

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006958.D
 Acq On : 09 Jan 2019 11:25
 Operator : JC/MD
 Sample : VX0109MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 10 00:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	669587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1022267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	922685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	451532	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	351373	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
35) Dibromofluoromethane	5.50	113	315124	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
50) Toluene-d8	8.71	98	1194780	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	418792	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	

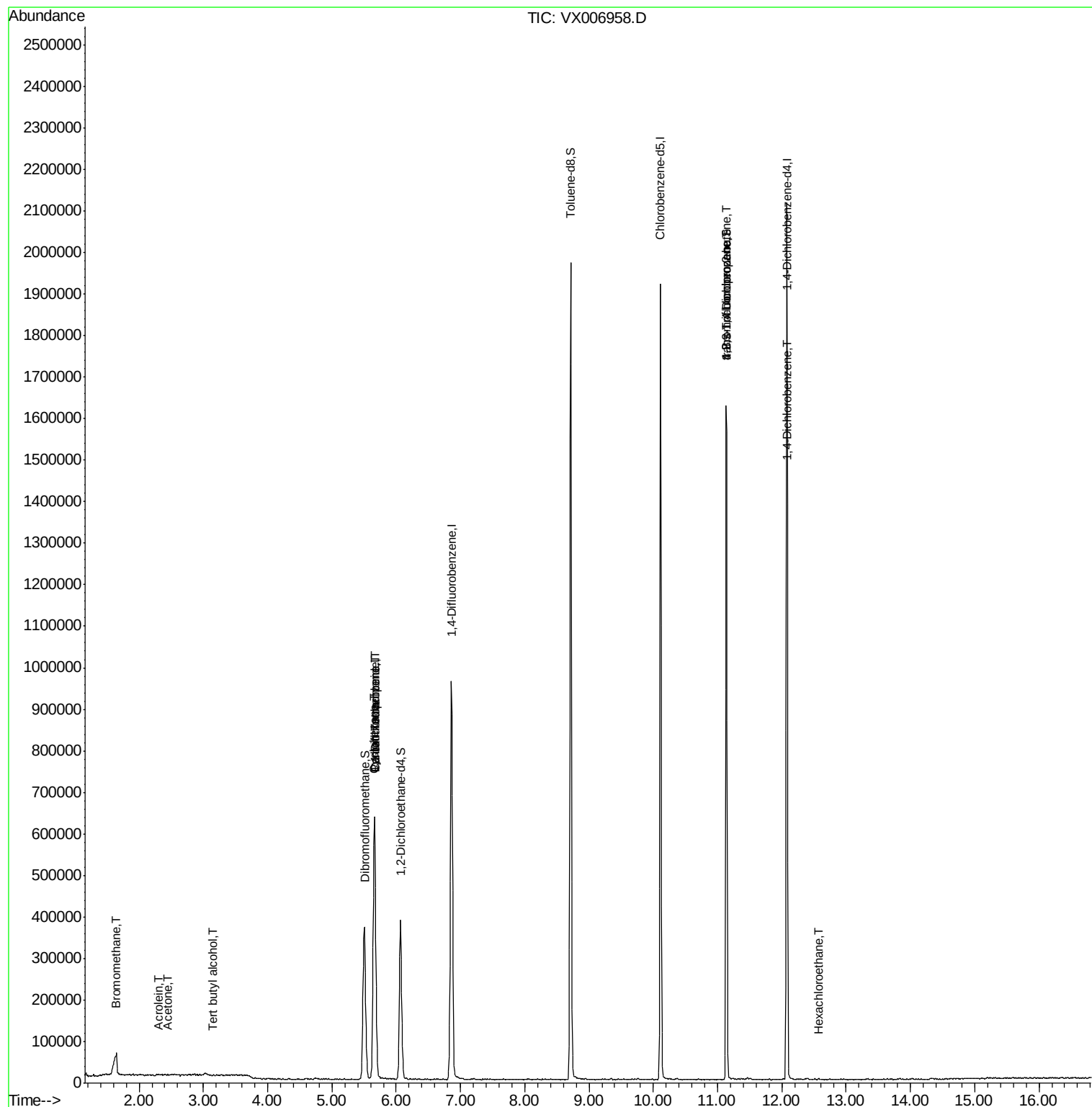
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	2572	0.350	ug/l	96
11) Tert butyl alcohol	3.14	59	403	0.244	ug/l #	1
13) Acrolein	2.30	56	394	3.631	ug/l #	52
16) Acetone	2.45	43	925	0.267	ug/l #	75
20) Methylene Chloride	2.87	84	1884	Below Cal	#	58
31) Cyclohexane	5.65	56	11330	1.148	ug/l #	24
36) 1,1-Dichloropropene	5.66	75	41565	4.677	ug/l #	49
38) Carbon Tetrachloride	5.67	117	58109	6.498	ug/l #	15
49) 1,4-Dioxane	7.74	88	97	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	199370	21.789	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	199370	64.564	ug/l #	10
88) 1,4-Dichlorobenzene	12.09	146	1383	0.237	ug/l #	1
90) Hexachloroethane	12.57	117	55	2.920	ug/l #	6

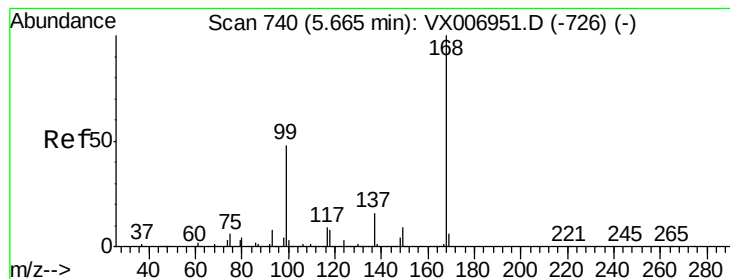
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010919\
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ClientSampleId :

Quant Time: Jan 10 00:52:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX006958.D

Acq: 09 Jan 2019 11:25

Instrument :

MSVOA_X

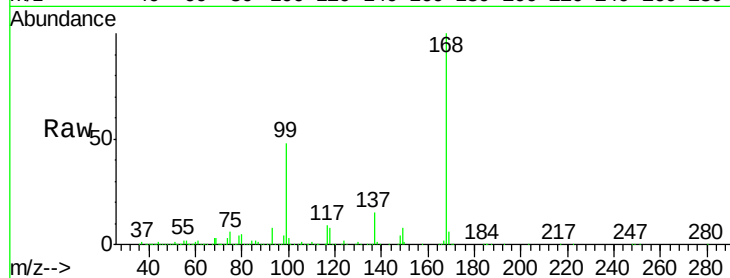
ClientSampleId :

Tot Ion:168 Resp: 669587

Ion Ratio Lower Upper

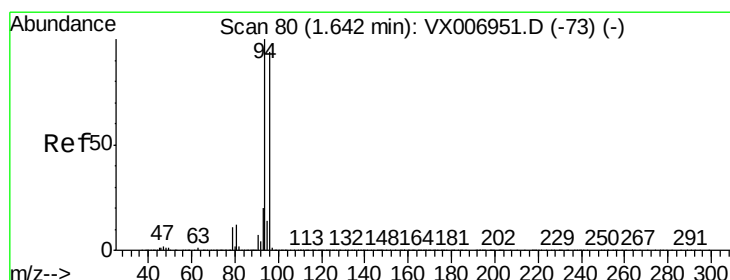
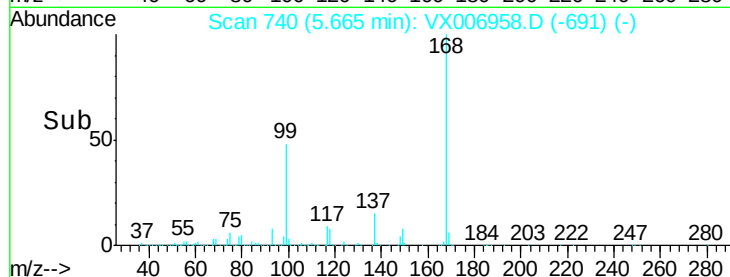
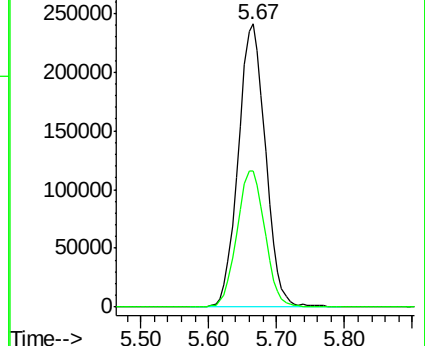
168 100

