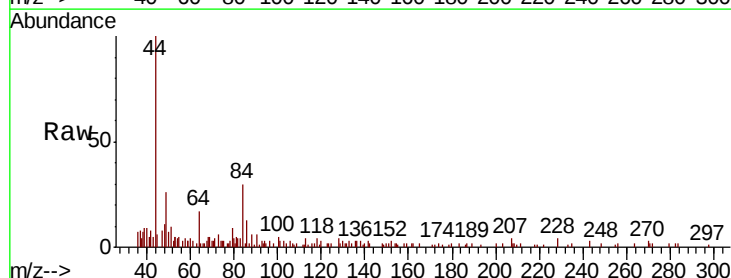
Instrument :
MSVOA_X
ClientSampleId :

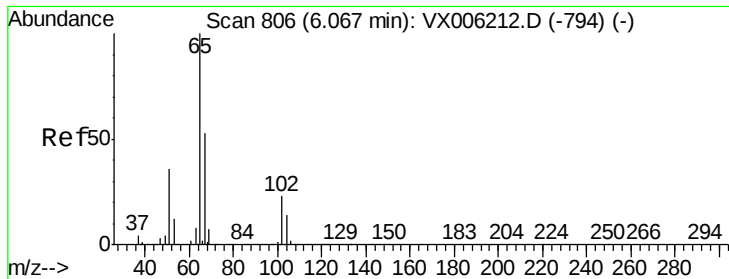
Tot Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
74 18.9 17.9 26.9



#20
Methylene Chloride
Concen: 0.446 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006529.D
Acq: 14 Dec 2018 20:31

Tgt Ion: 84 Resp: 2951
Ion Ratio Lower Upper
84 100
49 65.1 102.2 153.4#
51 16.7 31.1 46.7#
86 44.2 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 54.033 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

Instrument :

MSVOA_X

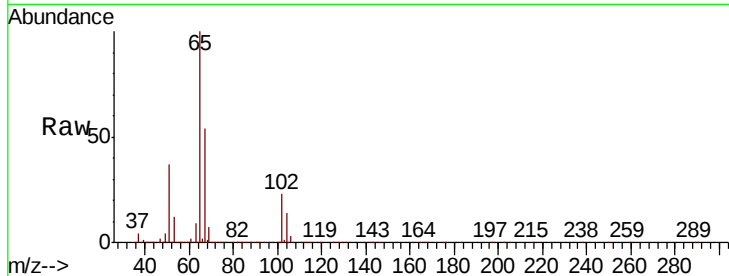
ClientSampleId :

Tot Ion: 65 Resp: 358059

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

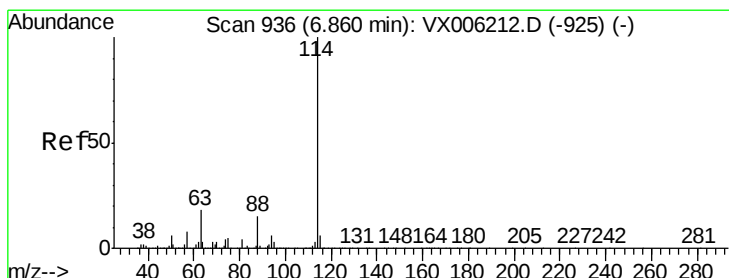
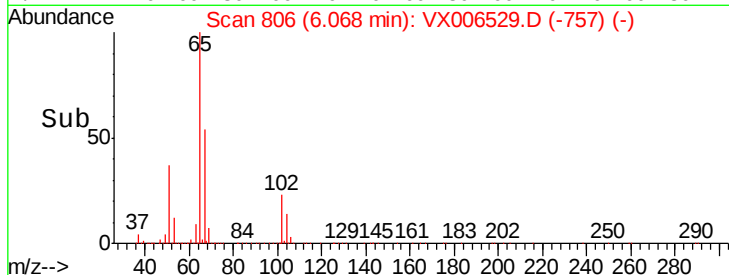
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

