

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006525.D
 Acq On : 14 Dec 2018 18:45
 Operator : JC/MD
 Sample : J6396-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:37:53 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	673618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1084775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	994178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471678	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	368412	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
35) Dibromofluoromethane	5.50	113	322948	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
50) Toluene-d8	8.71	98	1282740	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	470440	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	

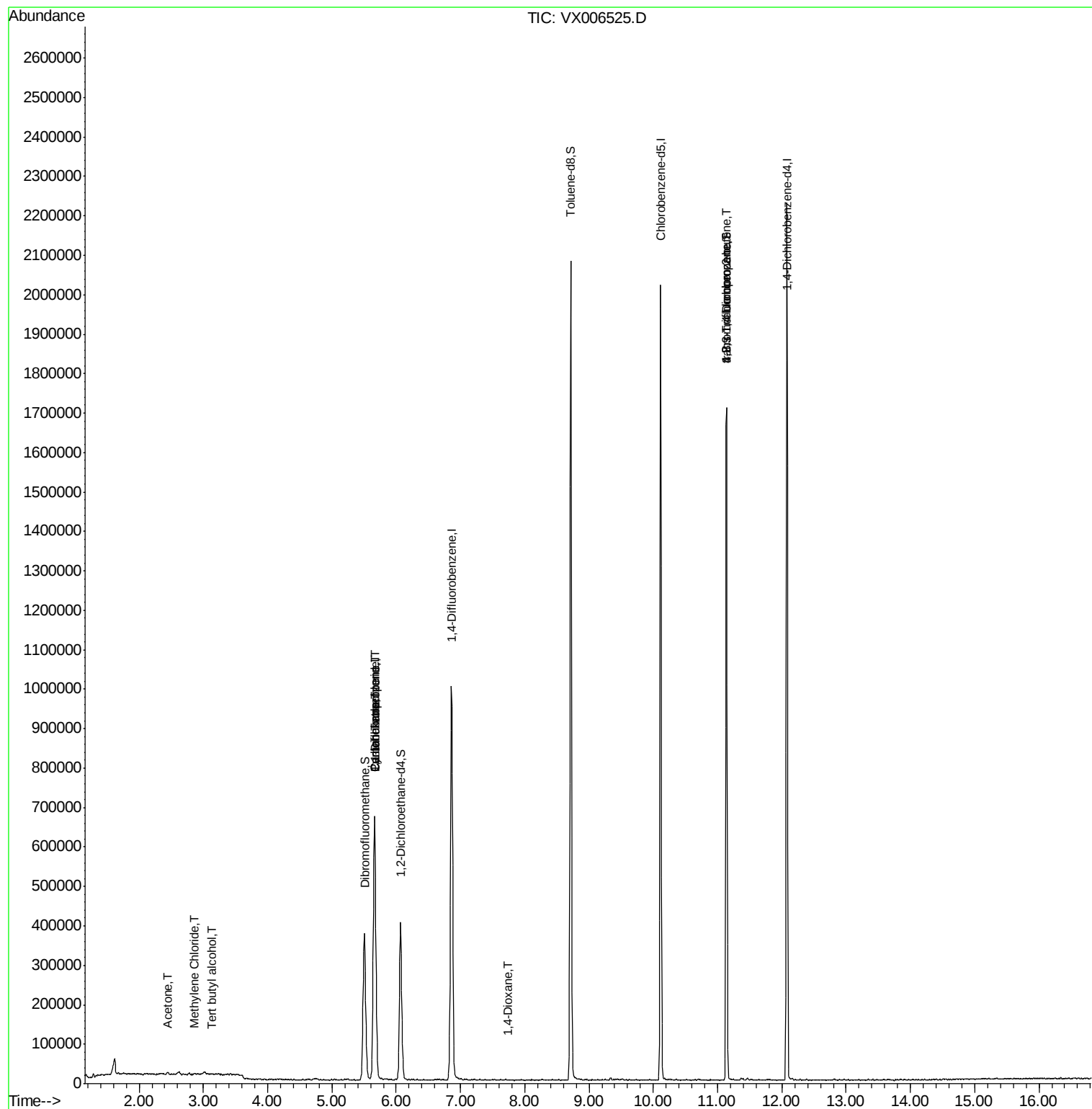
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.13	59	473	0.252	ug/l #	68
16) Acetone	2.45	43	5087	1.576	ug/l #	87
20) Methylene Chloride	2.86	84	2030	0.296	ug/l #	81
31) Cyclohexane	5.67	56	10908	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44776	4.902	ug/l #	48
38) Carbon Tetrachloride	5.66	117	64820	6.032	ug/l #	16
49) 1,4-Dioxane	7.75	88	203	0.993	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	217073	23.843	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	217073	55.954	ug/l #	15