99 48.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.350 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006958.D

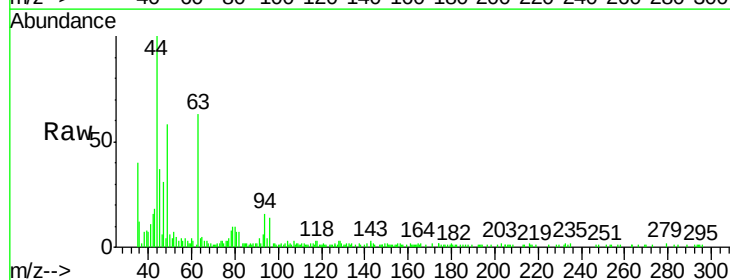
Acq: 09 Jan 2019 11:25

Tgt Ion: 94 Resp: 2572

Ion Ratio Lower Upper

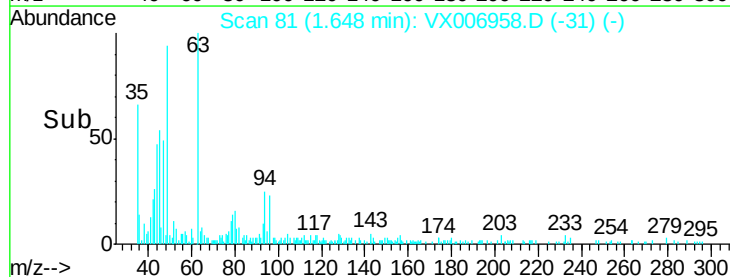
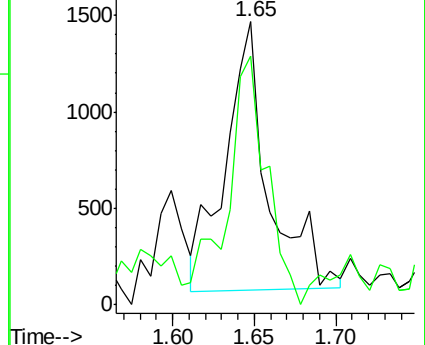
94 100

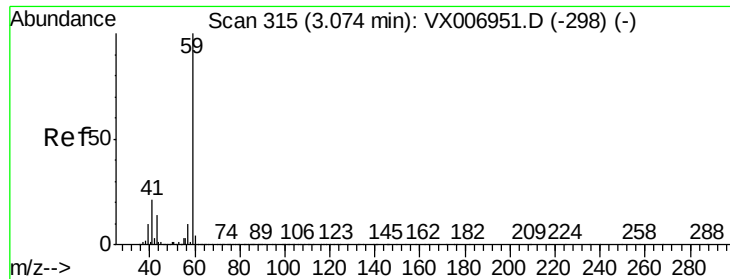
96 87.7 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



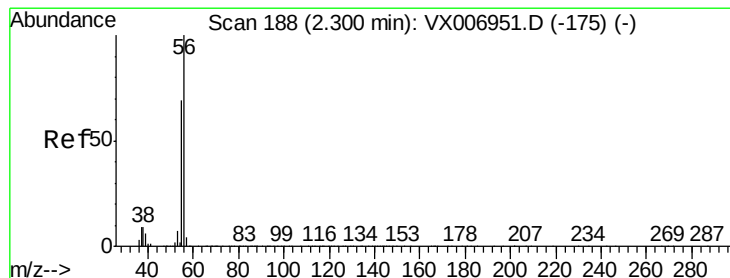
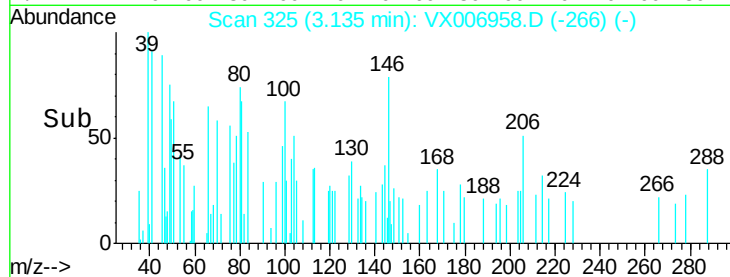
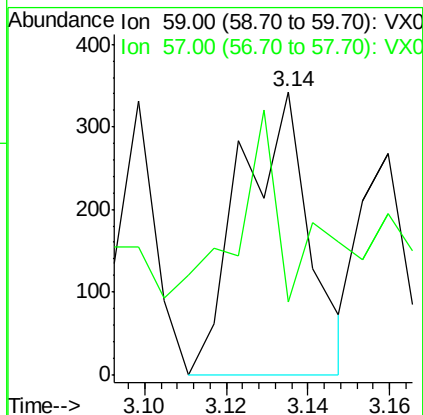
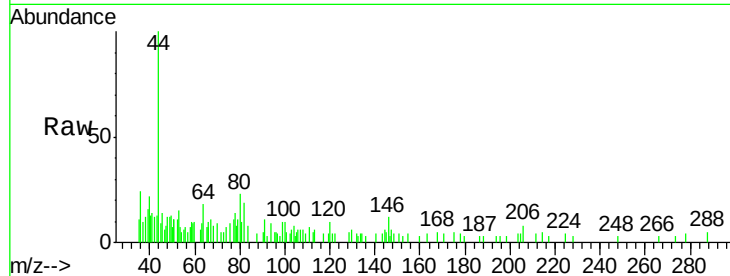


#11

Tert butyl alcohol
Concen: 0.244 ug/l
RT: 3.14 min Scan# 325
Delta R.T. 0.06 min
Lab File: VX006958.D
Acq: 09 Jan 2019 11:25

Instrument :
MSVOA_X
ClientSampled :

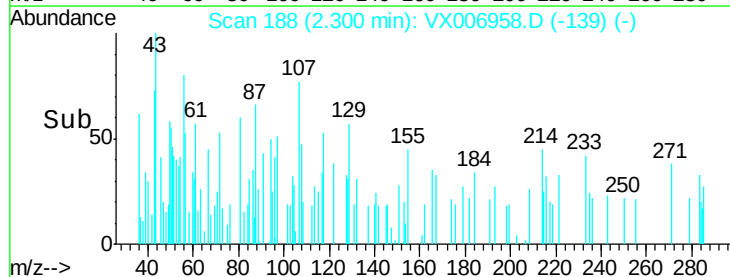
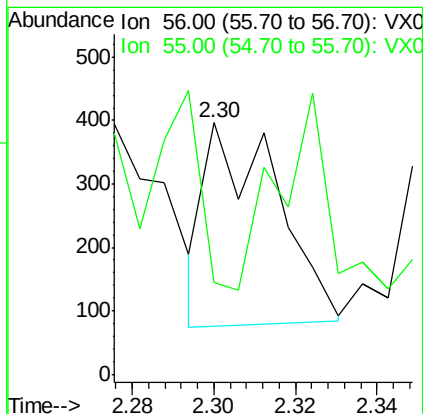
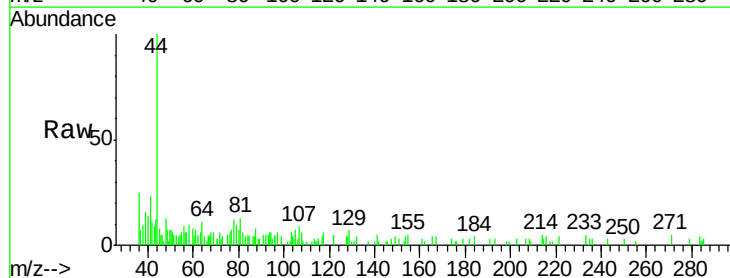
Tot Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 69.5 8.5 12.7#

