

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006519.D
 Acq On : 14 Dec 2018 15:38
 Operator : JC/MD
 Sample : J6396-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:36:31 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	703674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1124697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1014472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	483961	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	375703	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
35) Dibromofluoromethane	5.51	113	332819	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
50) Toluene-d8	8.71	98	1303724	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	484826	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	

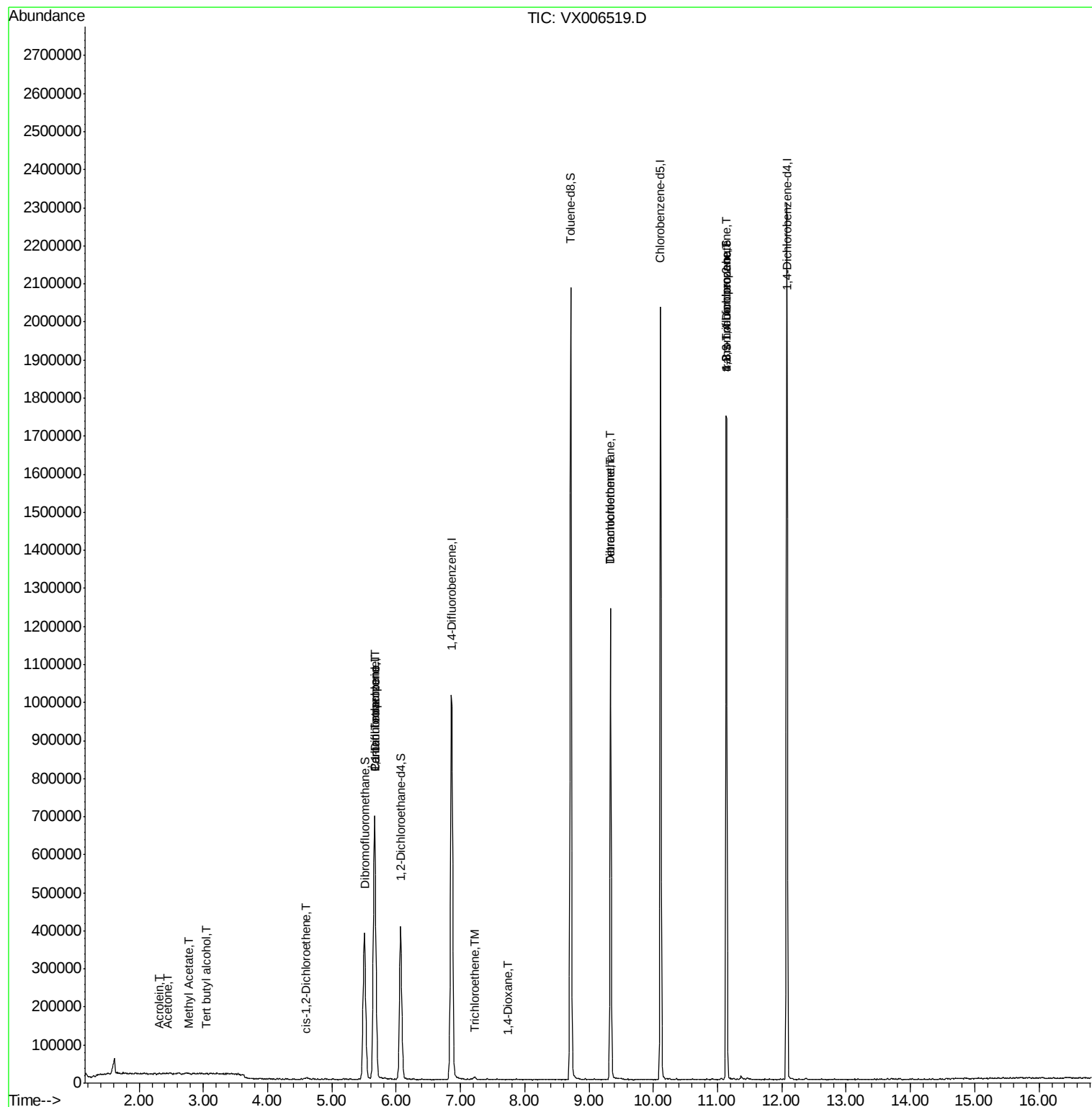
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.05	59	549	0.279	ug/l #	73
13) Acrolein	2.31	56	369	0.344	ug/l #	79
16) Acetone	2.45	43	1640	0.486	ug/l #	72
18) Methyl Acetate	2.78	43	2666	0.236	ug/l #	75
27) cis-1,2-Dichloroethene	4.60	96	2844	0.376	ug/l	96
36) 1,1-Dichloropropene	5.67	75	47459	5.011	ug/l #	47
38) Carbon Tetrachloride	5.67	117	65435	5.873	ug/l #	17
44) Trichloroethene	7.21	130	2754	0.320	ug/l	98
49) 1,4-Dioxane	7.74	88	135	0.637	ug/l #	1
60) Dibromochloromethane	9.34	129	222757	23.827	ug/l #	11
64) Tetrachloroethene	9.34	164	240660	31.500	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	221334	23.694	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	221334	55.604	ug/l #	15

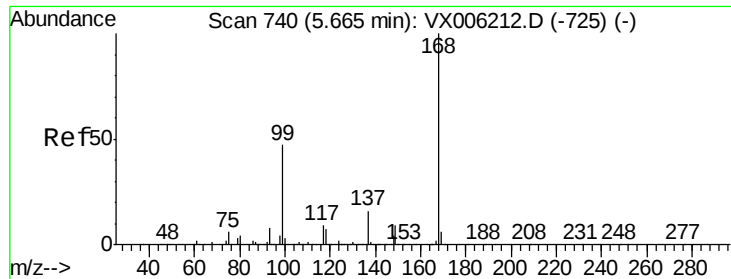
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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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: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

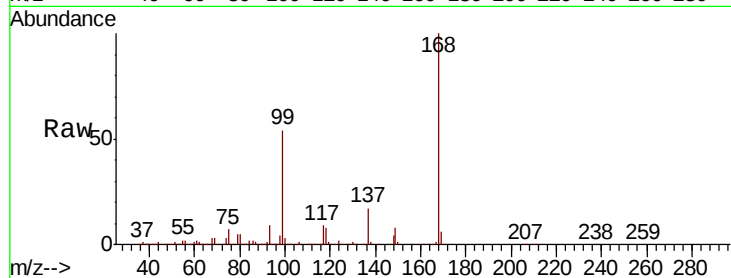
ClientSampleId :

Tot Ion:168 Resp: 703674

Ion Ratio Lower Upper

168 100

99 53.9 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

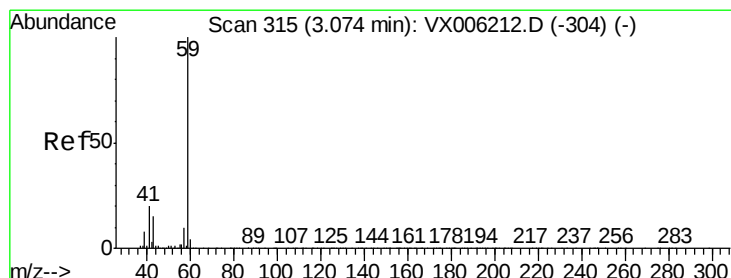
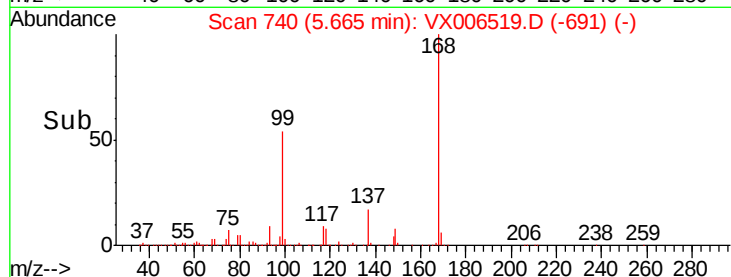
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.279 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.02 min

