

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006527.D
 Acq On : 14 Dec 2018 19:38
 Operator : JC/MD
 Sample : J6396-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:38:19 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	653147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1046260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	942896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444440	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	357200	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
35) Dibromofluoromethane	5.51	113	309679	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	8.71	98	1232982	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.13	95	449118	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	

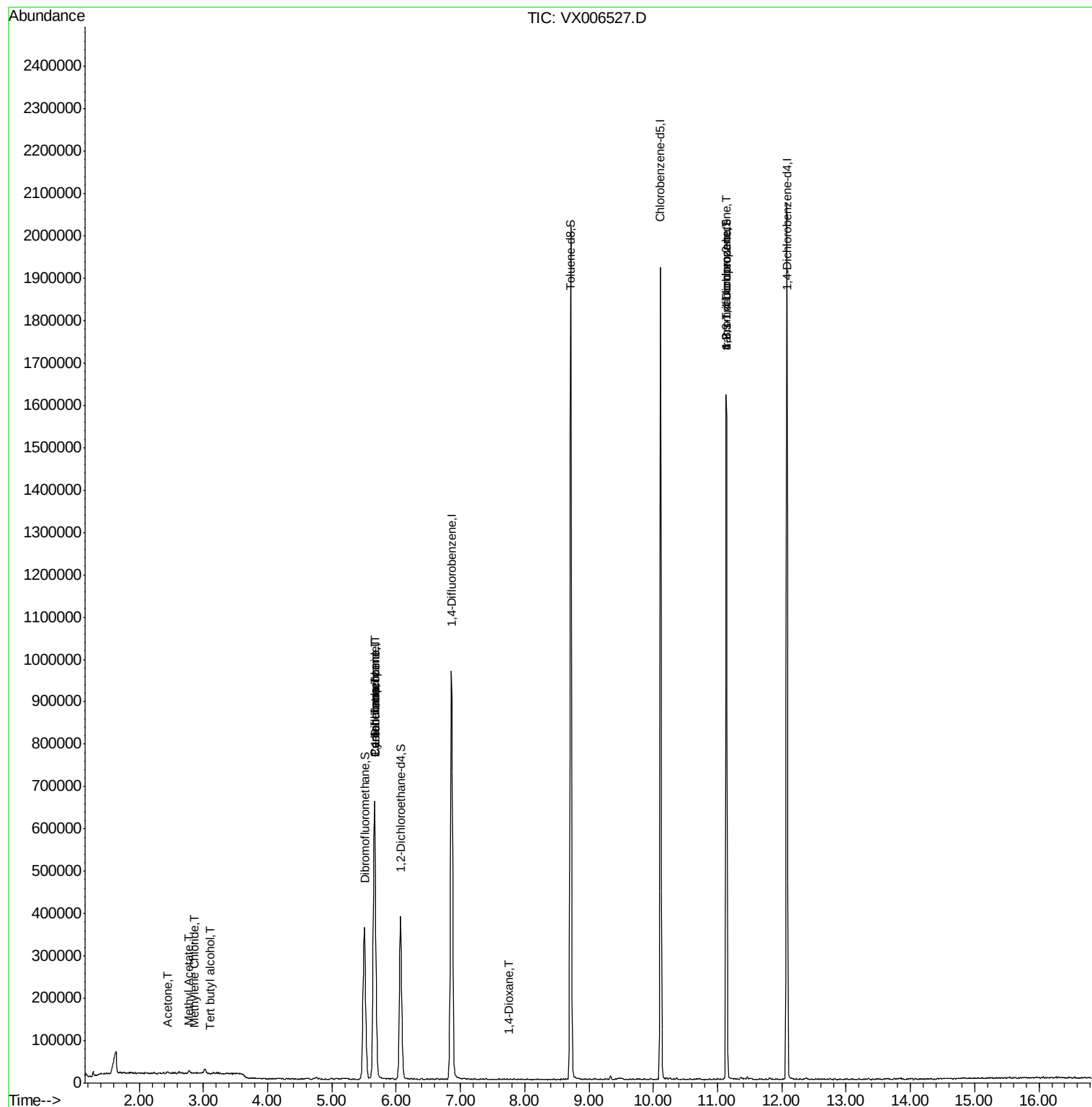
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.11	59	424	0.233	ug/l #	73
16) Acetone	2.45	43	4212	1.346	ug/l #	89
18) Methyl Acetate	2.78	43	7678	0.734	ug/l #	70
20) Methylene Chloride	2.86	84	2001	0.300	ug/l	86
31) Cyclohexane	5.67	56	11120	1.154	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44045	4.999	ug/l #	49
38) Carbon Tetrachloride	5.67	117	61225	5.907	ug/l #	16
49) 1,4-Dioxane	7.74	88	91	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	206134	24.029	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	206134	56.390	ug/l #	15

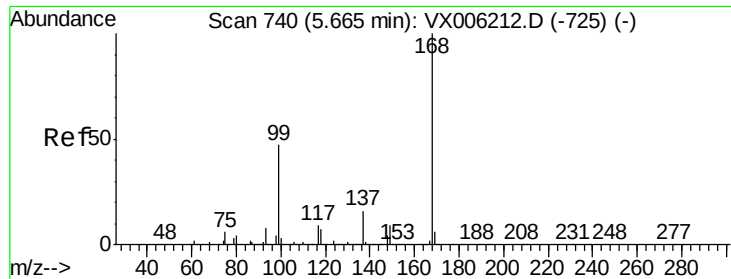
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX006527.D

Acq: 14 Dec 2018 19:38

Instrument :

MSVOA_X

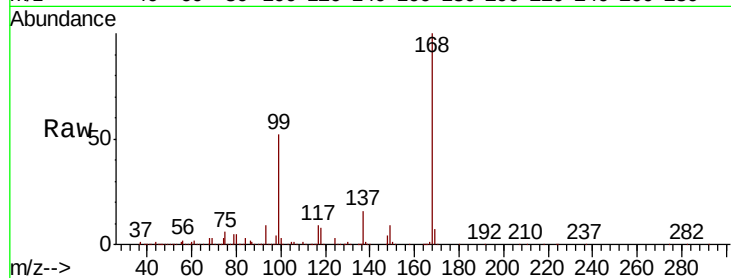
ClientSampled :