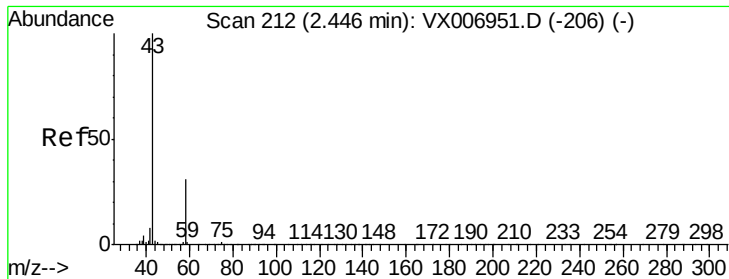


#13

Acrolein
Concen: 3.631 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006958.D
Acq: 09 Jan 2019 11:25

Tgt Ion: 56 Resp: 394
Ion Ratio Lower Upper
56 100
55 112.7 58.2 87.4#





#16

Acetone

Concen: 0.267 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

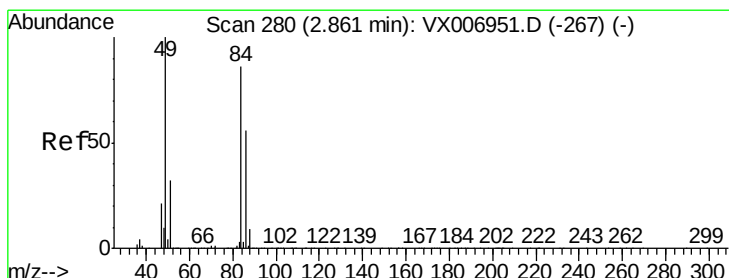
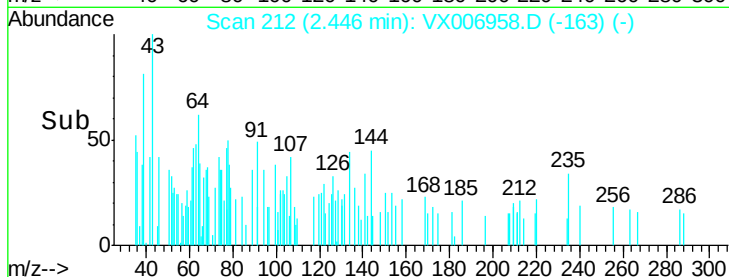
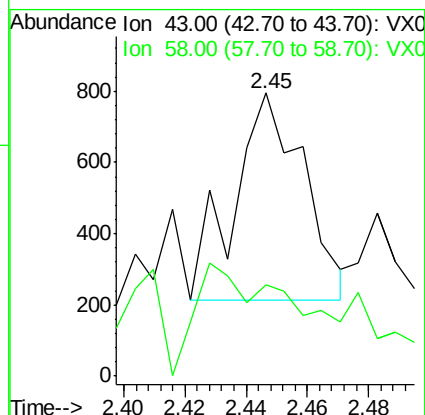
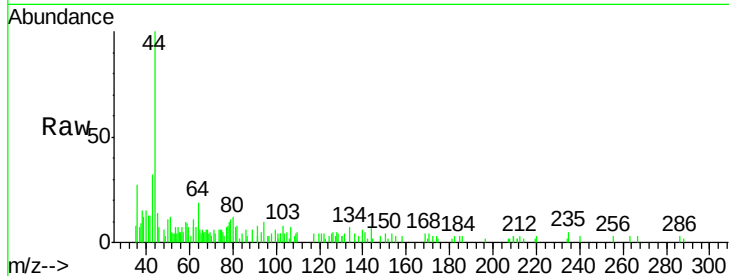
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 925

Ion Ratio Lower Upper

43 100

58 17.7 25.0 37.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

Tgt Ion: 84 Resp: 1884

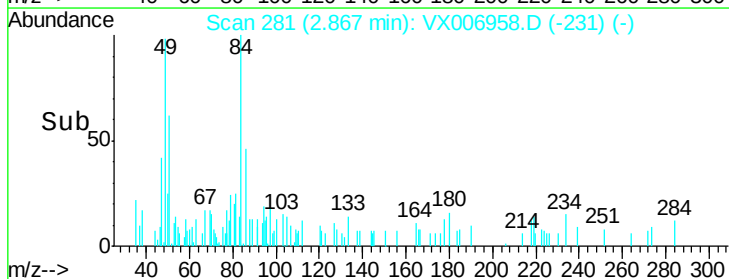
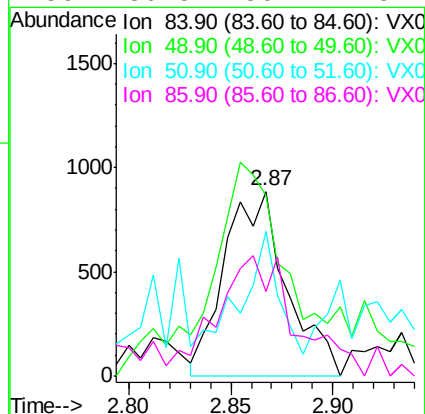
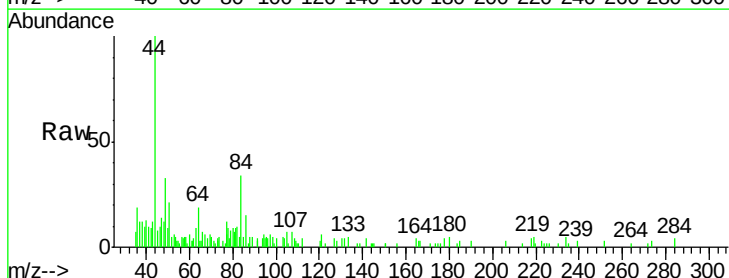
Ion Ratio Lower Upper