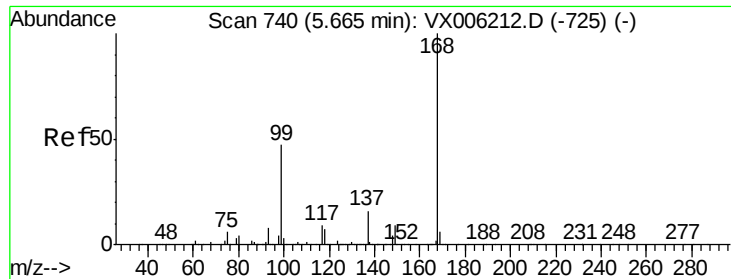
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
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: VX006525.D

Acq: 14 Dec 2018 18:45

Instrument :

MSVOA_X

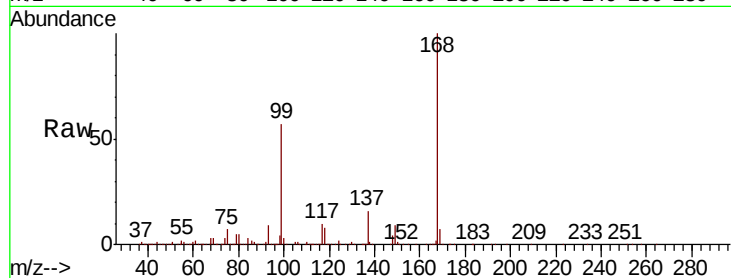
ClientSampleId :

Tot Ion:168 Resp: 673618

Ion Ratio Lower Upper

168 100

99 56.9 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

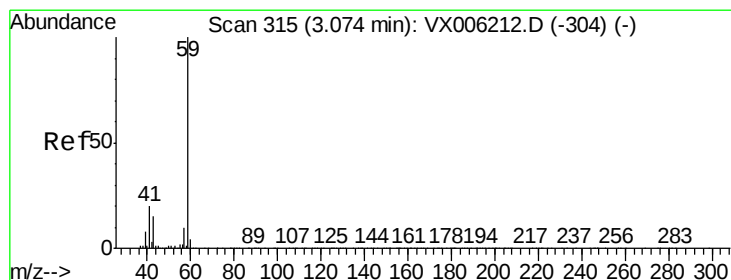
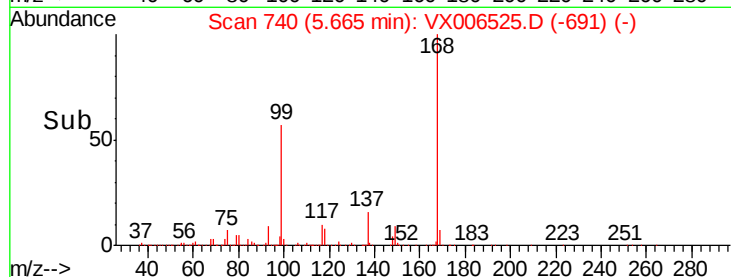
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 0.252 ug/l