Lab File: VX006519.D

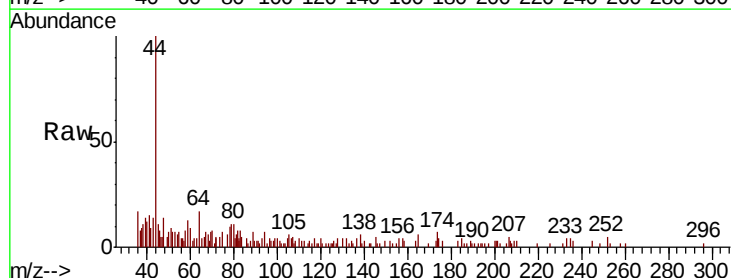
Acq: 14 Dec 2018 15:38

Tgt Ion: 59 Resp: 549

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

3.05

400

300

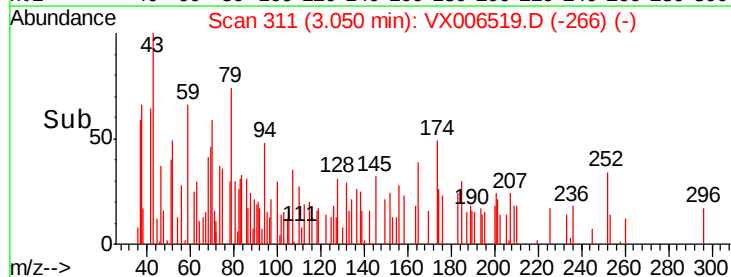
200

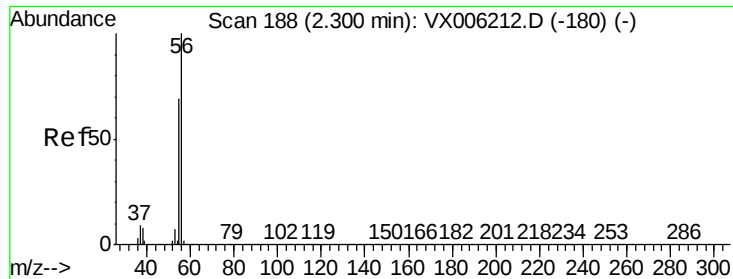
100

0

Time-->

3.02 3.04 3.06 3.08

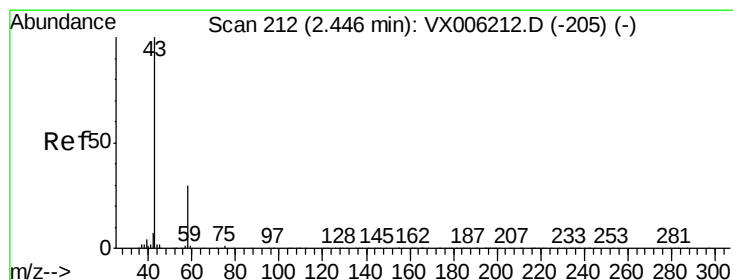
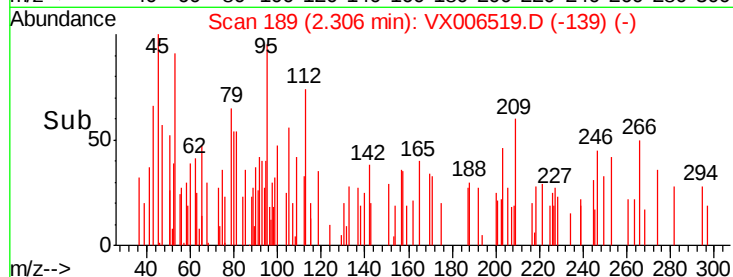
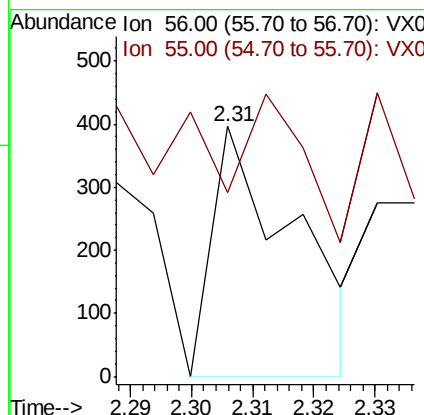
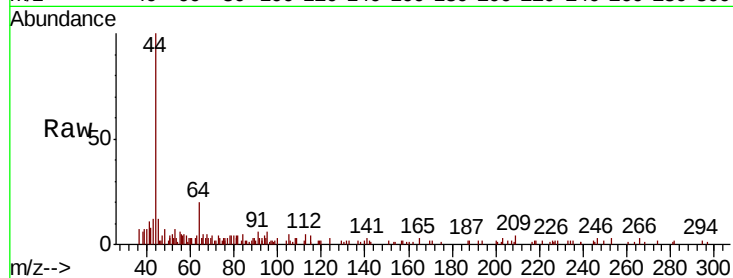




#13
Acrolein
Concen: 0.344 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

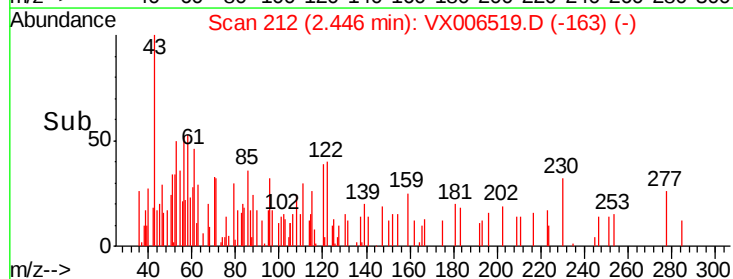
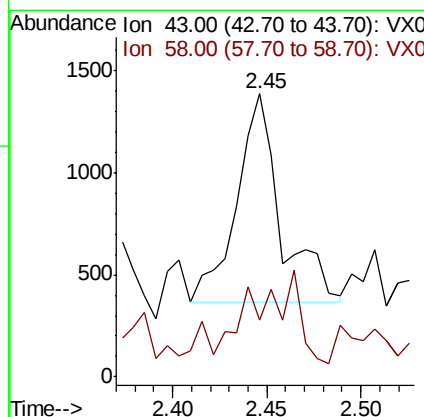
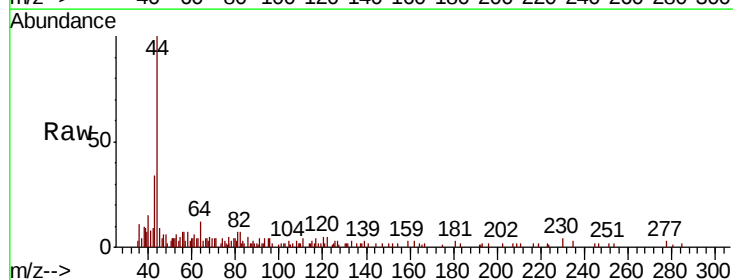
Instrument :
MSVOA_X
ClientSampleId :