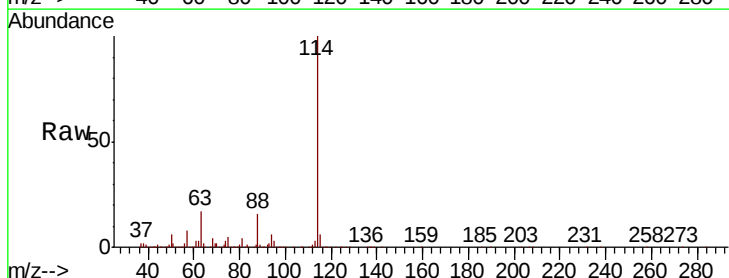
Tgt Ion: 114 Resp: 1036944

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

88 16.2 0.0 29.0



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

6.86

600000

500000

400000

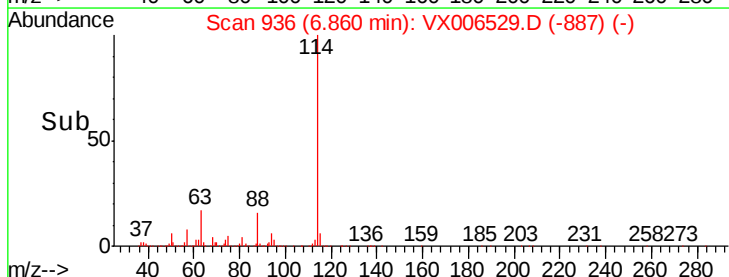
300000

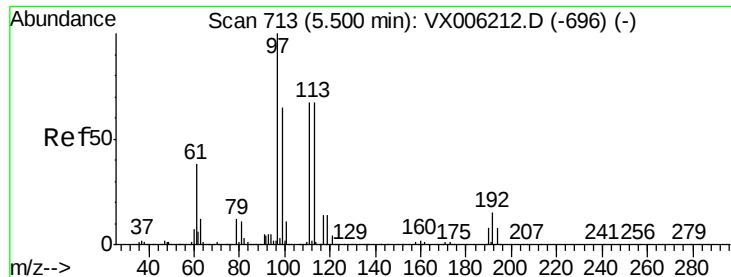
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.427 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :

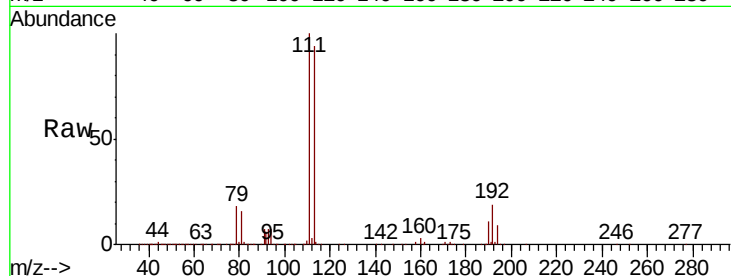
Tot Ion:113 Resp: 304989

Ion Ratio Lower Upper

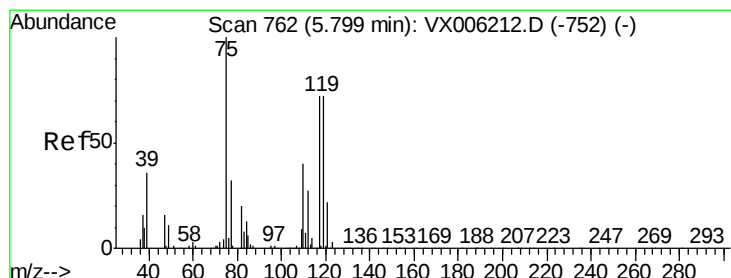
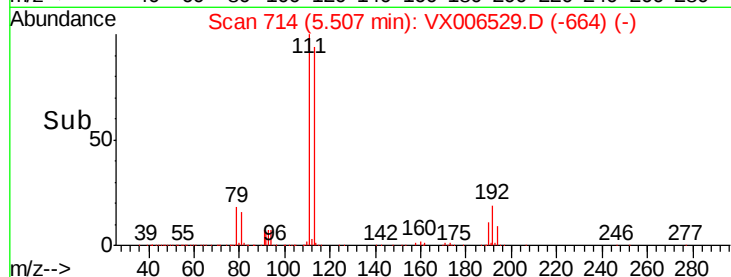
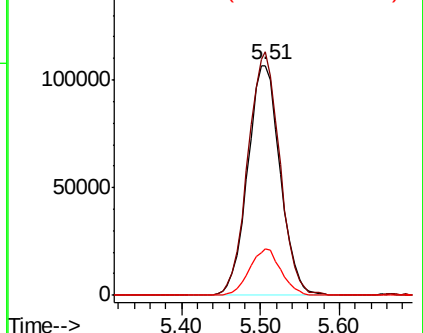
113 100