RT: 3.13 min Scan# 324

Delta R.T. 0.05 min

Lab File: VX006525.D

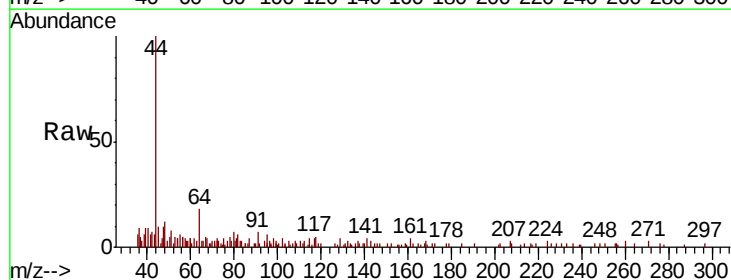
Acq: 14 Dec 2018 18:45

Tgt Ion: 59 Resp: 473

Ion Ratio Lower Upper

59 100

57 22.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.13

400

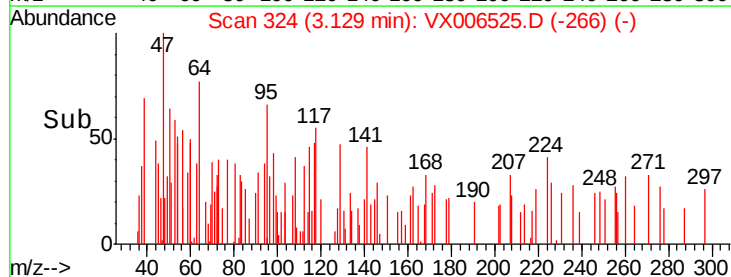
300

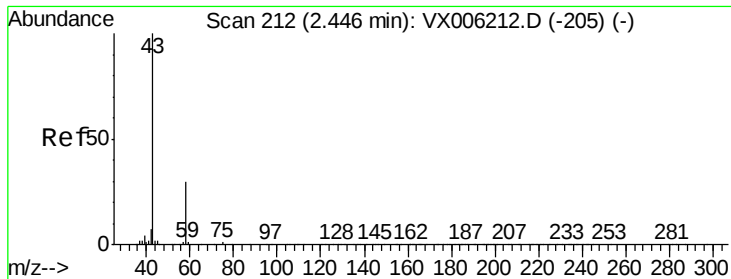
200

100

0

Time--> 3.10 3.12 3.14 3.16

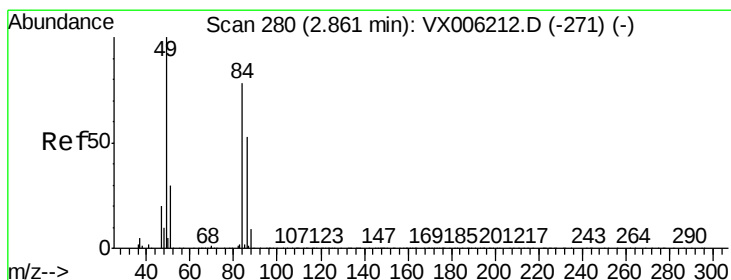
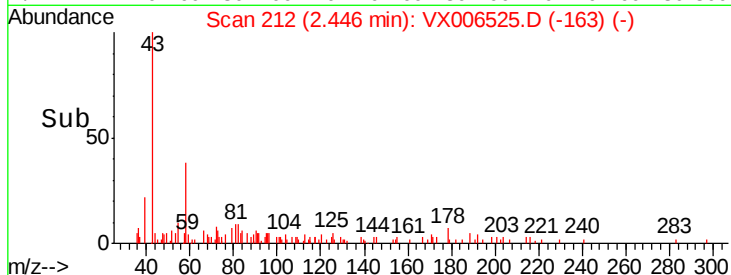
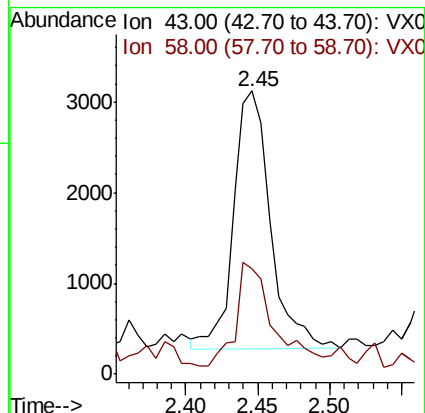
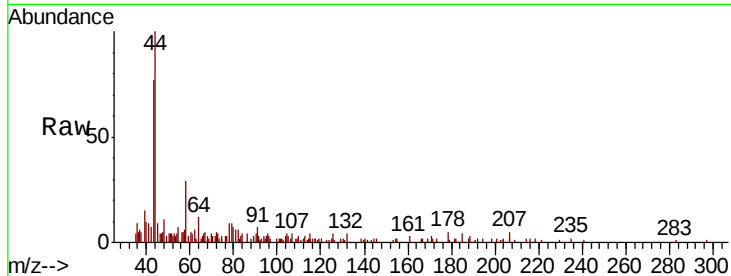