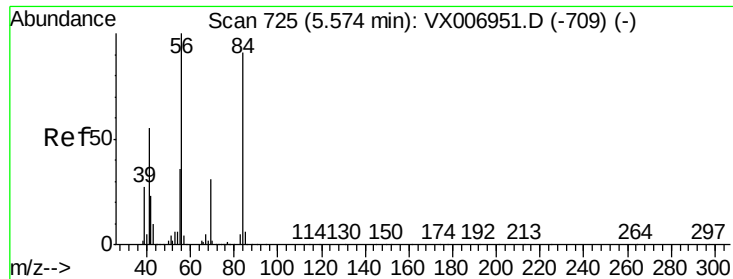
84 100

49 66.4 91.8 137.6#

51 55.2 28.5 42.7#

86 30.5 50.2 75.2#

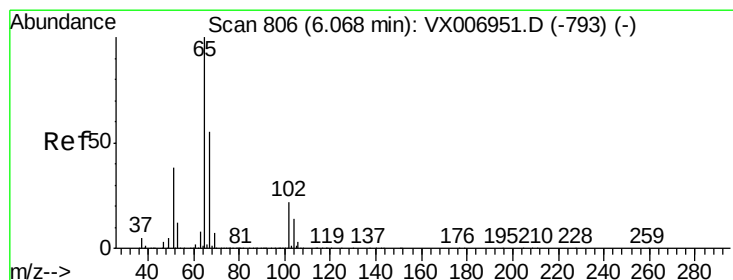
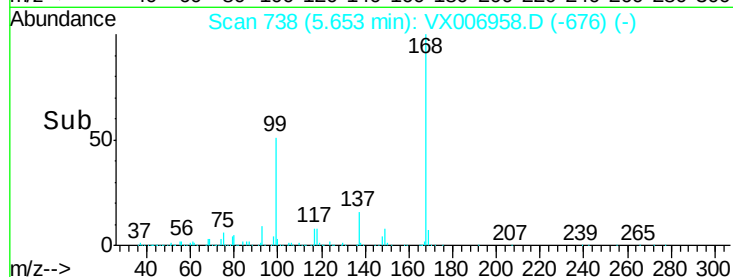
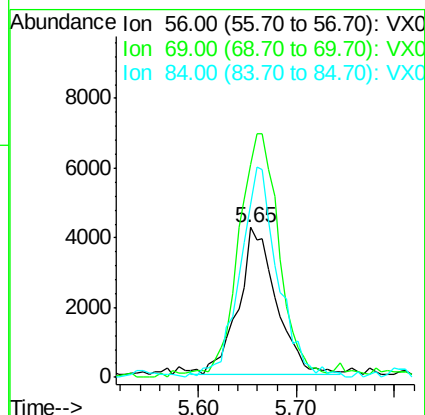
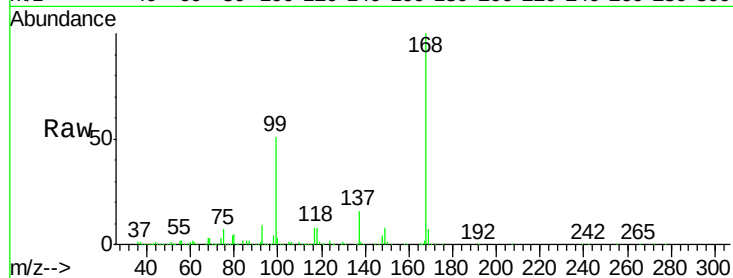




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX006958.D
Acq: 09 Jan 2019 11:25

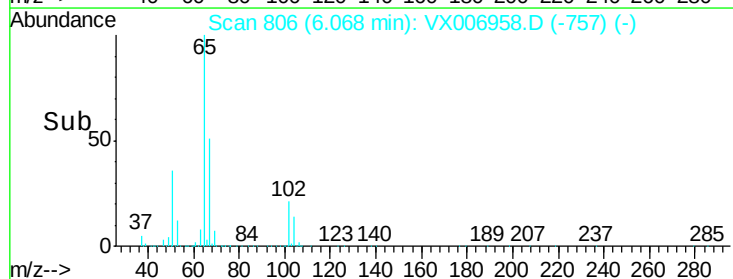
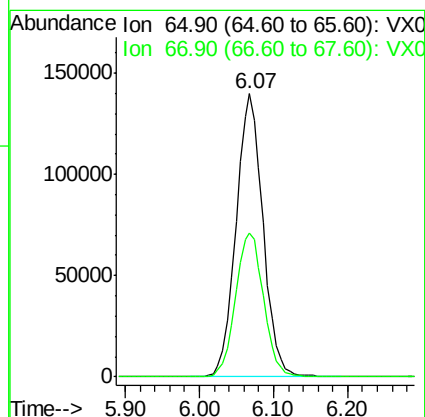
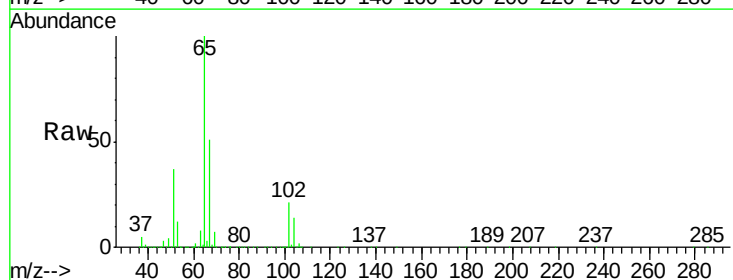
Instrument :
MSVOA_X
ClientSampled :

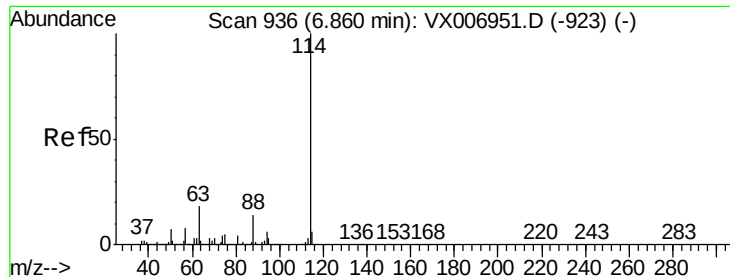
Tot Ion: 56 Resp: 11330
Ion Ratio Lower Upper
56 100
69 143.0 24.4 36.6#
84 116.4 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 50.212 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006958.D
Acq: 09 Jan 2019 11:25

Tgt Ion: 65 Resp: 351373
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

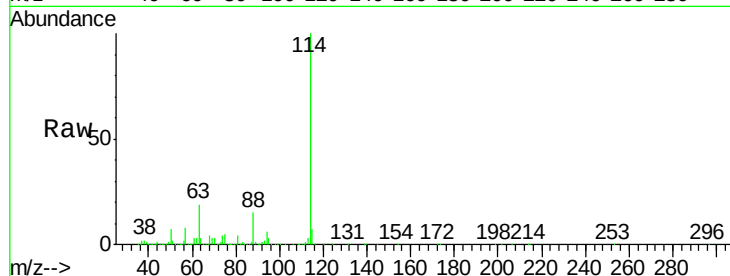
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:114 Resp: 1022267

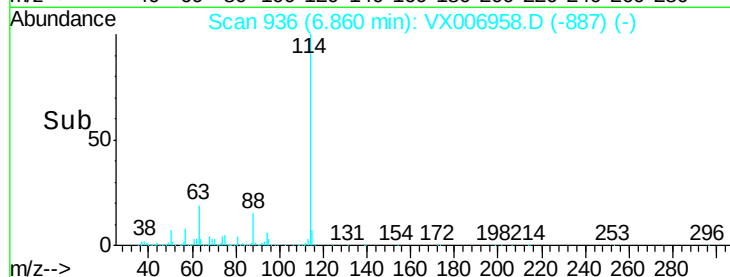
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	34.8
88	15.0	0.0	28.8



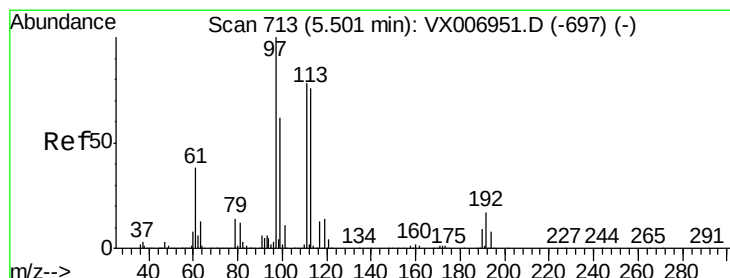
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 48.136 ug/l