Tot Ion:168 Resp: 653147

Ion Ratio Lower Upper

168 100

99 52.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

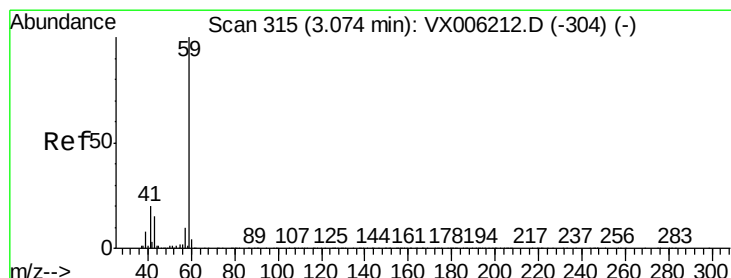
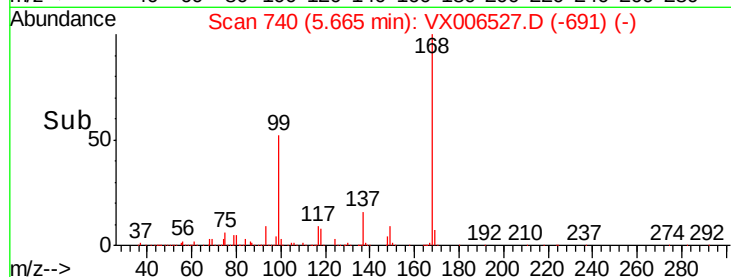
50000

0

5.50 5.60 5.70 5.80

5.67

Time-->



#11

Tert butyl alcohol

Concen: 0.233 ug/l

RT: 3.11 min Scan# 321

Delta R.T. 0.04 min

Lab File: VX006527.D

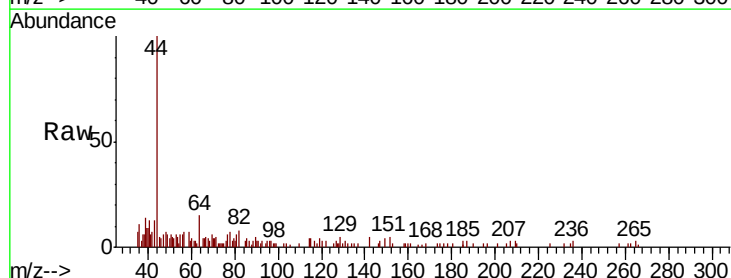
Acq: 14 Dec 2018 19:38

Tgt Ion: 59 Resp: 424

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

400

300

200

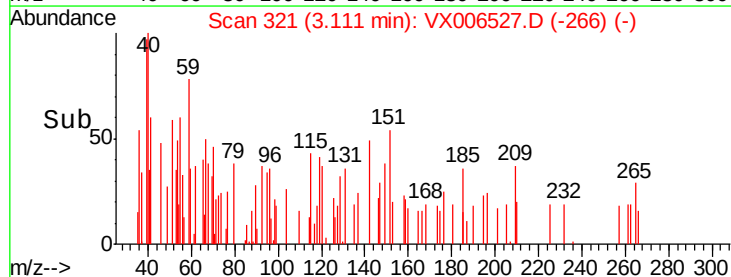
100

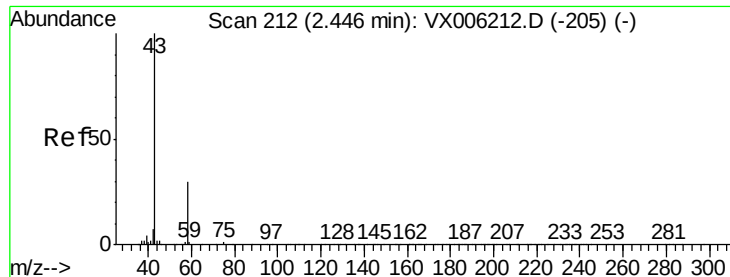
0

3.08 3.10 3.12 3.14

3.11

Time-->





#16

Acetone

Concen: 1.346 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

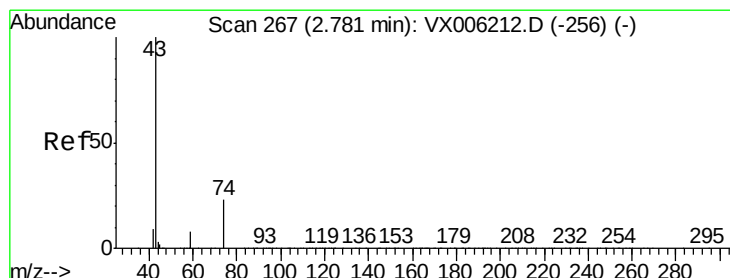
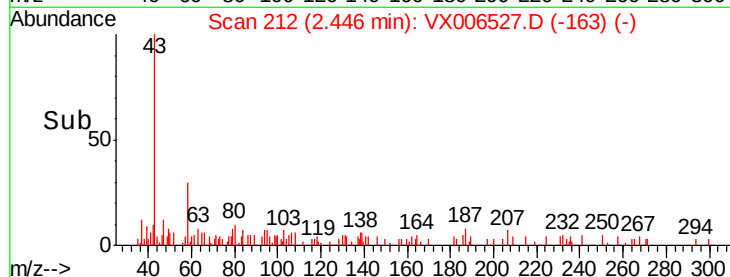
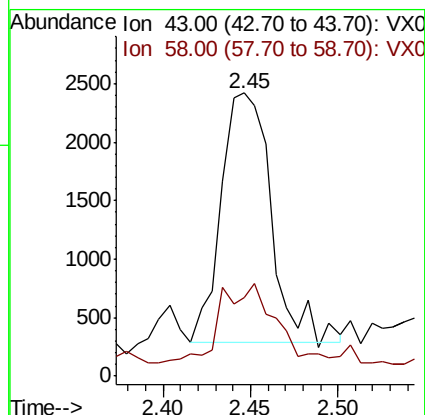
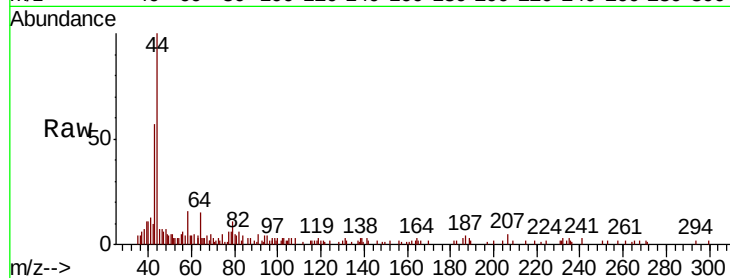
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 4212