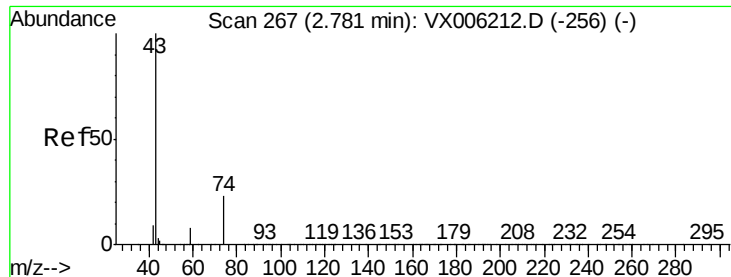
Tot Ion: 56 Resp: 369
Ion Ratio Lower Upper
56 100
55 54.7 57.8 86.6#



#16
Acetone
Concen: 0.486 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
43 100
58 14.9 24.0 36.0#

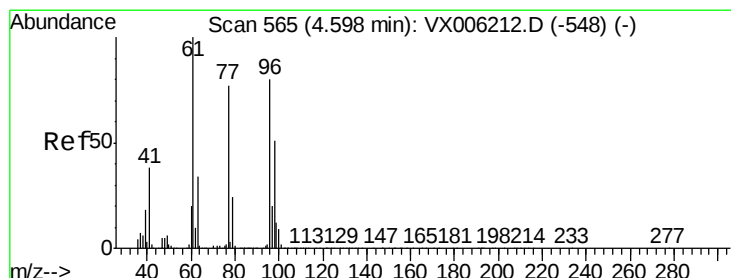
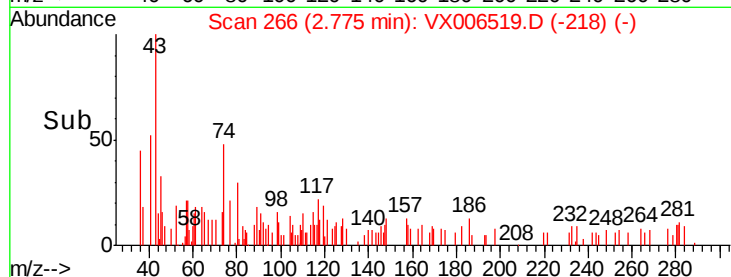
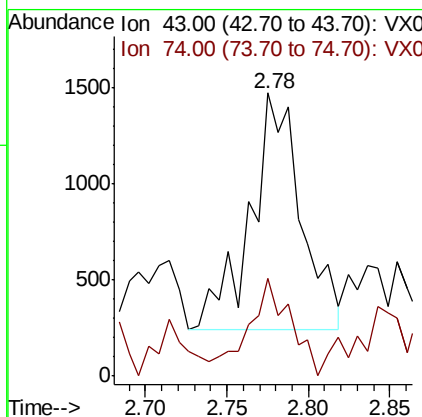
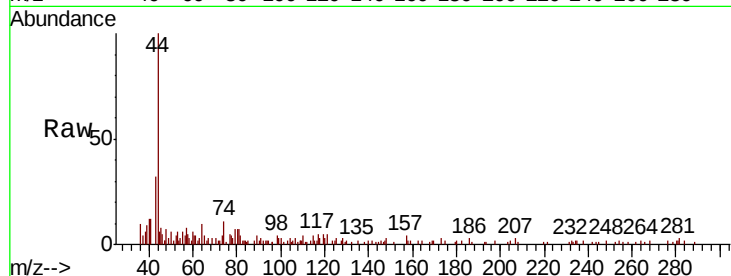




#18
Methyl Acetate
Concen: 0.236 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

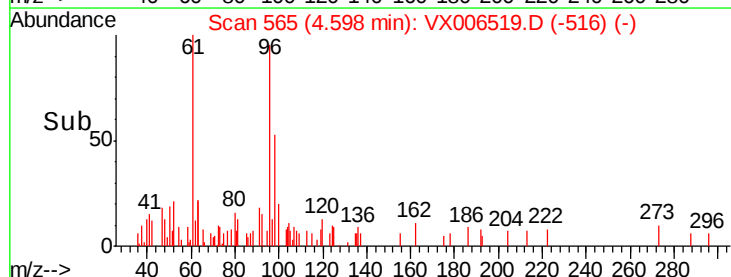
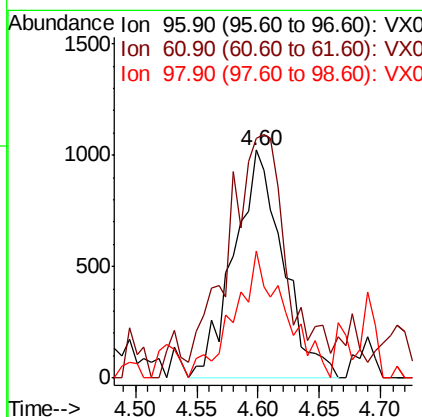
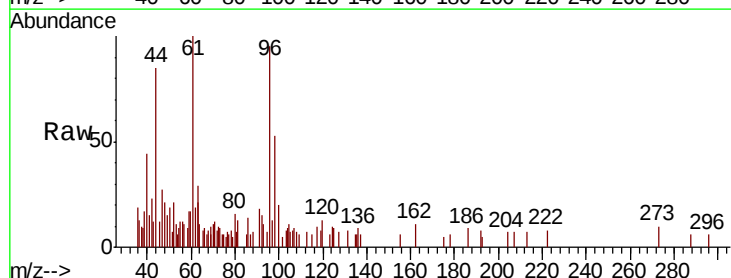
Instrument :
MSVOA_X
ClientSampleId :

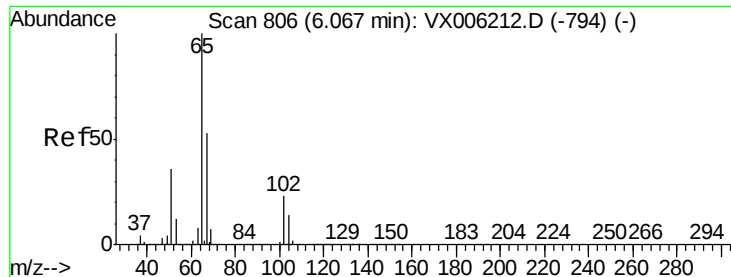
Tot Ion: 43 Resp: 2666
Ion Ratio Lower Upper
43 100
74 34.2 17.9 26.9#



#27
cis-1,2-Dichloroethene
Concen: 0.376 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

Tgt Ion: 96 Resp: 2844
Ion Ratio Lower Upper
96 100
61 130.4 0.0 265.0
98 57.6 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 52.302 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

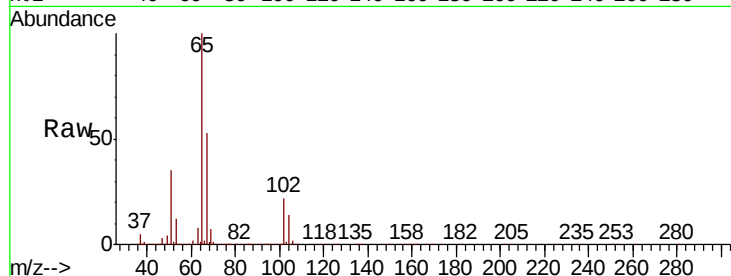
ClientSampleId :