111 104.2 81.1 121.7

192 19.8 18.2 27.2



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: 4.948 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

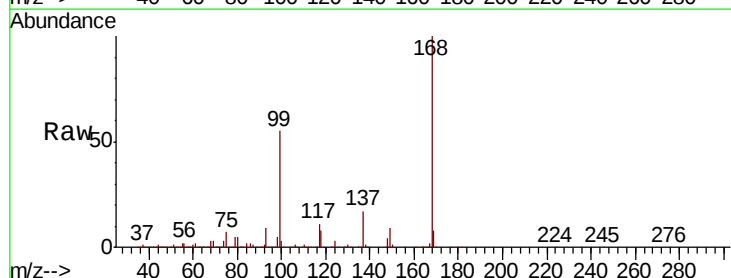
Tgt Ion: 75 Resp: 43208

Ion Ratio Lower Upper

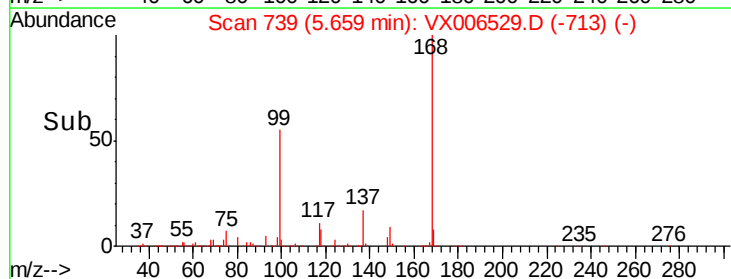
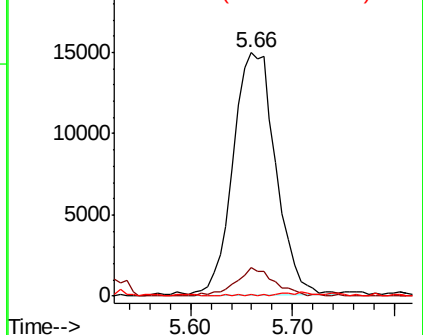
75 100

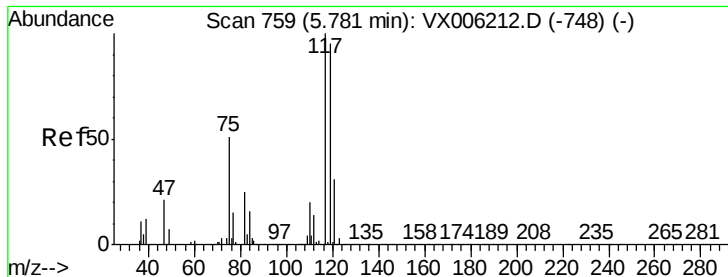
110 10.7 20.4 61.3#

77 0.3 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.152 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