RT: 5.50 min Scan# 713

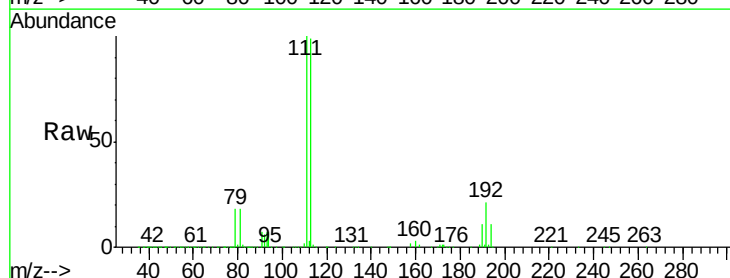
Delta R.T. -0.00 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

Tgt Ion:113 Resp: 315124

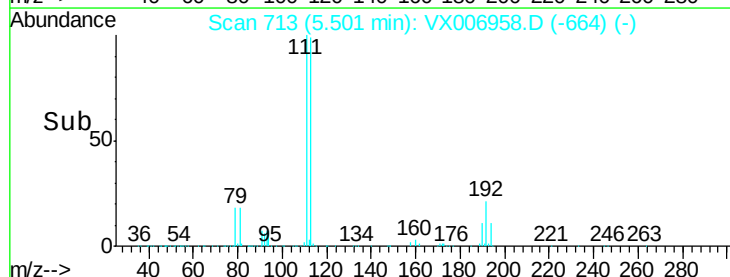
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	22.2	16.7	25.1



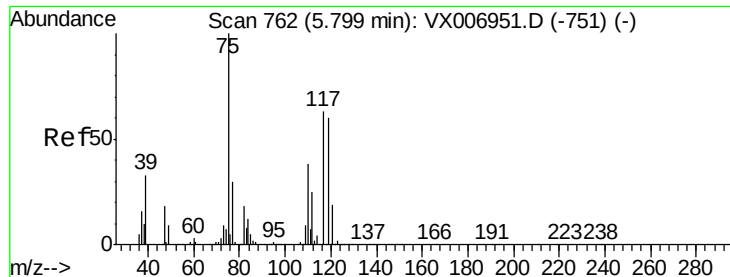
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



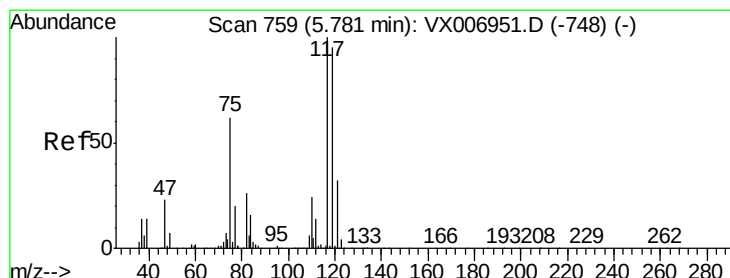
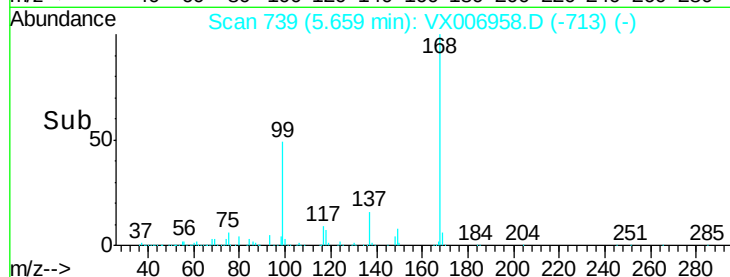
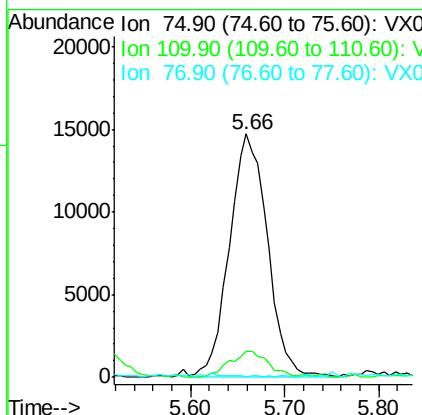
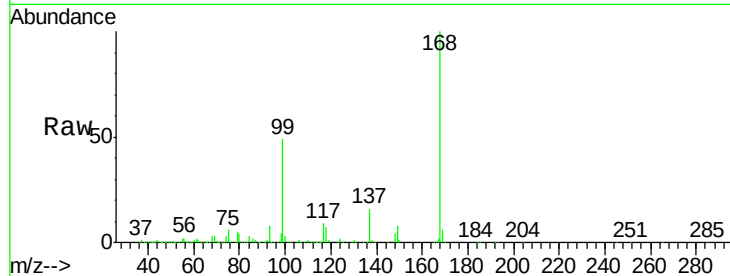
Time-->



#36
 1,1-Dichloropropene
 Concen: 4.677 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006958.D
 Acq: 09 Jan 2019 11:25

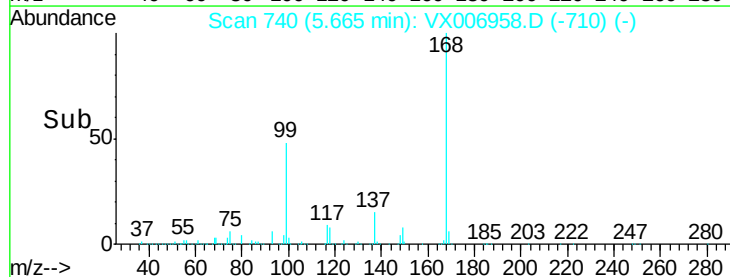
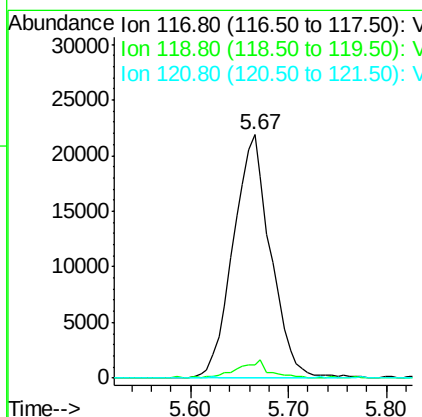
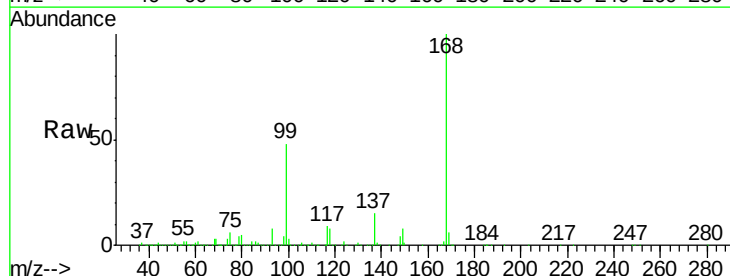
Instrument :
 MSVOA_X
 ClientSampleId :

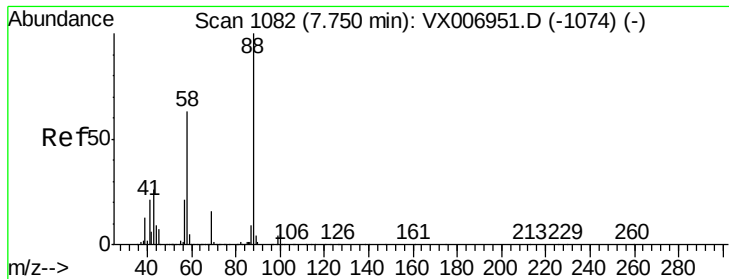
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.3	20.2	60.5#
77	0.1	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.498 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006958.D
 Acq: 09 Jan 2019 11:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	79.4	119.2#
121	0.0	24.0	36.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1080