Tot Ion: 65 Resp: 375703

Ion Ratio Lower Upper

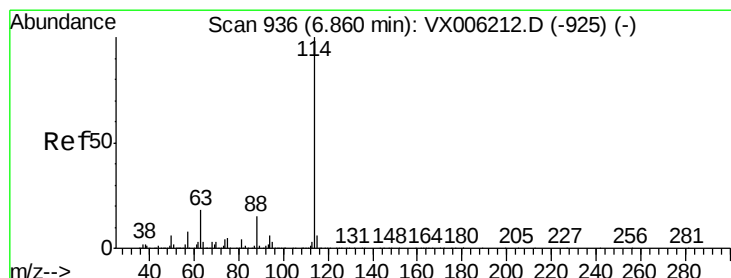
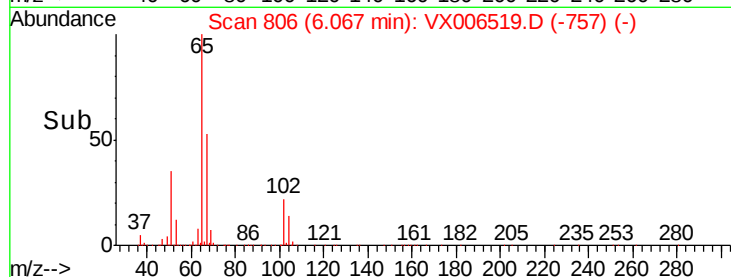
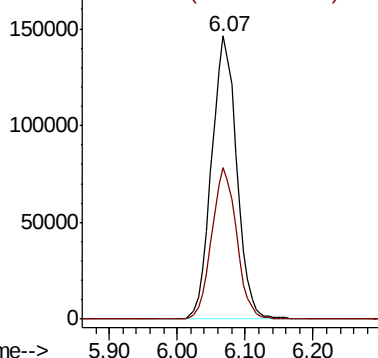
65 100

67 52.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

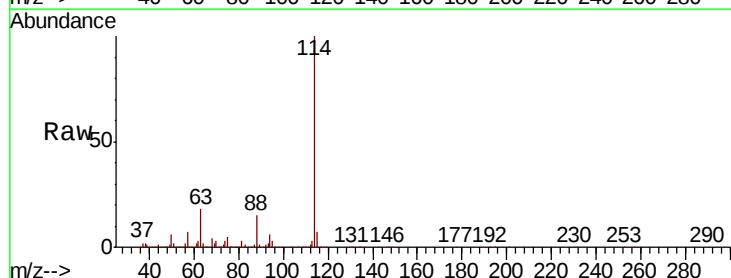
Tgt Ion: 114 Resp: 1124697

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

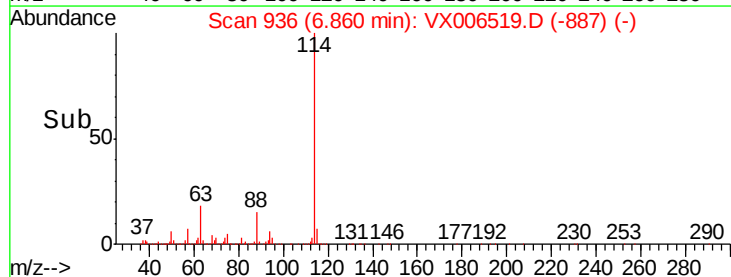
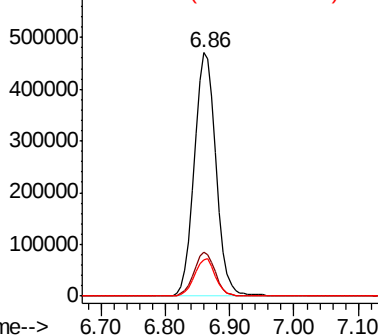
88 14.9 0.0 29.0

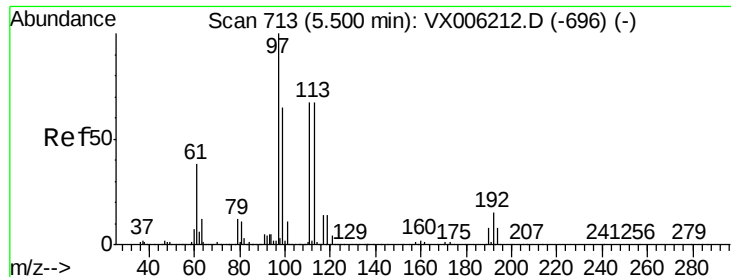


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.705 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

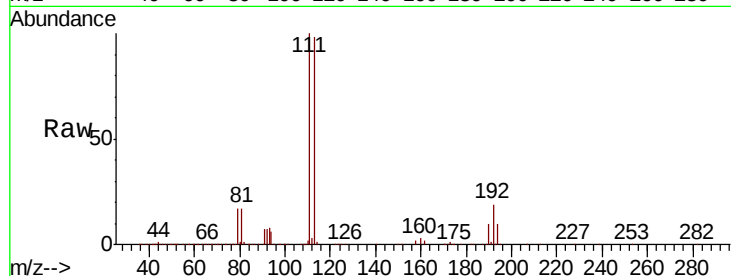
Tot Ion:113 Resp: 332819

Ion Ratio Lower Upper

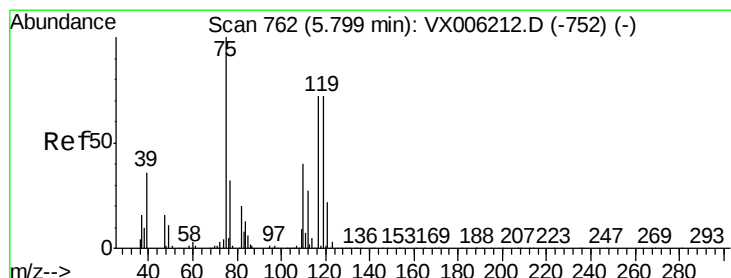
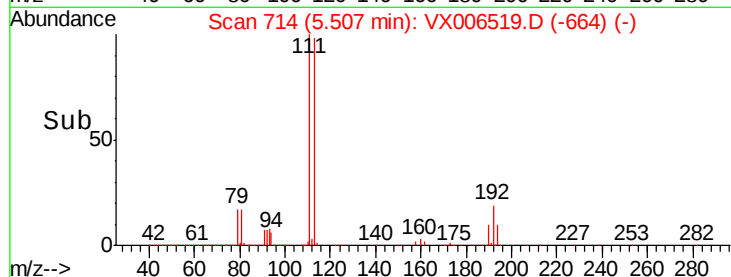
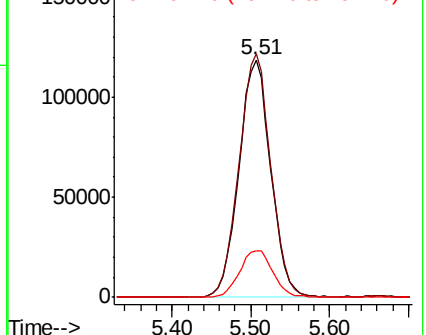
113 100

111 102.3 81.1 121.7

192 20.4 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: 5.011 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