Ion Ratio Lower Upper

43 100

58 23.9 24.0 36.0#



#18

Methyl Acetate

Concen: 0.734 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006527.D

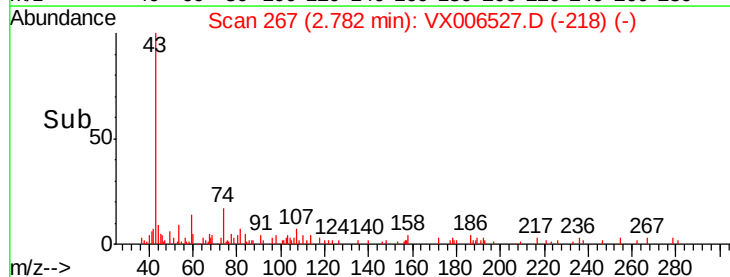
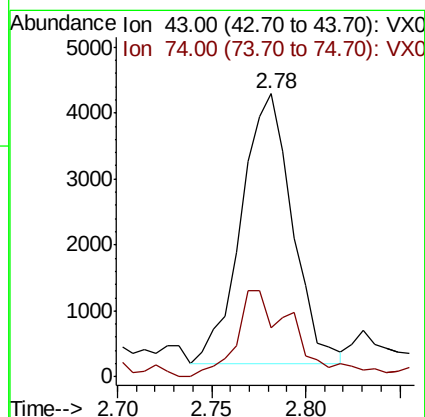
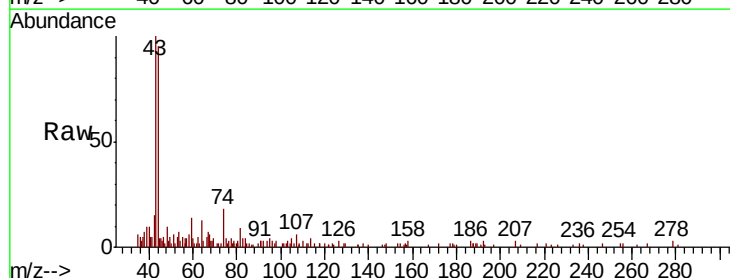
Acq: 14 Dec 2018 19:38

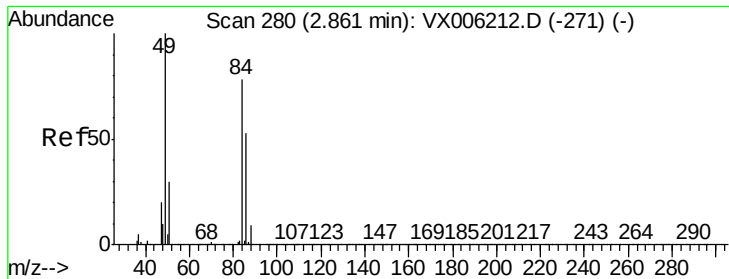
Tgt Ion: 43 Resp: 7678

Ion Ratio Lower Upper

43 100

74 36.8 17.9 26.9#





#20

Methylene Chloride

Concen: 0.300 ug/l

RT: 2.86 min Scan# 280

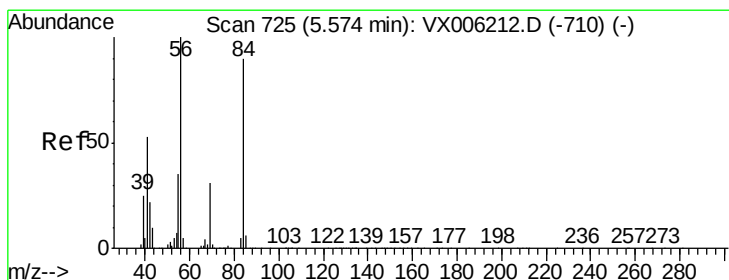
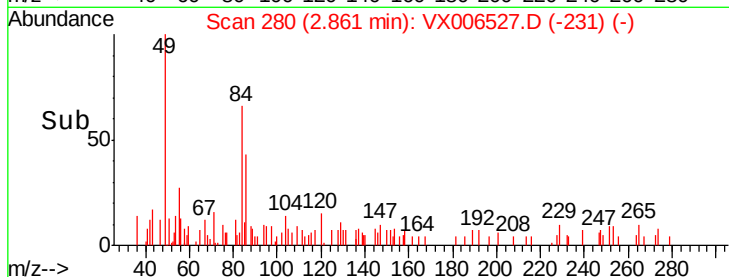
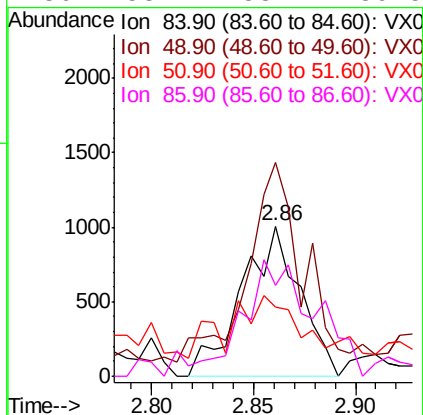
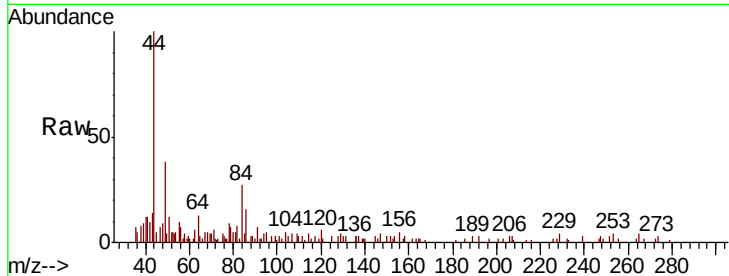
Delta R.T. 0.00 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	84	Resp:	2001
Ion	Ratio	Lower	Upper
84	100		
49	150.3	102.2	153.4
51	36.7	31.1	46.7
86	58.2	53.7	80.5