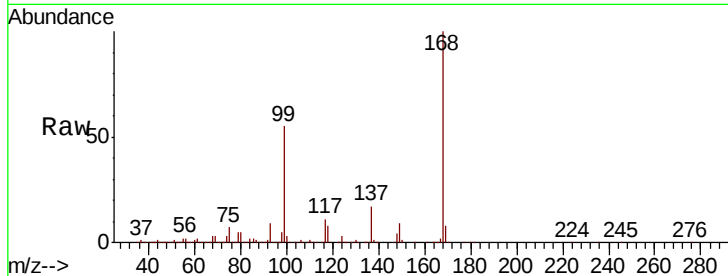
Tot Ion:117 Resp: 63202

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.8#

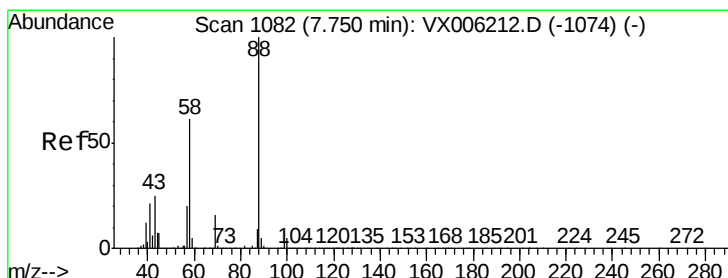
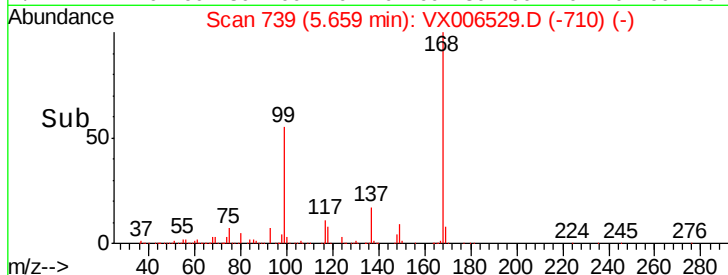
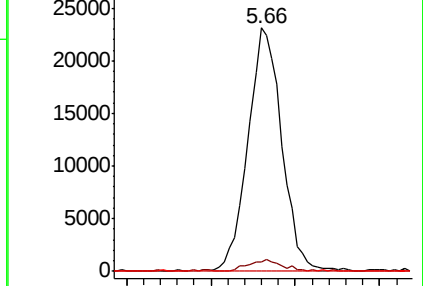
121 0.0 24.6 37.0#



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: 0.757 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006529.D

Acq: 14 Dec 2018 20:31

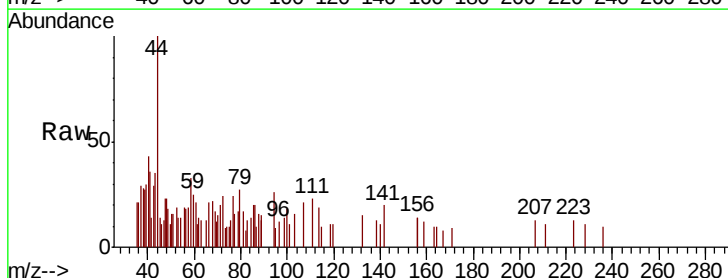
Tgt Ion: 88 Resp: 148

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

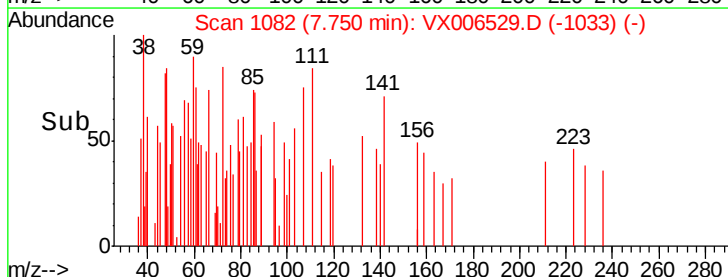
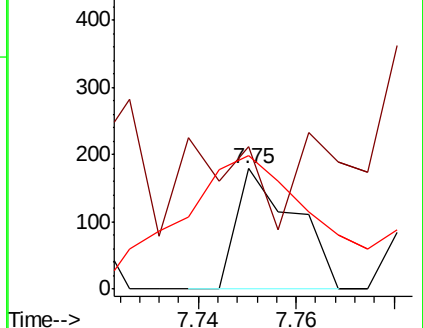
58 281.1 51.4 77.0#