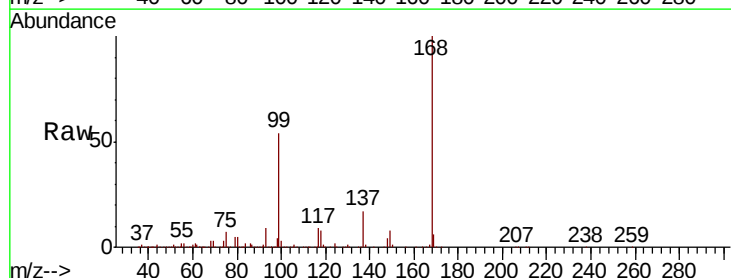
Tgt Ion: 75 Resp: 47459

Ion Ratio Lower Upper

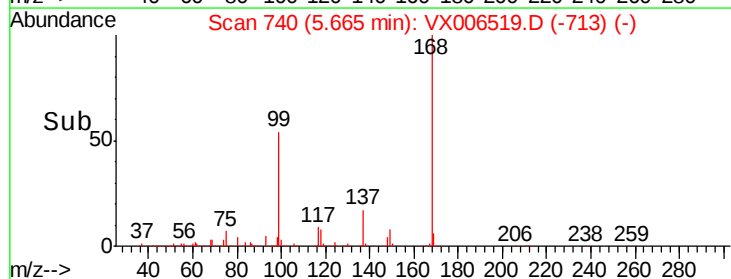
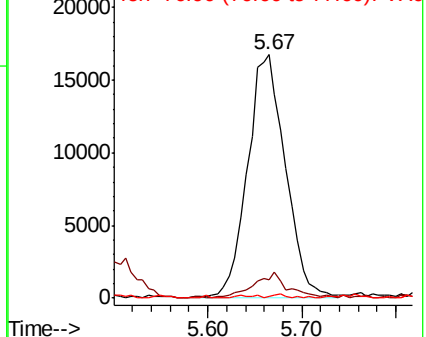
75 100

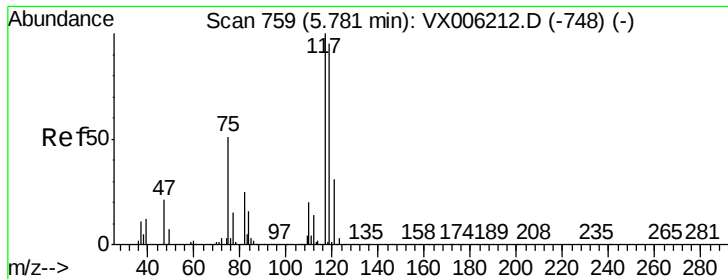
110 9.7 20.4 61.3#

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

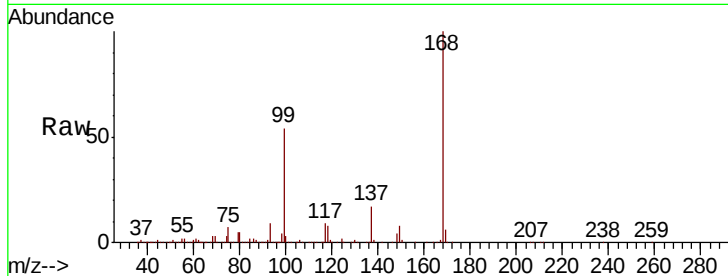




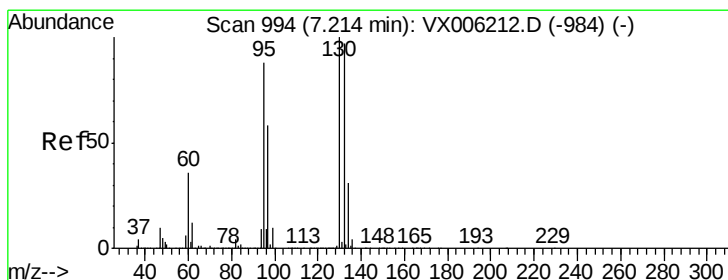
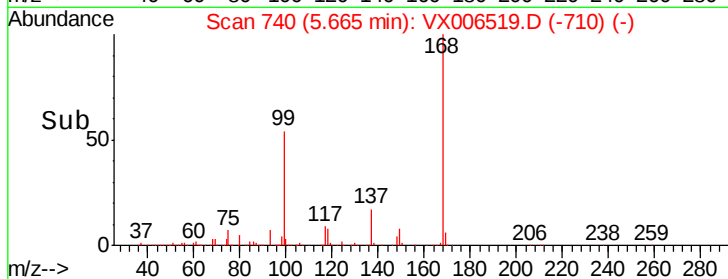
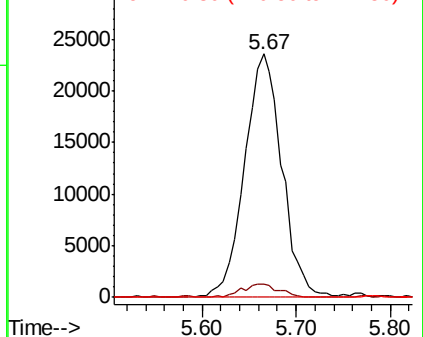
#38
Carbon Tetrachloride
Concen: 5.873 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 65435
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#

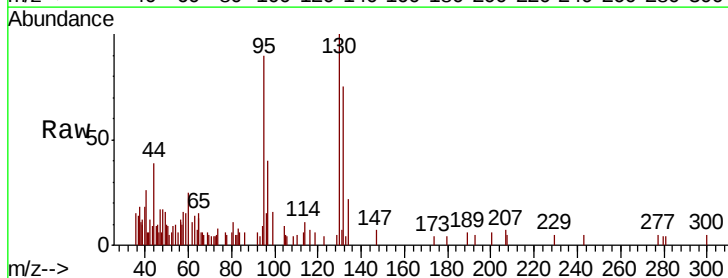


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

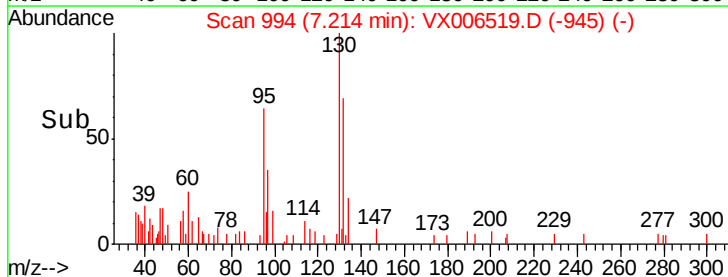
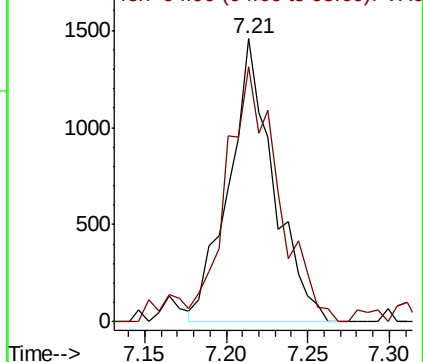