#31

Cyclohexane

Concen: 1.154 ug/l

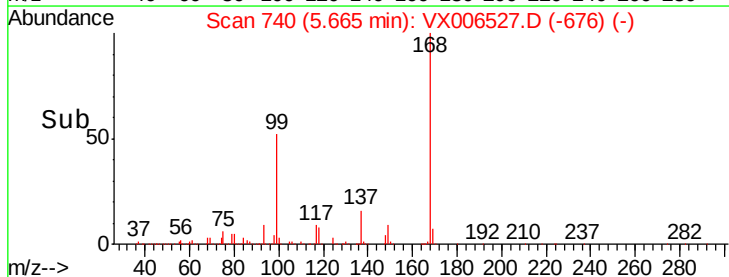
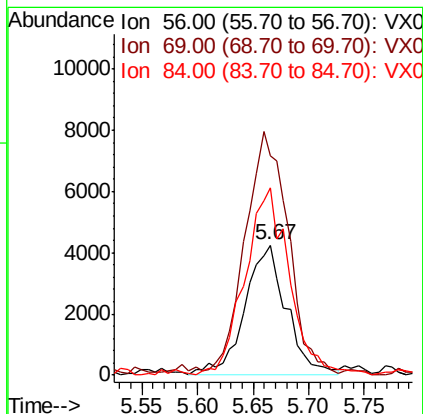
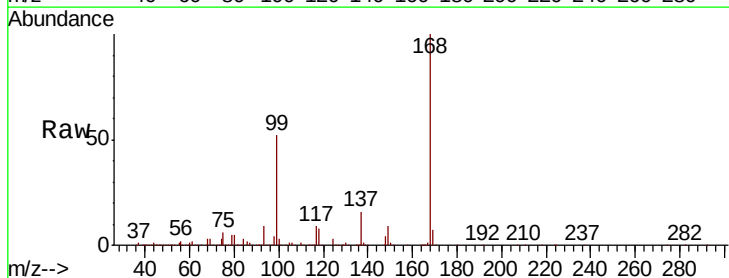
RT: 5.67 min Scan# 740

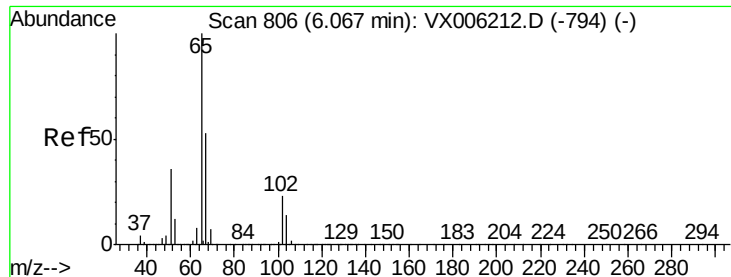
Delta R.T. 0.09 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

Tgt Ion:	56	Resp:	11120
Ion	Ratio	Lower	Upper
56	100		
69	162.4	24.5	36.7#
84	138.6	71.8	107.6#

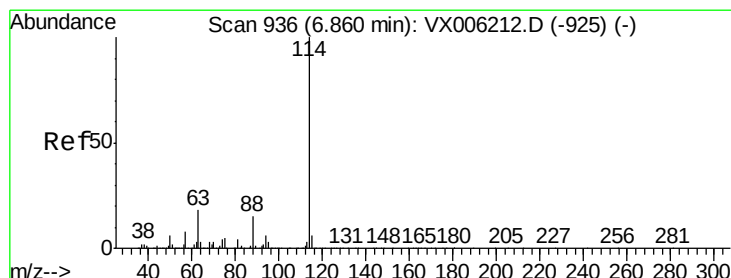
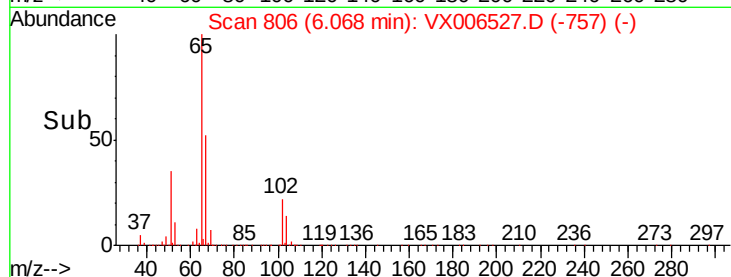
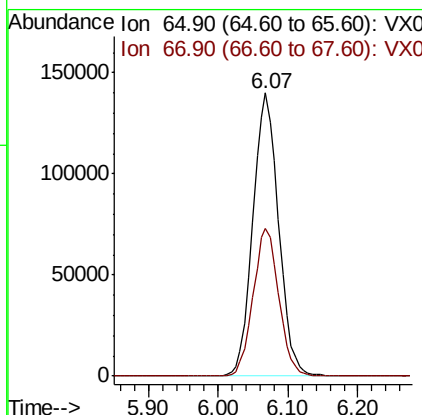
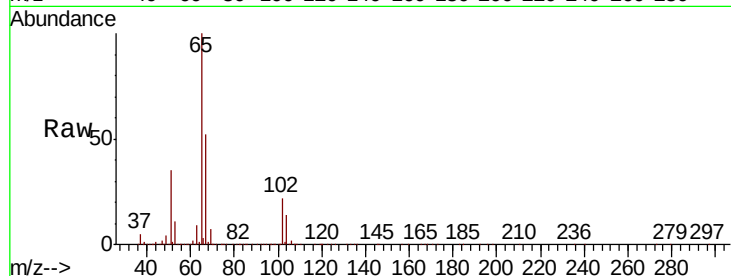




#33
 1,2-Dichloroethane-d4
 Concen: 53.573 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006527.D
 Acq: 14 Dec 2018 19:38

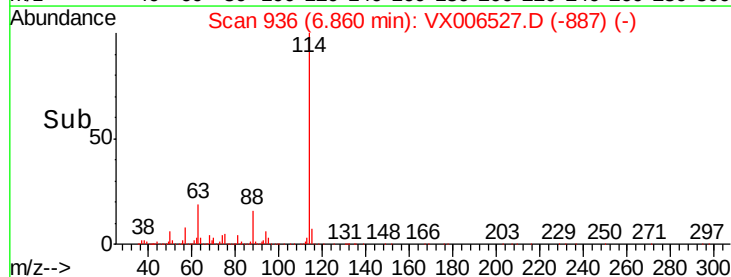
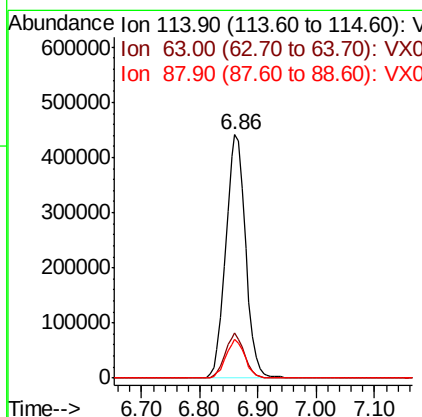
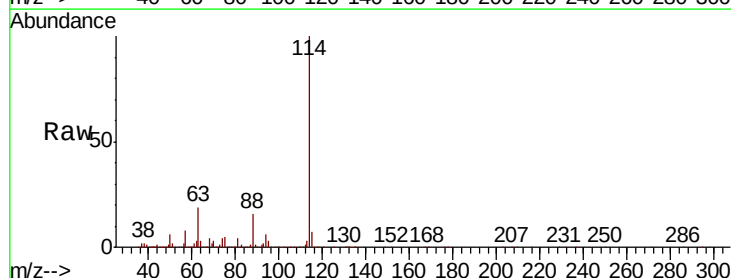
Instrument :
 MSVOA_X
 ClientSampleId :