#16
Acetone
Concen: 1.576 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

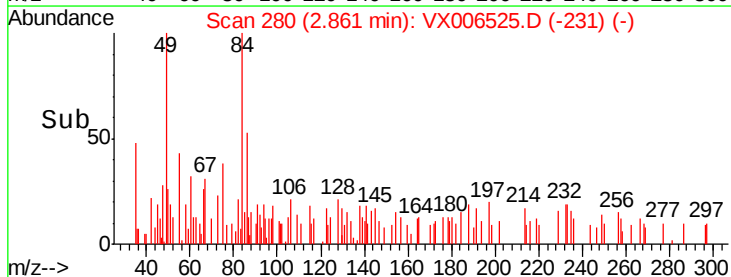
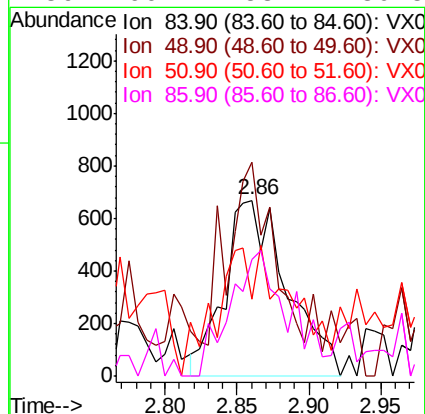
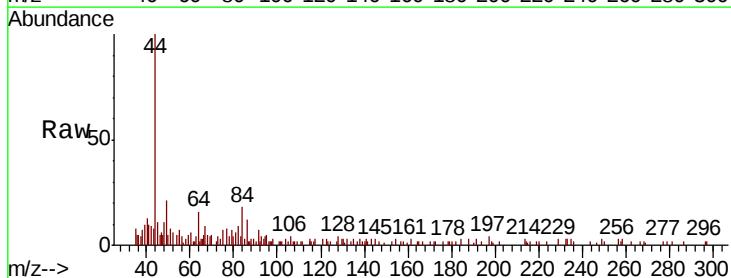
Instrument :
MSVOA_X
ClientSampleId :

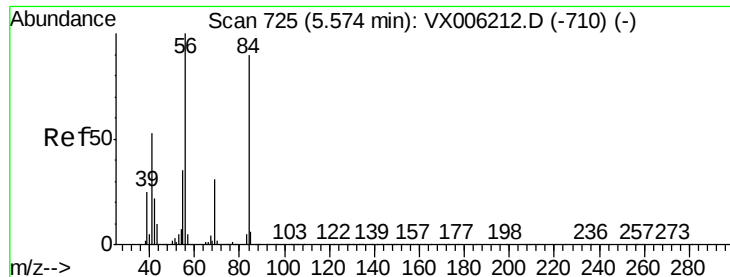
Tot Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
58 37.1 24.0 36.0#



#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

Tgt Ion: 84 Resp: 2030
Ion Ratio Lower Upper
84 100
49 102.4 102.2 153.4
51 13.1 31.1 46.7#
86 66.1 53.7 80.5