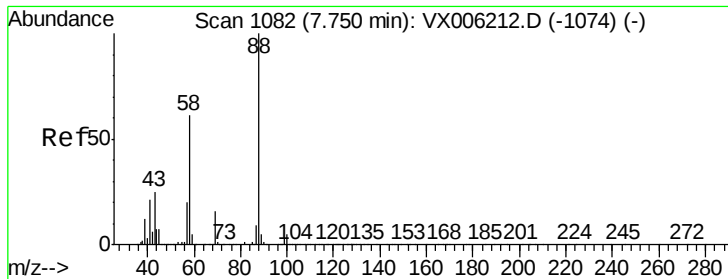
#44
Trichloroethene
Concen: 0.320 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

Tgt Ion:130 Resp: 2754
Ion Ratio Lower Upper
130 100
95 90.1 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 0.637 ug/l

RT: 7.74 min Scan# 1081

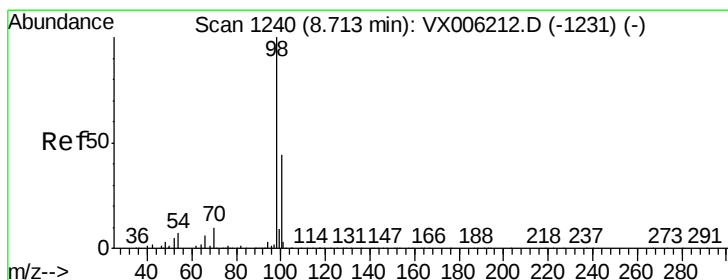
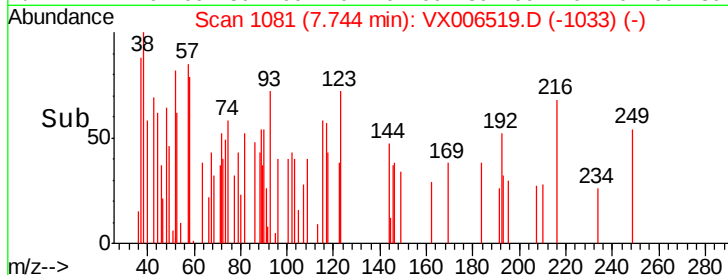
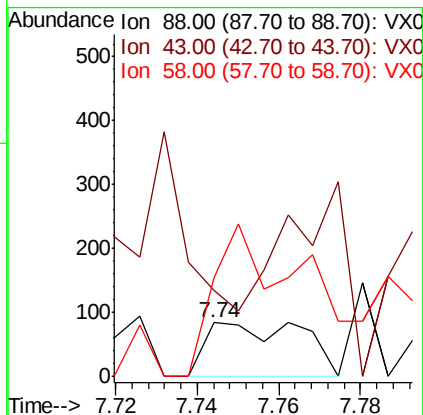
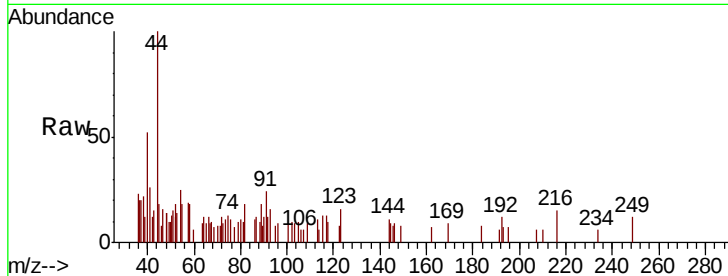
Delta R.T. -0.01 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	88	Resp:	135
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	281.5	51.4	77.0#



#50

Toluene-d8

Concen: 49.220 ug/l

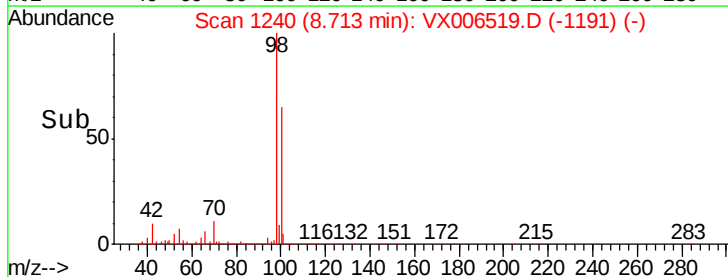
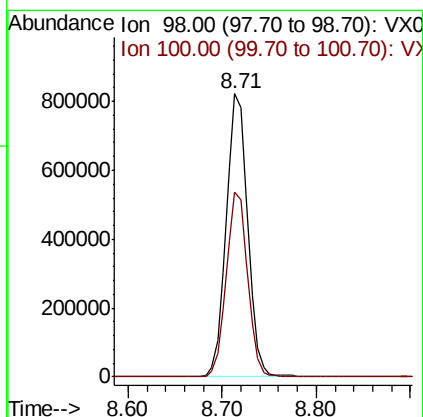
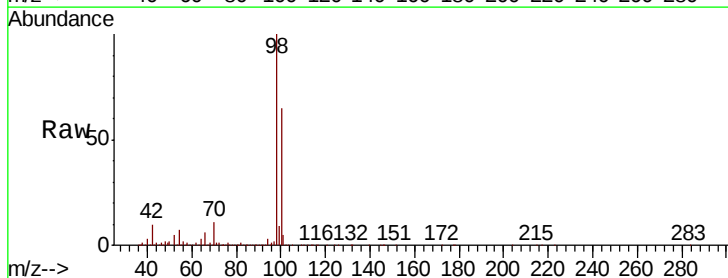
RT: 8.71 min Scan# 1240

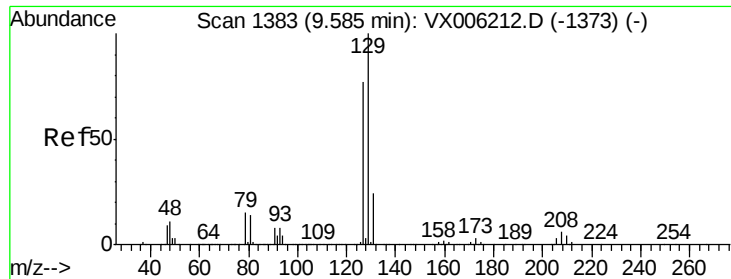
Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Tgt Ion:	98	Resp:	1303724
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#60

Dibromochloromethane

Concen: 23.827 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

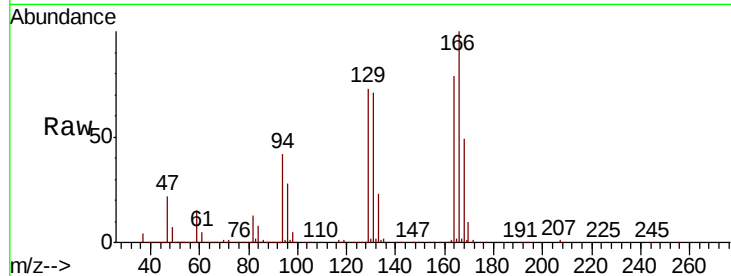
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 222757