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

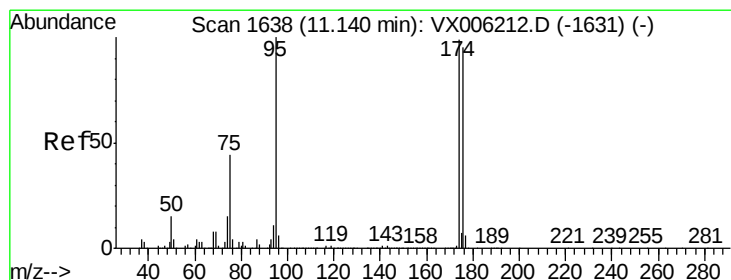
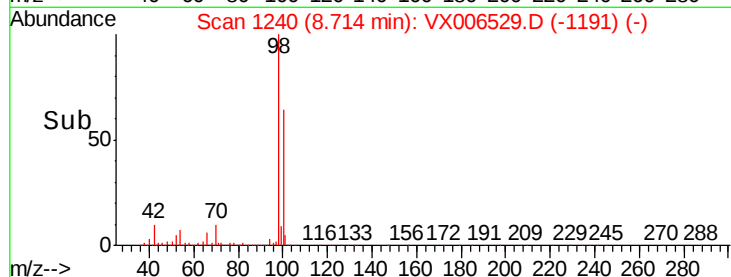
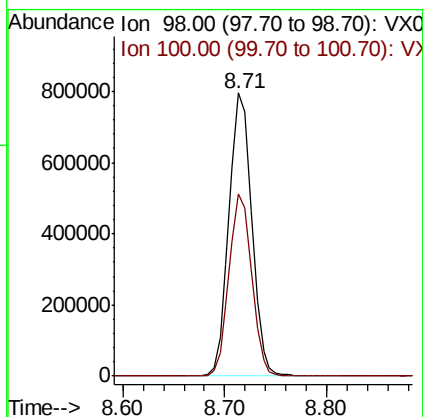
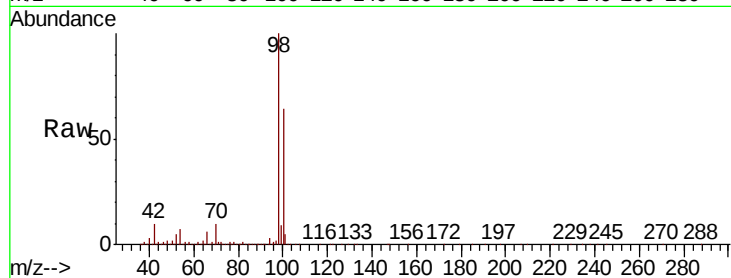




#50
Toluene-d8
Concen: 50.548 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006529.D
Acq: 14 Dec 2018 20:31

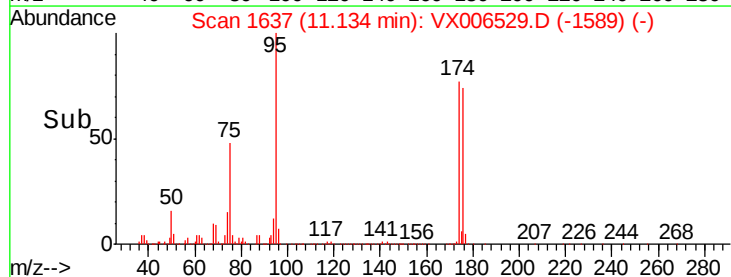
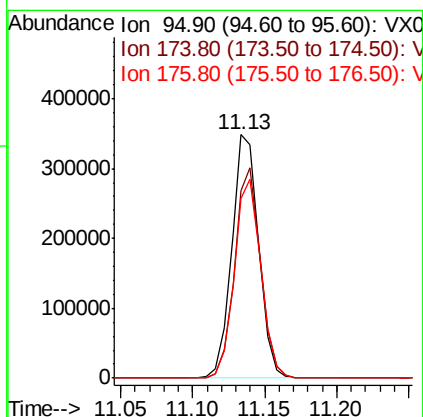
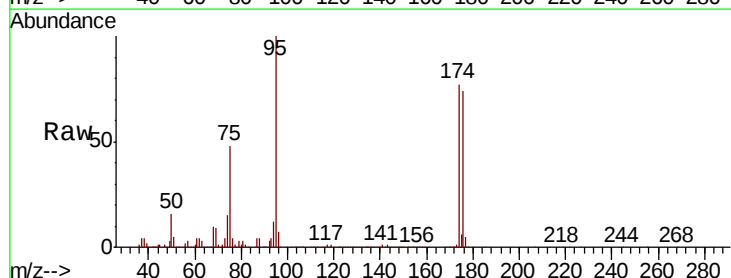
Instrument :
MSVOA_X
ClientSampled :

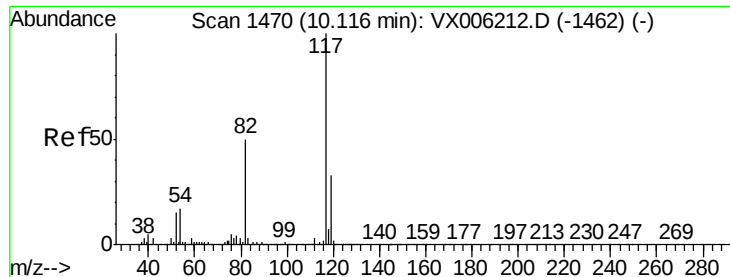
Tot Ion: 98 Resp: 1234420
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.449 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006529.D
Acq: 14 Dec 2018 20:31