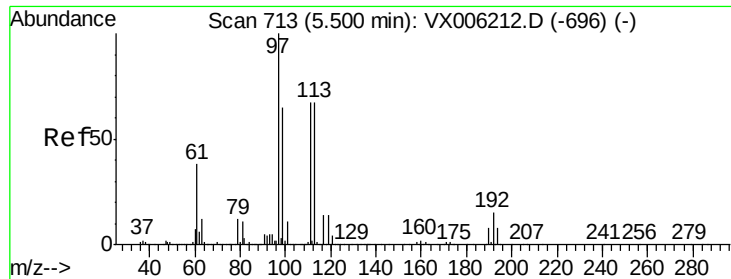
Tot Ion: 65 Resp: 357200
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006527.D
 Acq: 14 Dec 2018 19:38

Tgt Ion: 114 Resp: 1046260
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.6
 88 16.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.715 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

Instrument :

MSVOA_X

ClientSampled :

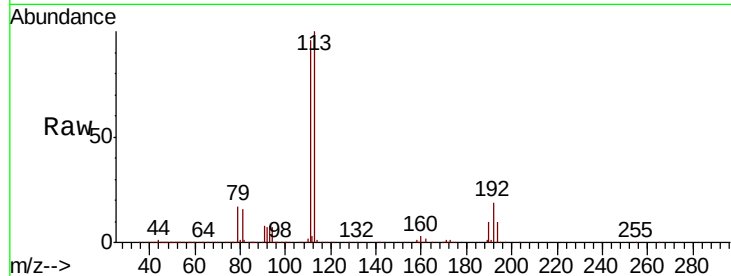
Tot Ion:113 Resp: 309679

Ion Ratio Lower Upper

113 100

111 100.5 81.1 121.7

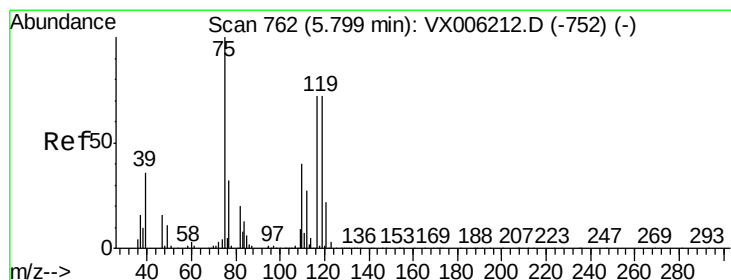
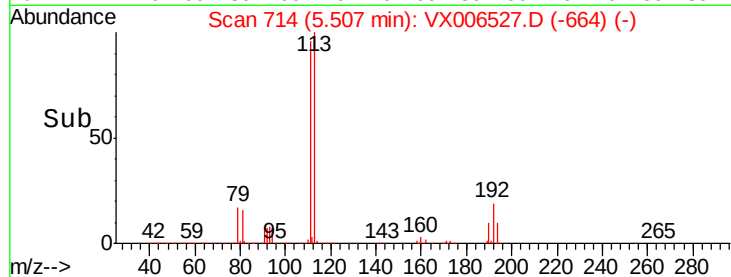
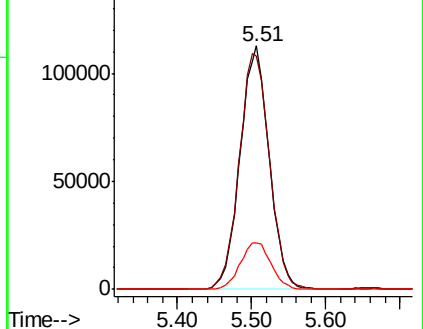
192 20.3 18.2 27.2



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: 4.999 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

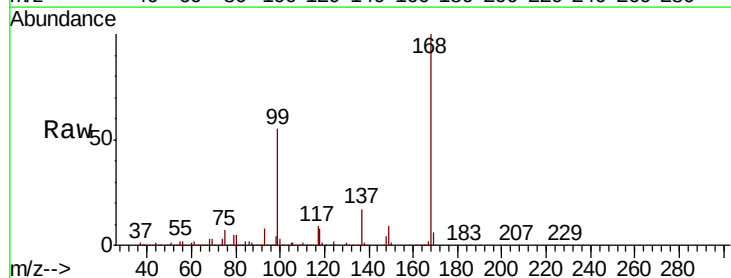
Tgt Ion: 75 Resp: 44045

Ion Ratio Lower Upper

75 100

110 11.1 20.4 61.3#

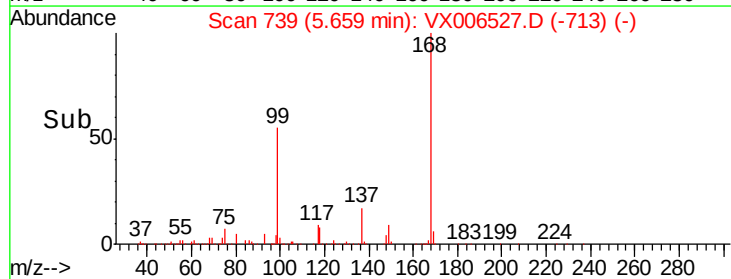
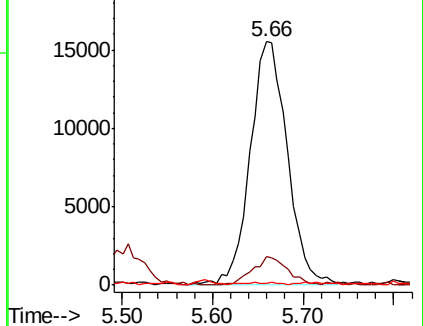
77 0.4 24.9 37.3#

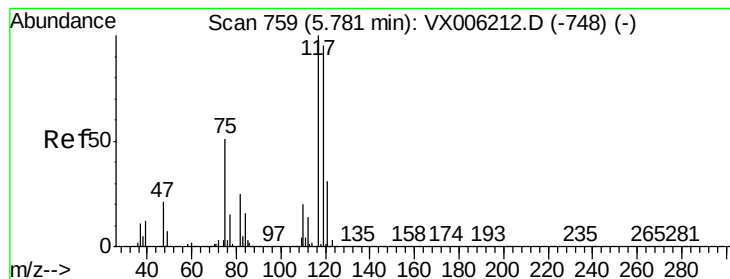


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.907 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