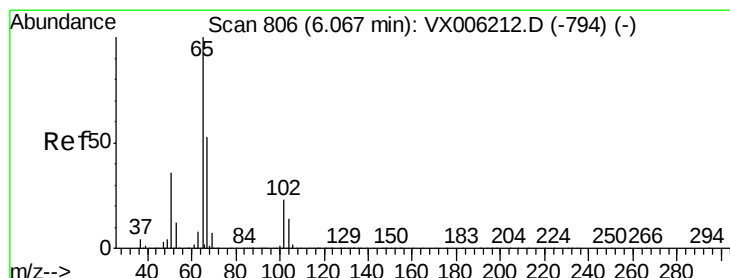
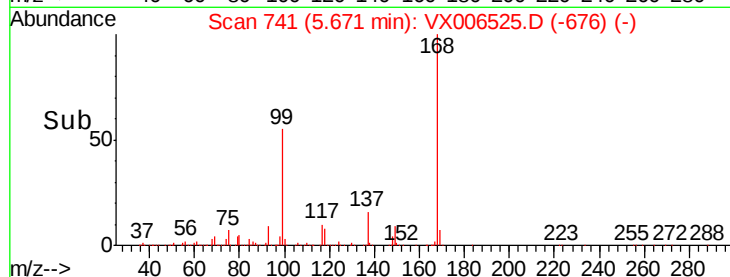
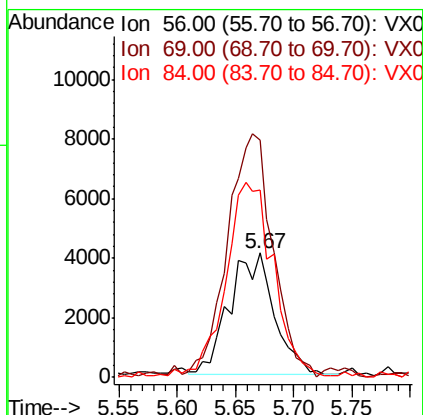
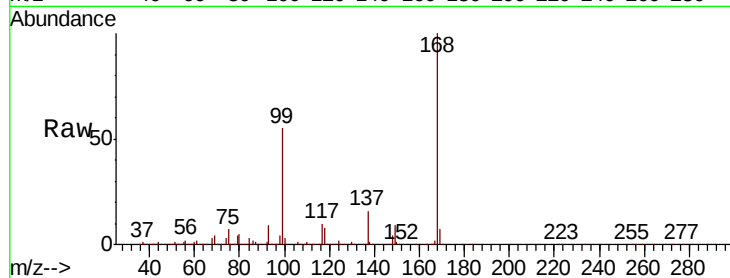




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

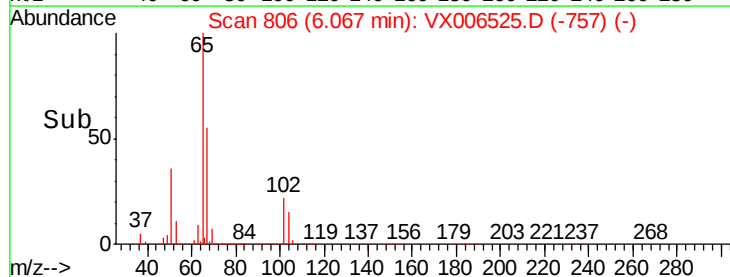
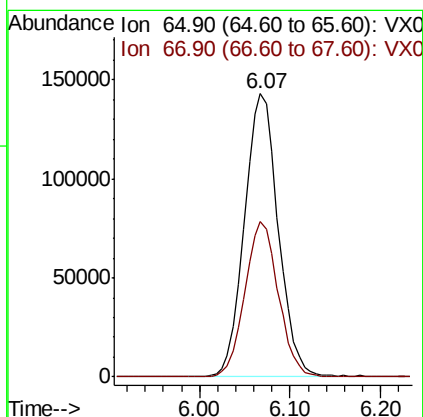
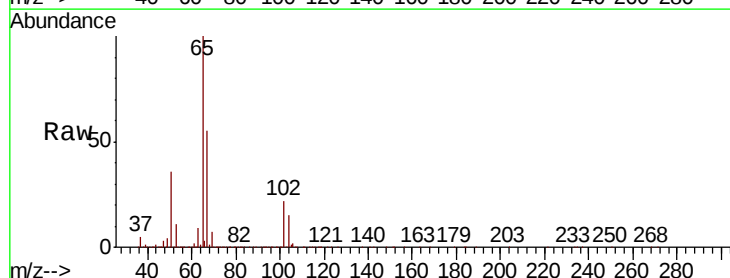
Instrument :
MSVOA_X
ClientSampleId :