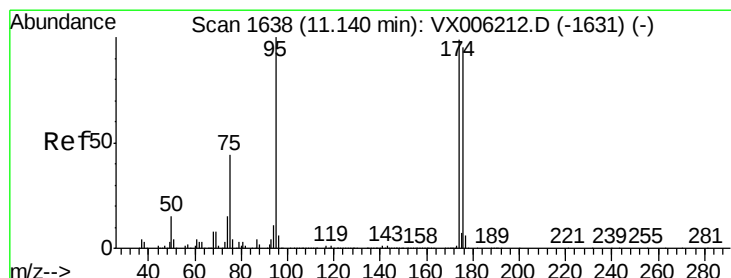
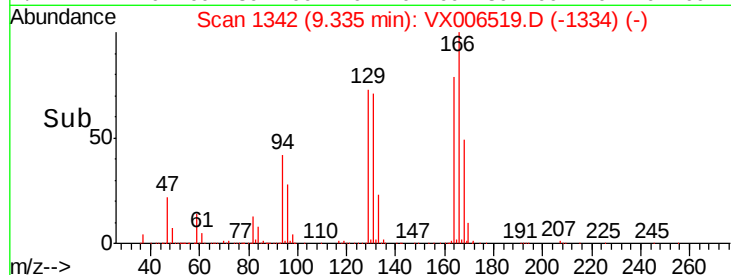
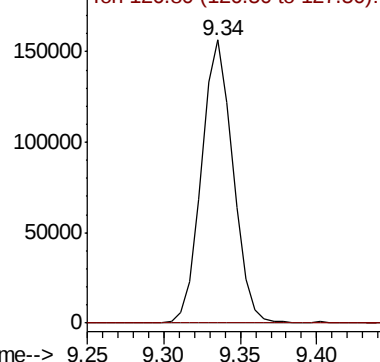
Ion Ratio Lower Upper

129 100

127 0.1 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.574 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

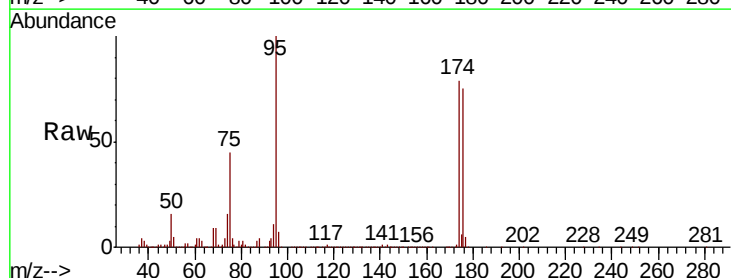
Tgt Ion: 95 Resp: 484826

Ion Ratio Lower Upper

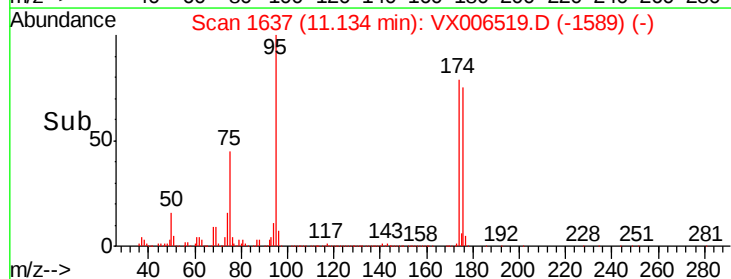
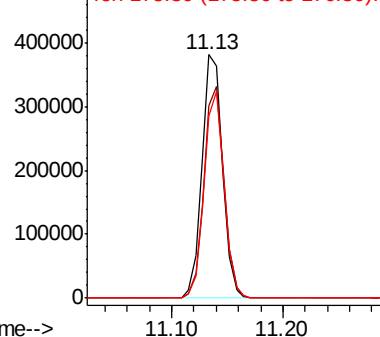
95 100

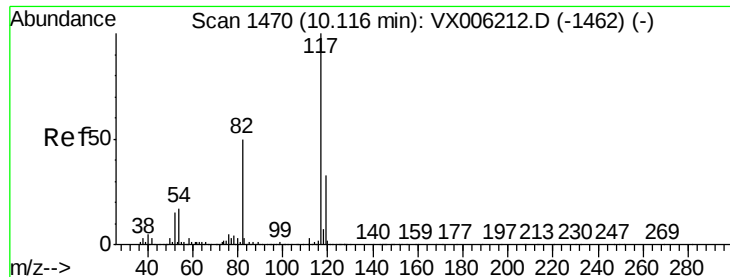
174 85.6 0.0 187.0

176 83.0 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

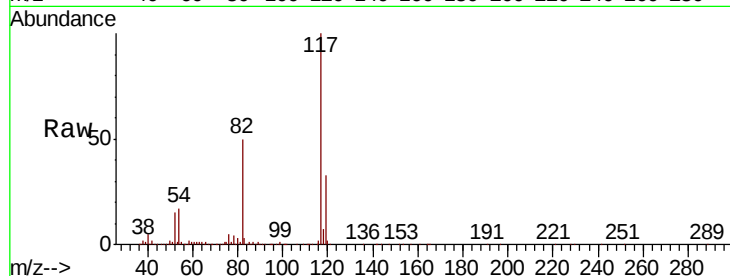




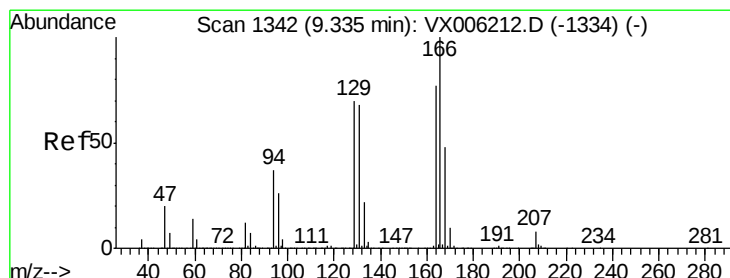
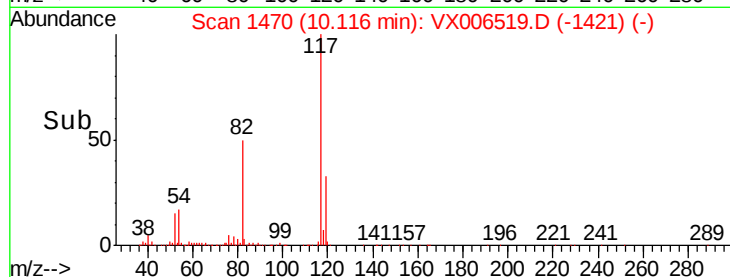
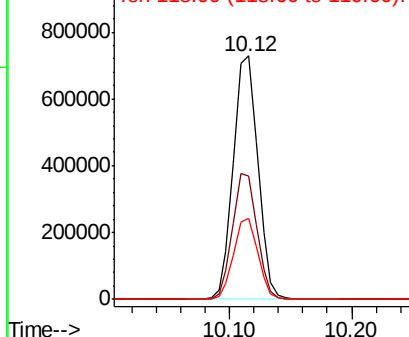
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 1014472
Ion Ratio Lower Upper
117 100
82 50.4 39.6 59.4
119 33.2 26.3 39.5