Instrument :

MSVOA_X

ClientSampled :

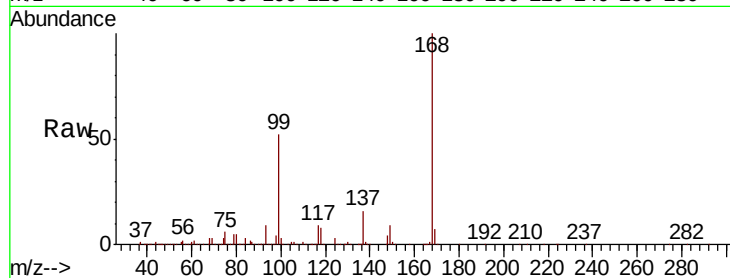
Tot Ion:117 Resp: 61225

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.8#

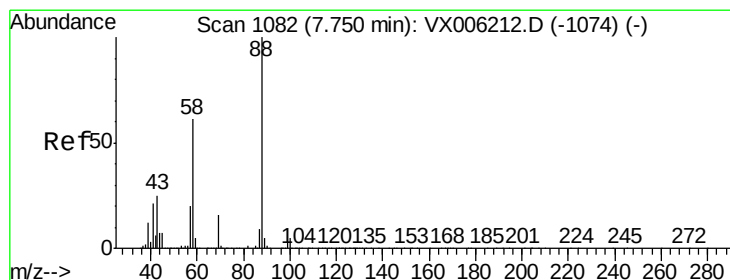
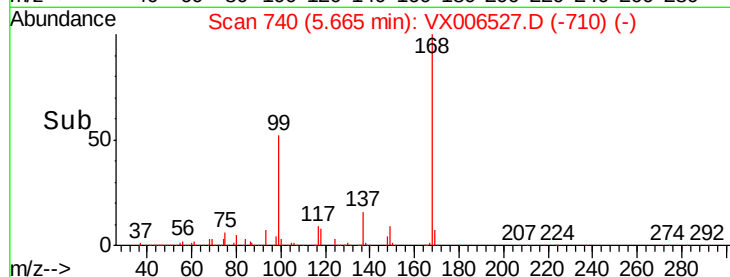
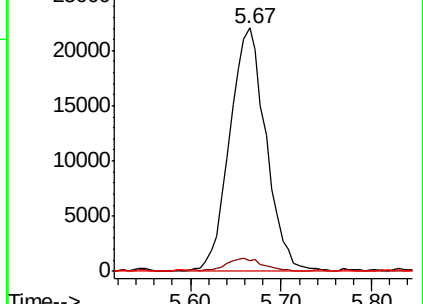
121 0.0 24.6 37.0#



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: 0.461 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006527.D

Acq: 14 Dec 2018 19:38

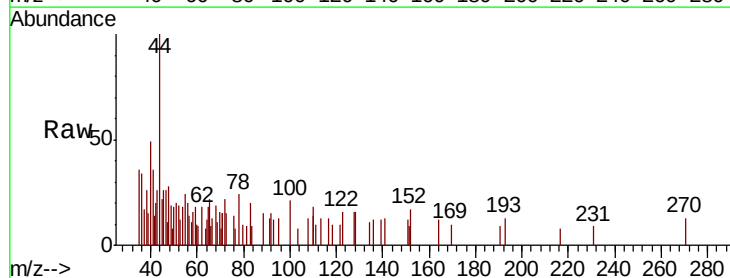
Tgt Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 178.0 23.2 34.8#

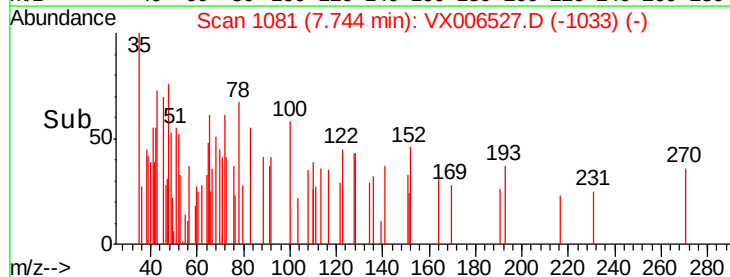
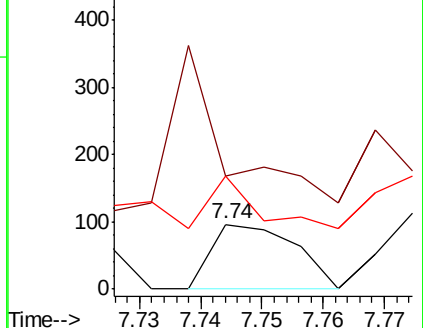
58 178.0 51.4 77.0#