Tgt Ion: 95 Resp: 455057
Ion Ratio Lower Upper
95 100
174 83.3 0.0 187.0
176 80.2 0.0 181.8

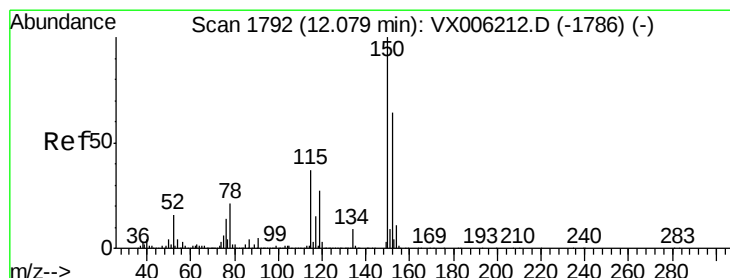
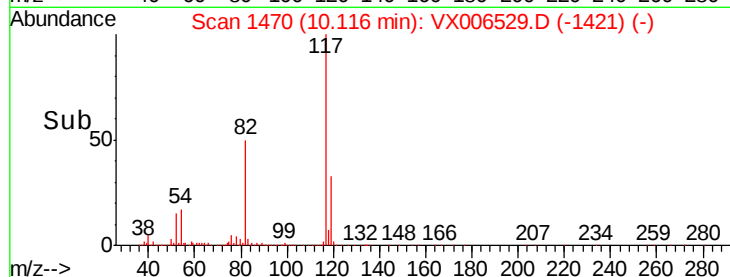
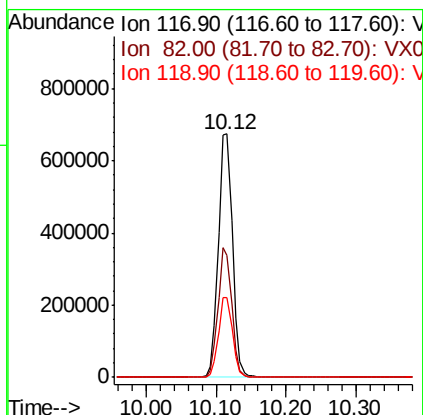
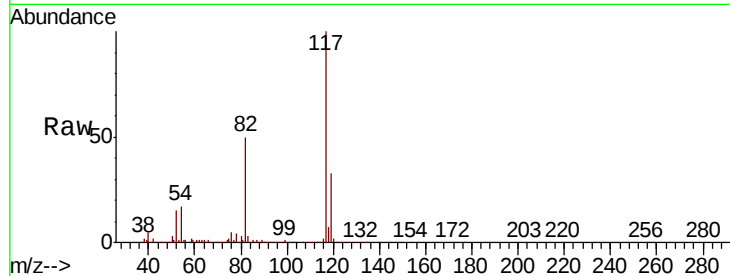




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006529.D
Acq: 14 Dec 2018 20:31

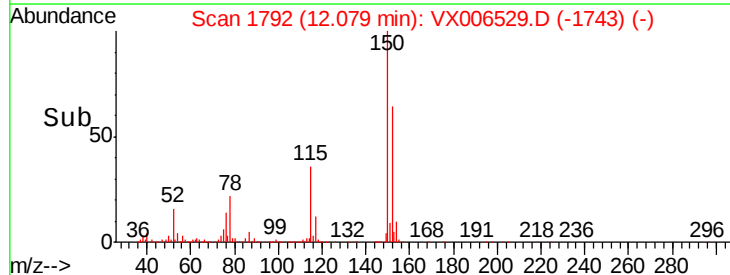
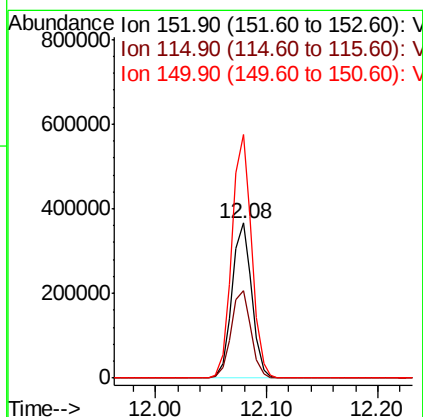
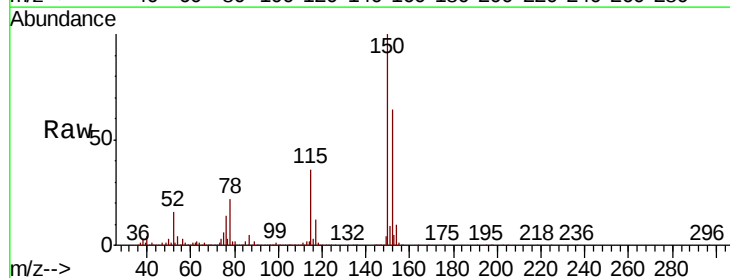
Instrument :
MSVOA_X
ClientSampleId :