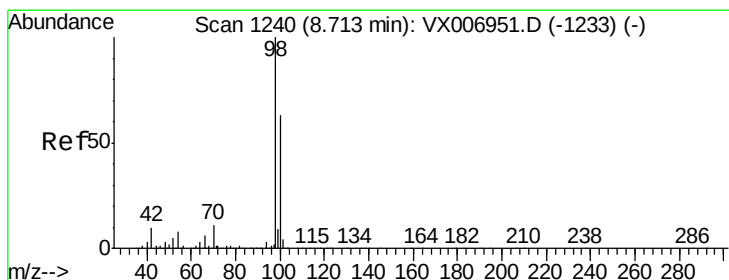
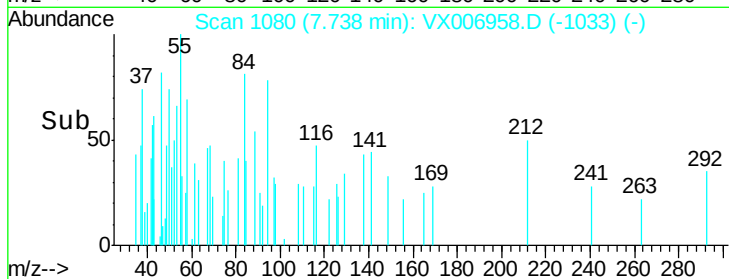
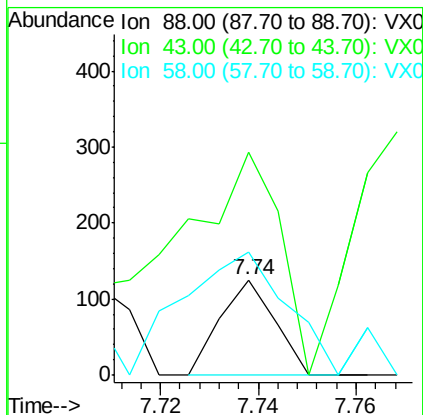
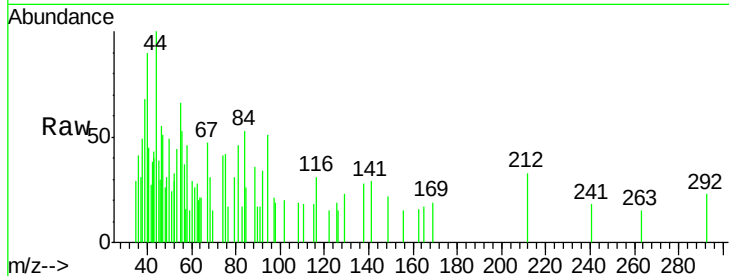
Delta R.T. -0.01 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	88	Resp:	97
Ion	Ratio	Lower	Upper
88	100		
43	496.9	22.2	33.4#
58	248.5	51.0	76.4#



#50

Toluene-d8

Concen: 49.861 ug/l

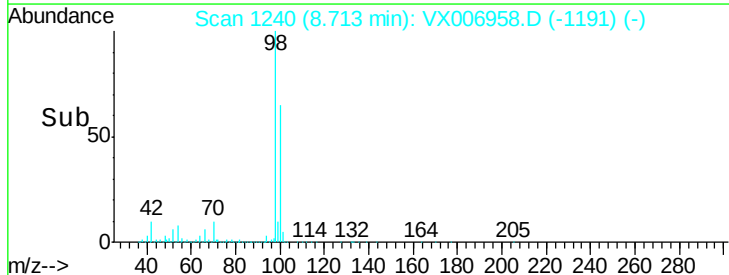
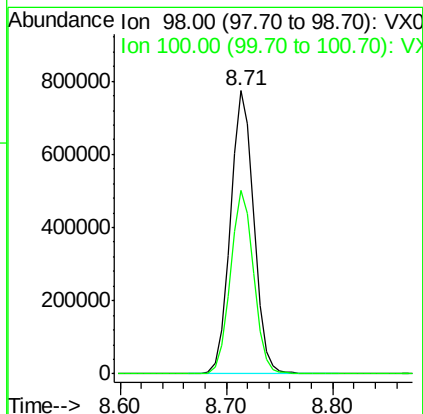
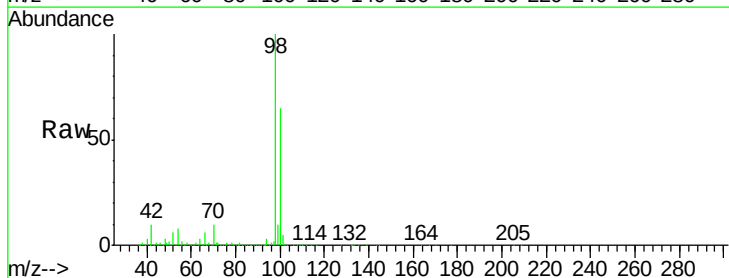
RT: 8.71 min Scan# 1240

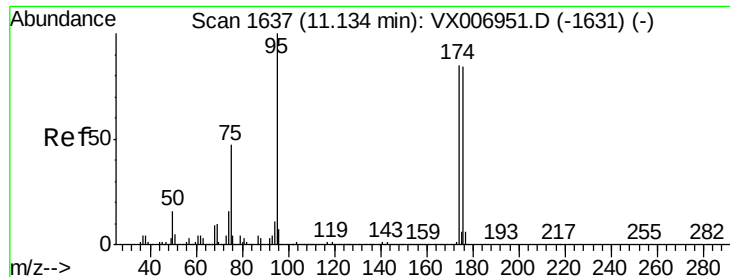
Delta R.T. -0.00 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

Tgt Ion:	98	Resp:	1194780
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 50.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

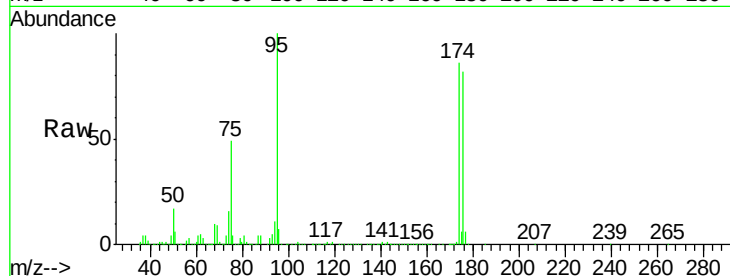
Tot Ion: 95 Resp: 418792

Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

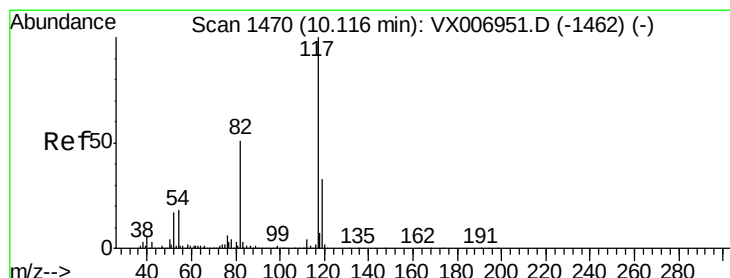
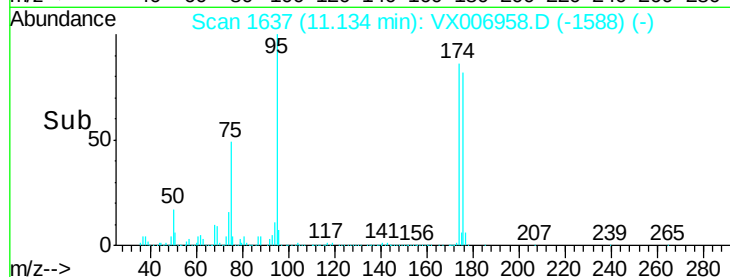
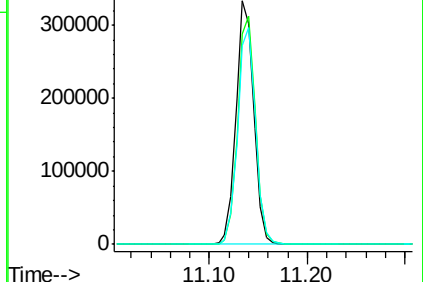
176 89.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006958.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006958.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006958.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