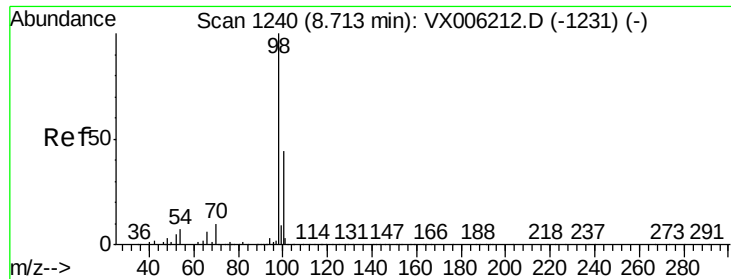


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

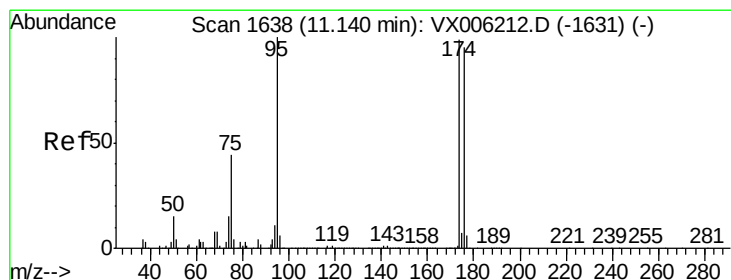
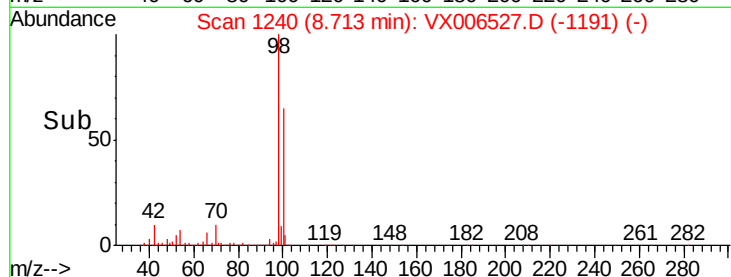
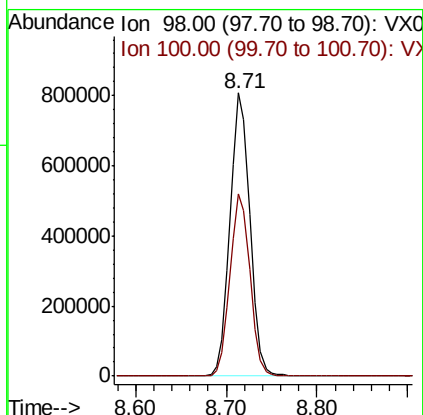
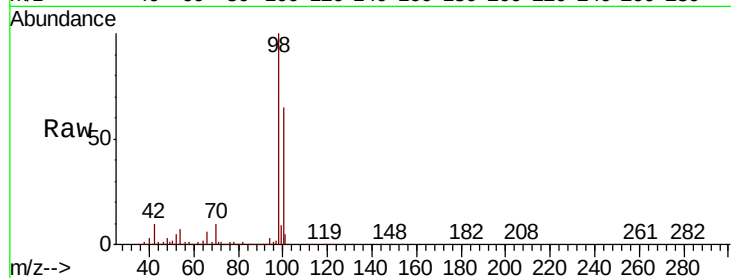




#50
Toluene-d8
Concen: 50.039 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006527.D
Acq: 14 Dec 2018 19:38

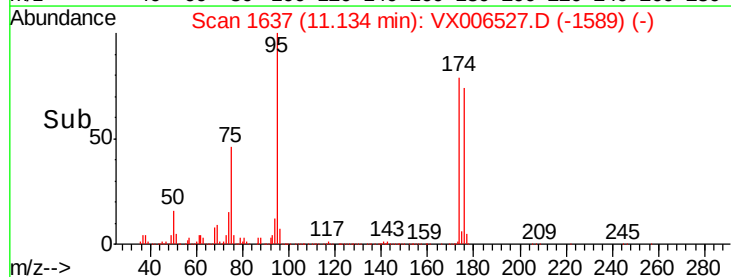
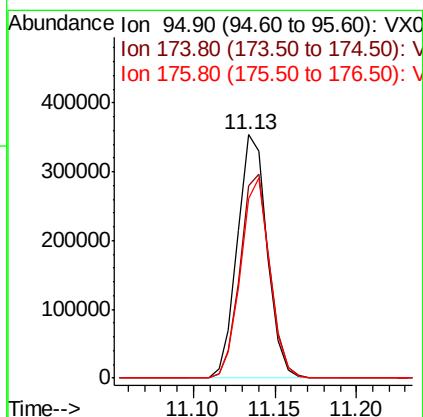
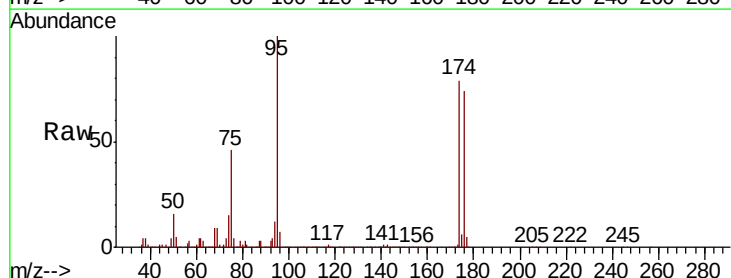
Instrument :
MSVOA_X
ClientSampleId :

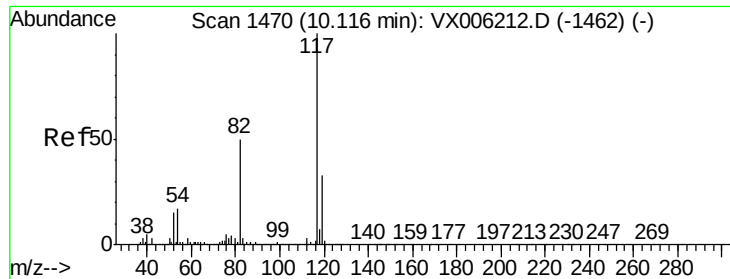
Tot Ion: 98 Resp: 1232982
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.369 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006527.D
Acq: 14 Dec 2018 19:38

Tgt Ion: 95 Resp: 449118
Ion Ratio Lower Upper
95 100
174 84.2 0.0 187.0
176 81.1 0.0 181.8

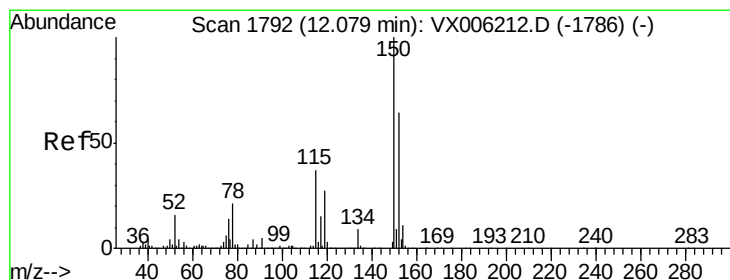
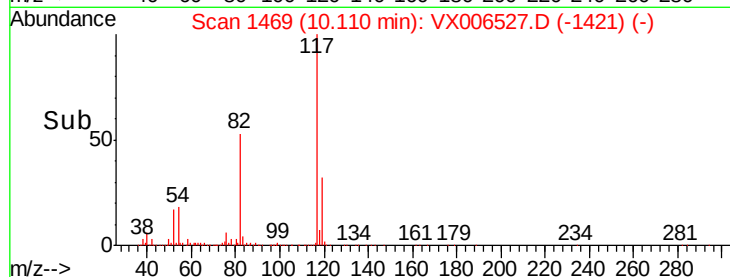
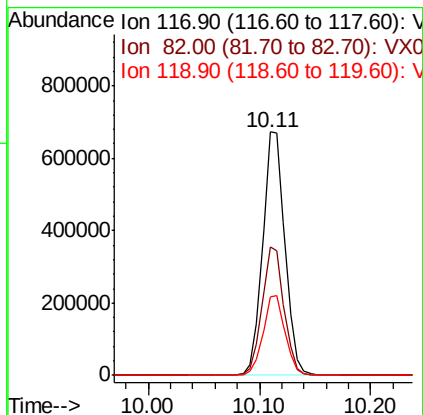
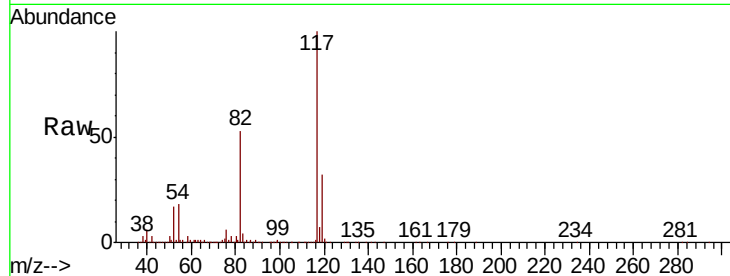