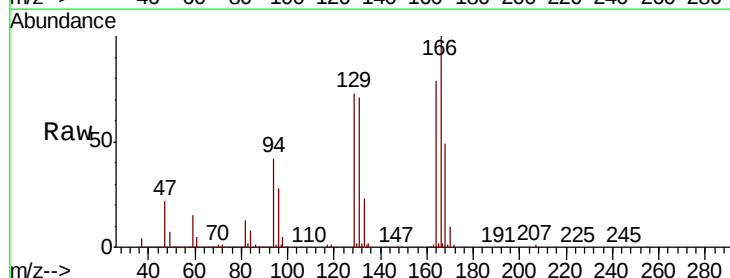


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

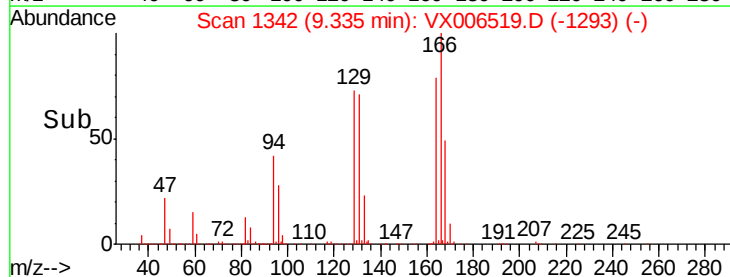
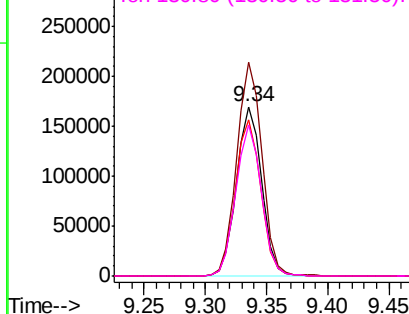


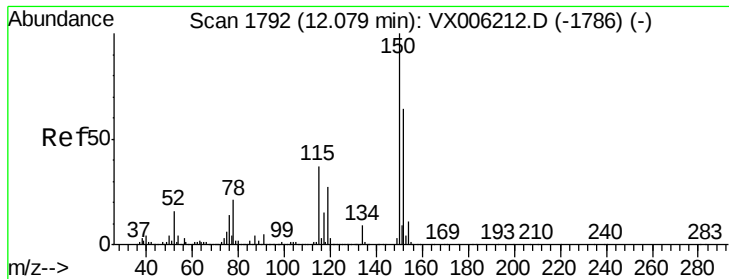
#64
Tetrachloroethene
Concen: 31.500 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006519.D
Acq: 14 Dec 2018 15:38

Tgt Ion:164 Resp: 240660
Ion Ratio Lower Upper
164 100
166 126.2 104.2 156.2
129 92.2 72.6 108.8
131 89.1 70.3 105.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

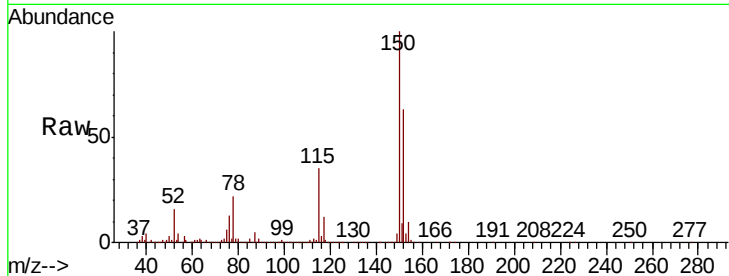
Tot Ion:152 Resp: 483961

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

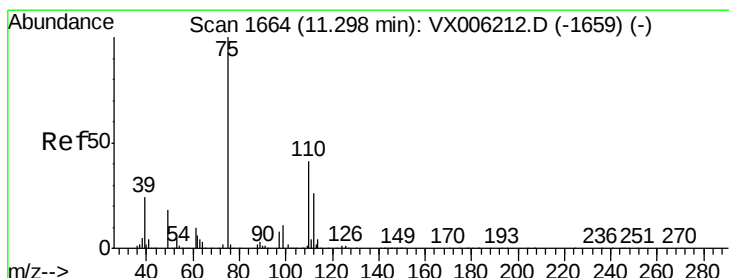
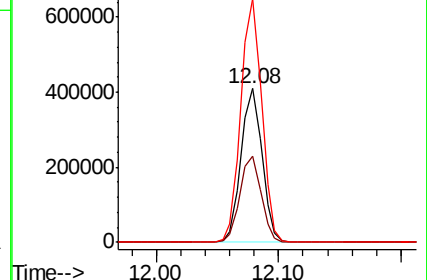
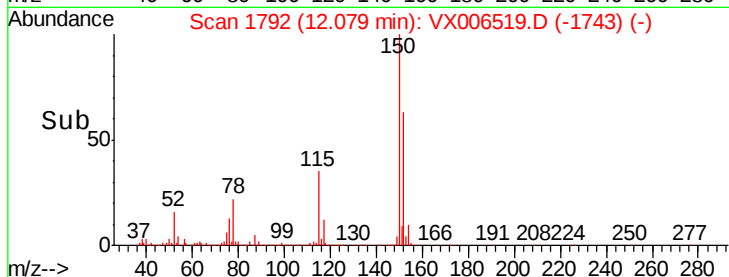
150 157.3 0.0 345.8



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: 23.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006519.D

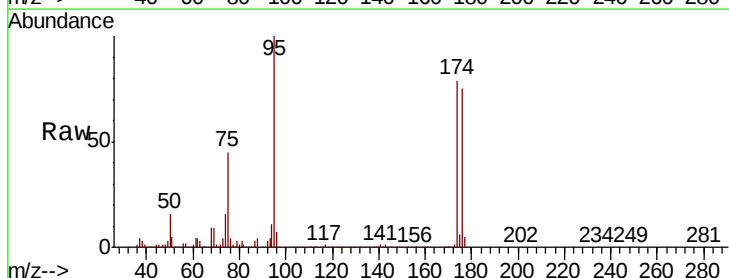
Acq: 14 Dec 2018 15:38

Tgt Ion: 75 Resp: 221334

Ion Ratio Lower Upper

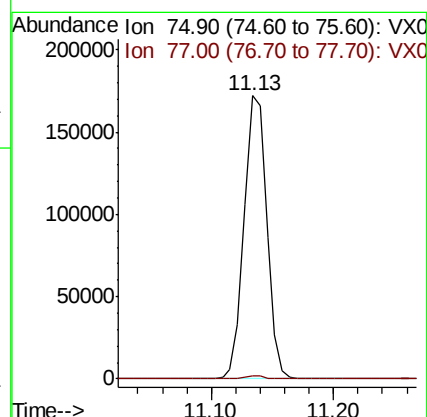
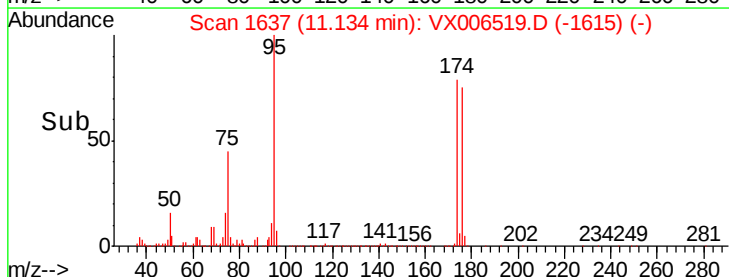
75 100

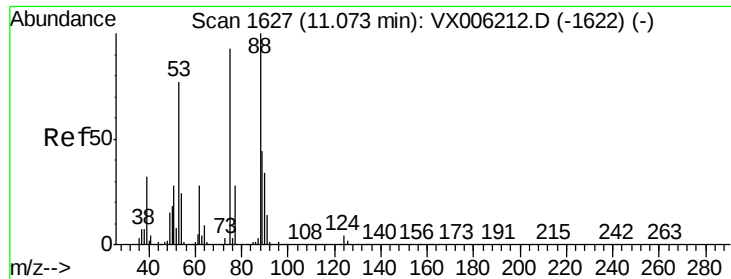
77 1.2 19.9 59.7#



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: 55.604 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006519.D

Acq: 14 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 221334

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#