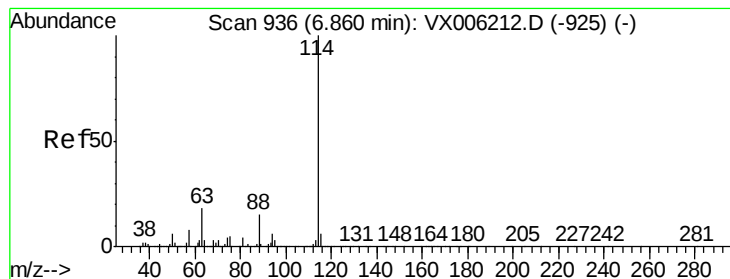
Tot Ion: 56 Resp: 10908
Ion Ratio Lower Upper
56 100
69 191.1 24.5 36.7#
84 152.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.575 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

Tgt Ion: 65 Resp: 368412
Ion Ratio Lower Upper
65 100
67 54.1 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: VX006525.D

Acq: 14 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

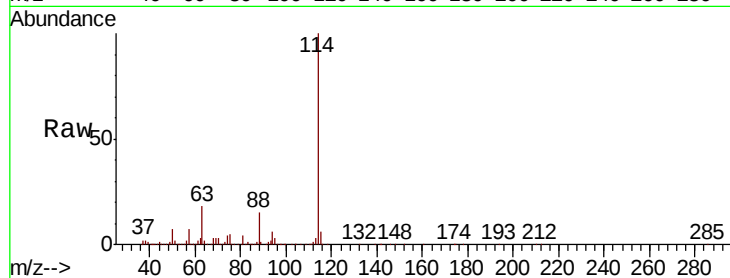
Tot Ion:114 Resp: 1084775

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.6

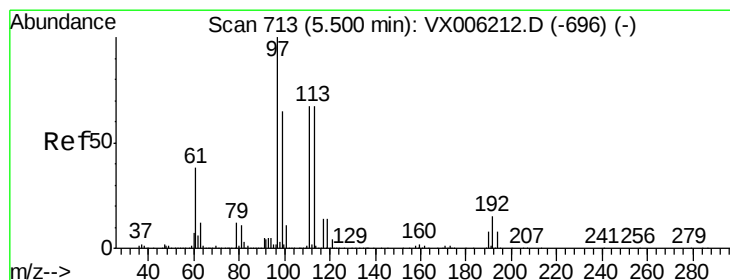
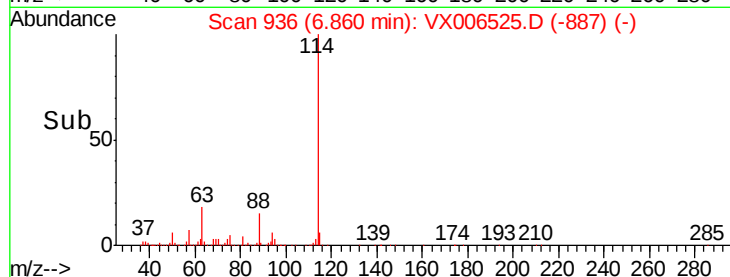
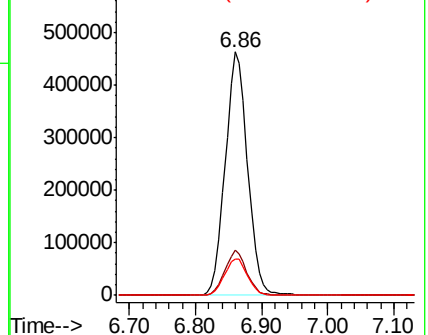
88 15.0 0.0 29.0



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: 45.981 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006525.D