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006527.D
Acq: 14 Dec 2018 19:38

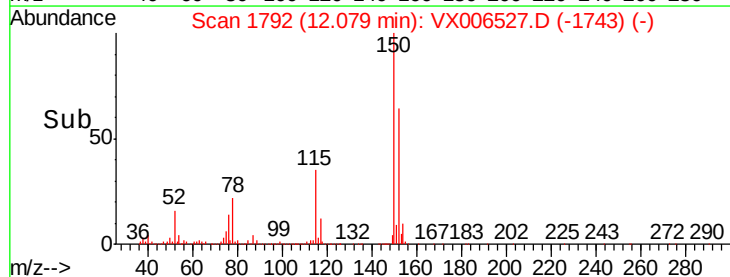
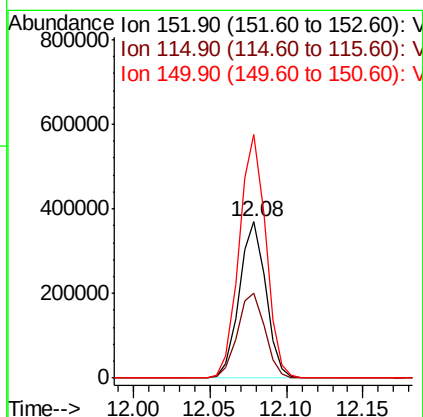
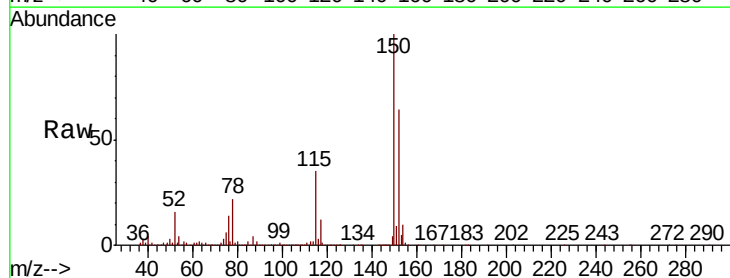
Instrument :
MSVOA_X
ClientSampled :

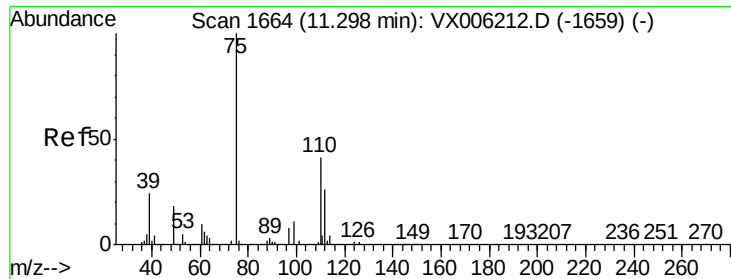
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	39.6	59.4
119	32.4	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006527.D
Acq: 14 Dec 2018 19:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	39.0	116.9
150	155.9	0.0	345.8

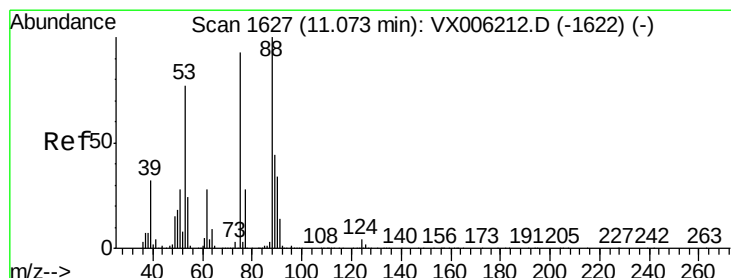
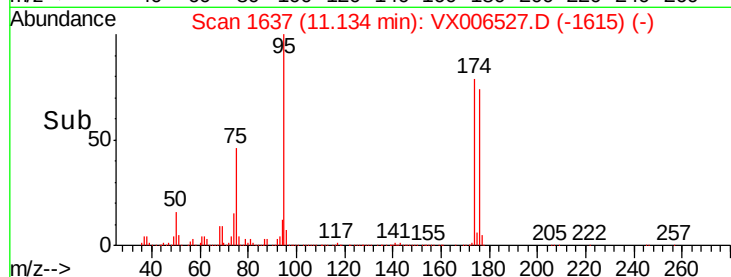
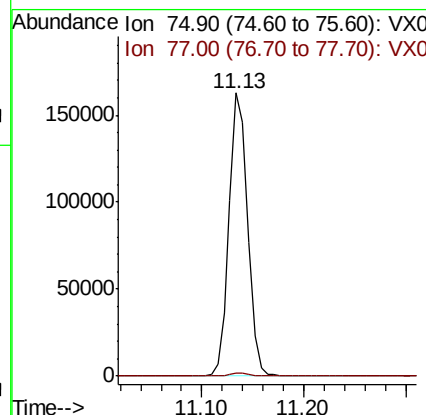
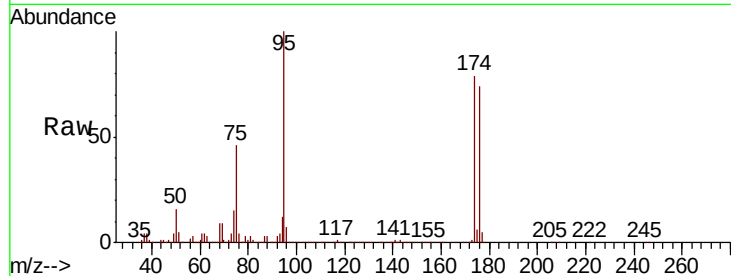




#76
 1,2,3-Trichloropropane
 Concen: 24.029 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006527.D
 Acq: 14 Dec 2018 19:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 206134
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.390 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006527.D
 Acq: 14 Dec 2018 19:38

Tgt Ion: 75 Resp: 206134
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.1 44.2 66.4#