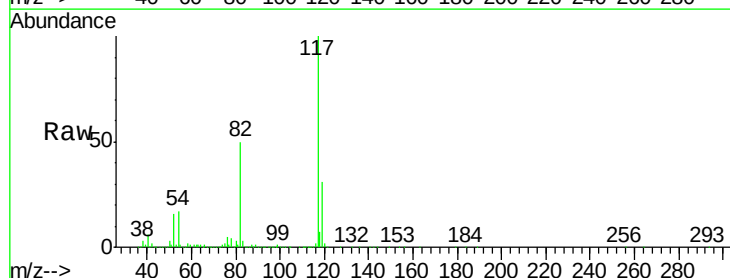
Tgt Ion: 117 Resp: 922685

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

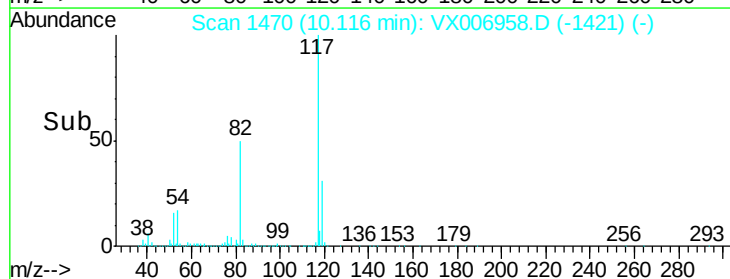
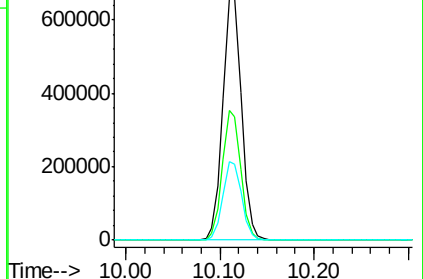
119 31.4 25.4 38.0

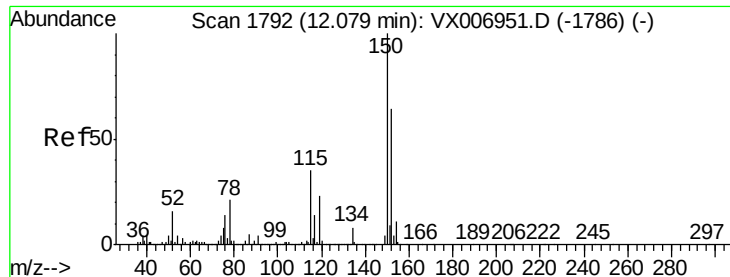


Abundance Ion 116.90 (116.60 to 117.60): VX006958.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006958.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006958.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

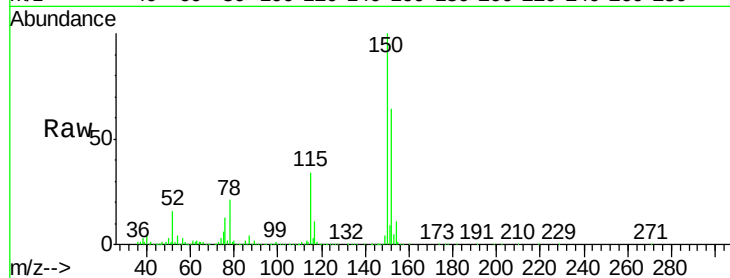
Tot Ion:152 Resp: 451532

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

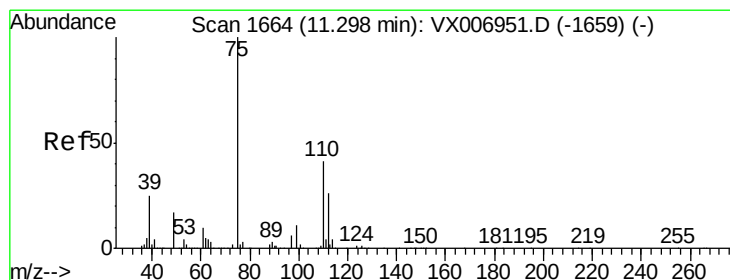
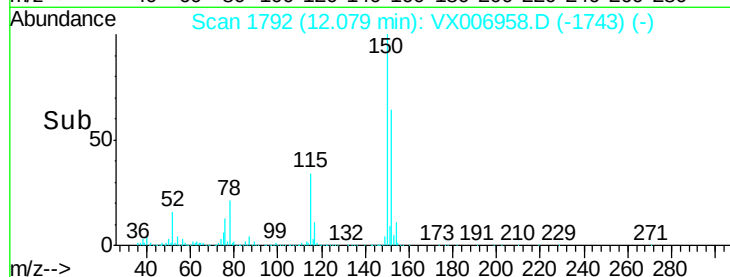
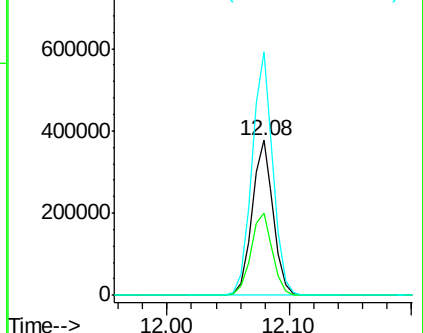
150 155.5 0.0 344.8



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: 21.789 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006958.D

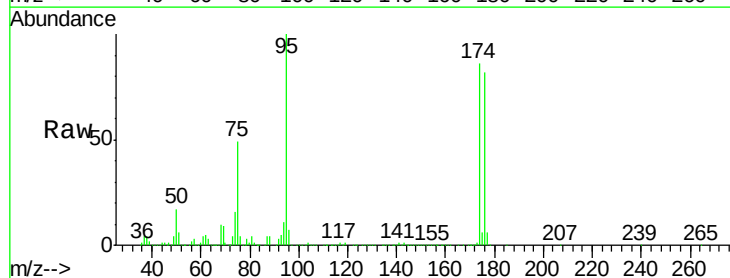
Acq: 09 Jan 2019 11:25

Tgt Ion: 75 Resp: 199370

Ion Ratio Lower Upper

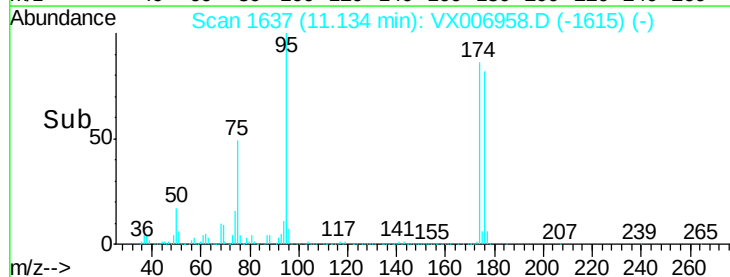
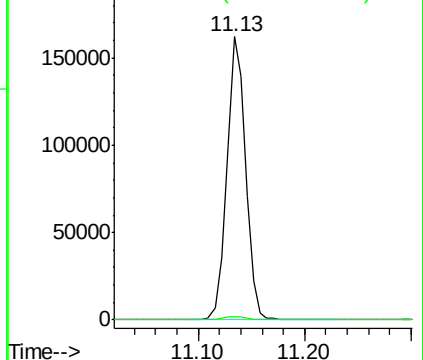
75 100