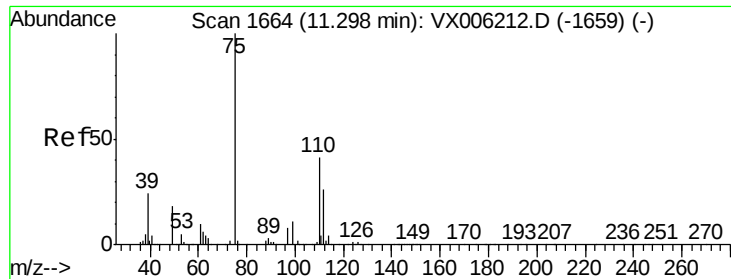
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	39.6	59.4
119	33.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006529.D
Acq: 14 Dec 2018 20:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.5	39.0	116.9
150	157.5	0.0	345.8

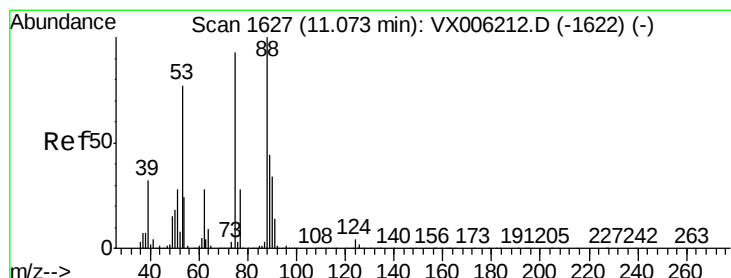
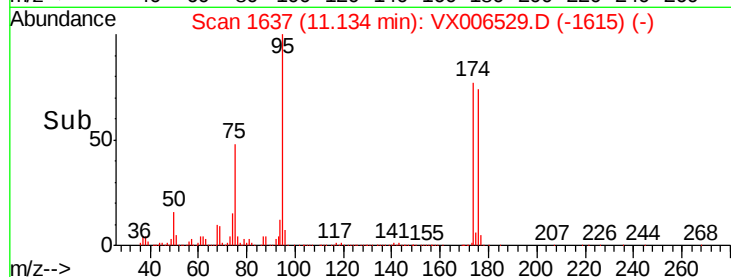
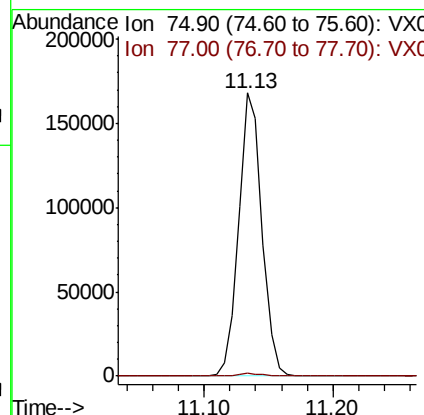
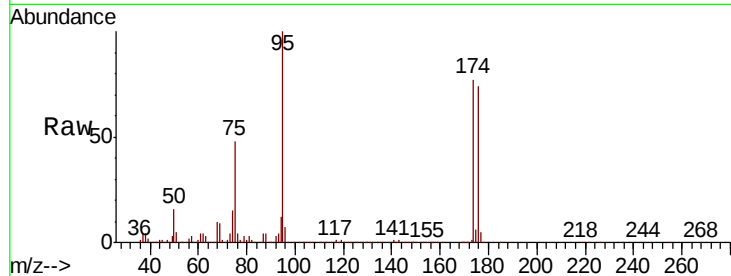




#76
 1,2,3-Trichloropropane
 Concen: 24.487 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006529.D
 Acq: 14 Dec 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 210292
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.464 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006529.D
 Acq: 14 Dec 2018 20:31

Tgt Ion: 75 Resp: 210292
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.1 44.2 66.4#