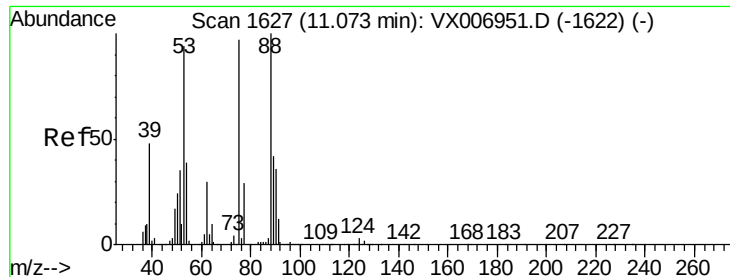
77 1.5 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

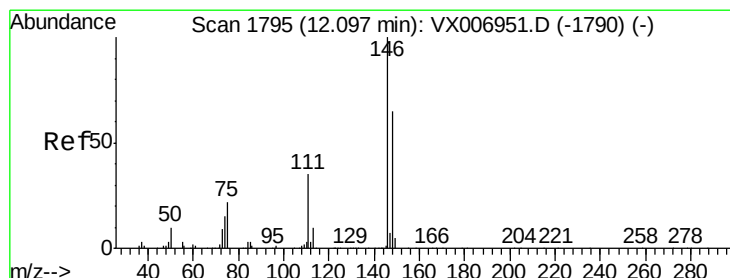
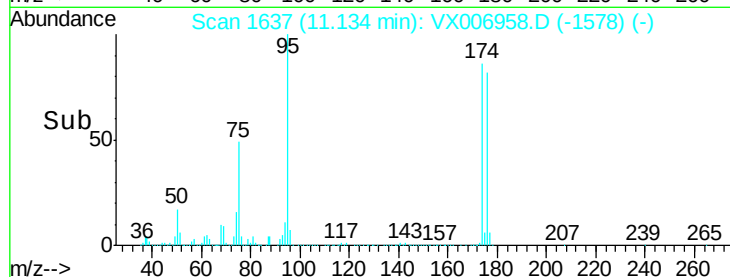
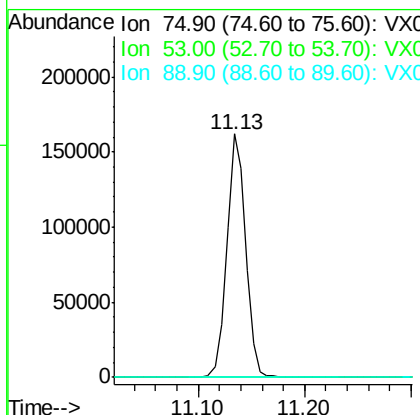
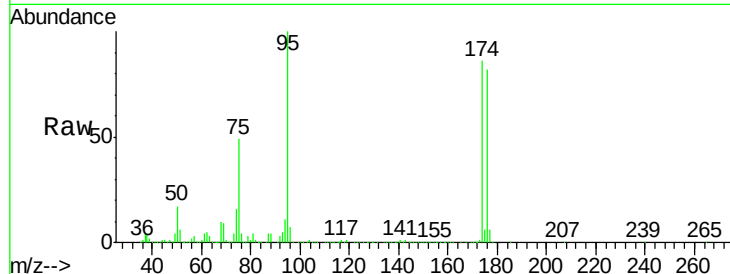




#81
trans-1,4-Dichloro-2-butene
Concen: 64.564 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006958.D
Acq: 09 Jan 2019 11:25

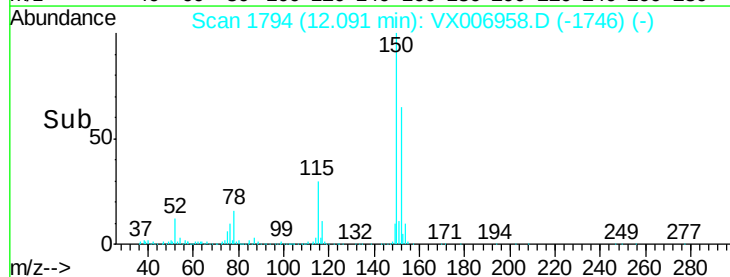
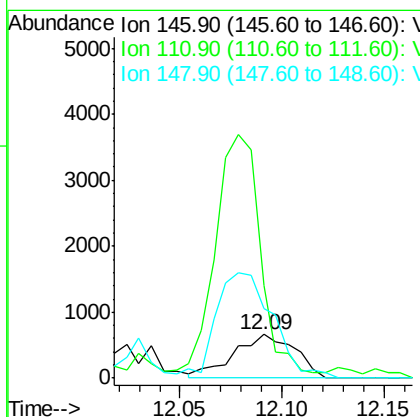
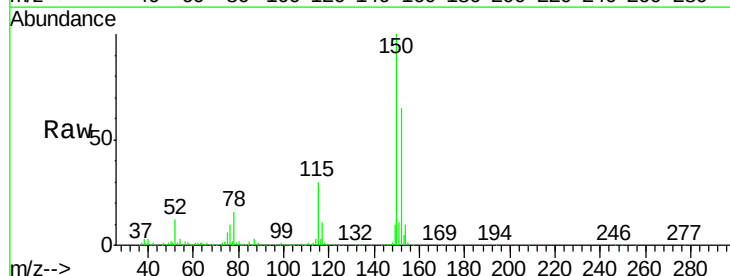
Instrument :
MSVOA_X
ClientSampleId :

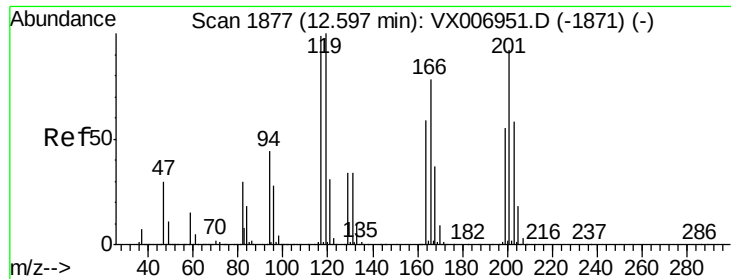
Tot Ion: 75 Resp: 199370
Ion Ratio Lower Upper
75 100
53 0.2 79.7 119.5#
89 0.0 38.0 57.0#



#88
1,4-Dichlorobenzene
Concen: 0.237 ug/l
RT: 12.09 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VX006958.D
Acq: 09 Jan 2019 11:25

Tgt Ion: 146 Resp: 1383
Ion Ratio Lower Upper
146 100
111 398.2 18.1 54.1#
148 222.8 31.9 95.9#





#90

Hexachloroethane

Concen: 2.920 ug/l

RT: 12.57 min Scan# 1872

Delta R.T. -0.03 min

Lab File: VX006958.D

Acq: 09 Jan 2019 11:25

Instrument :

MSVOA_X

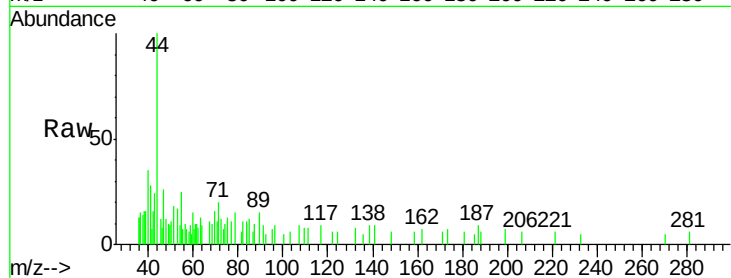
ClientSampleId :

Tot Ion:117 Resp: 55

Ion Ratio Lower Upper

117 100

201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