Acq: 14 Dec 2018 18:45

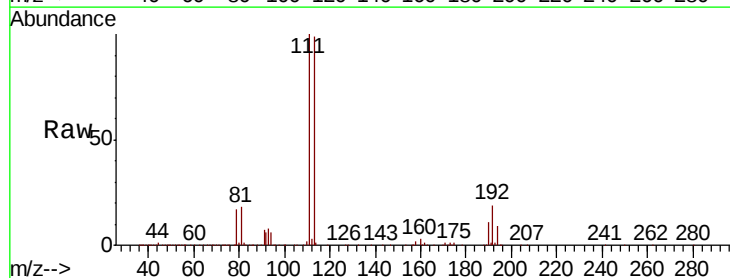
Tgt Ion:113 Resp: 322948

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

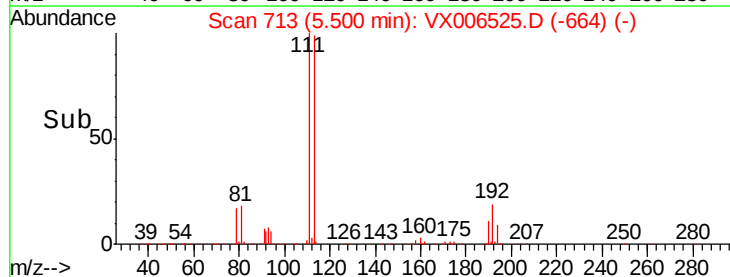
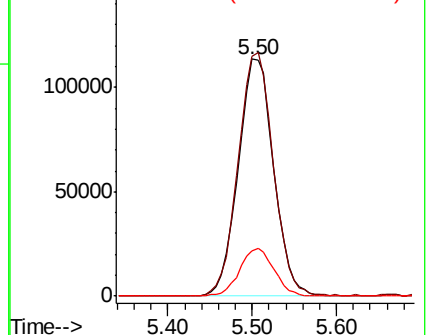
192 19.5 18.2 27.2

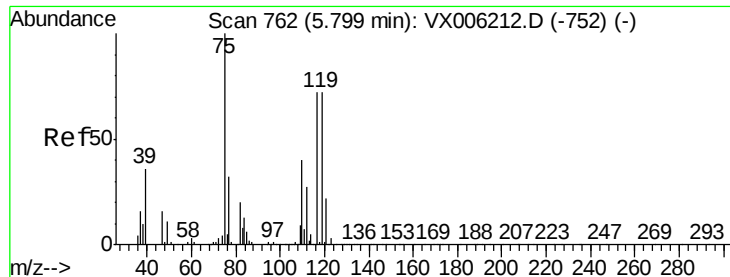


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.902 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006525.D

Acq: 14 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

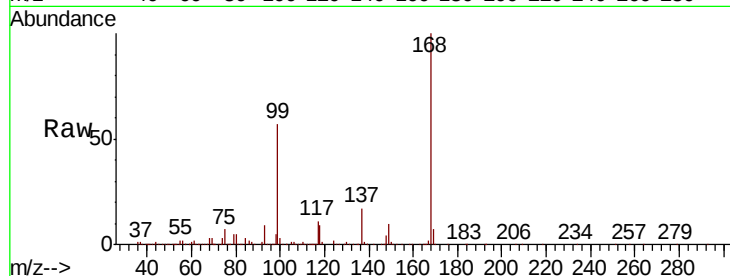
Tot Ion: 75 Resp: 44776

Ion Ratio Lower Upper

75 100

110 10.3 20.4 61.3#

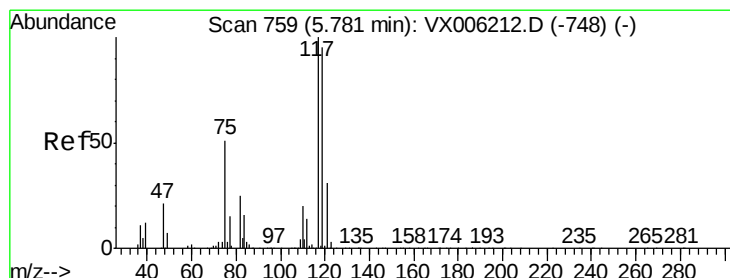
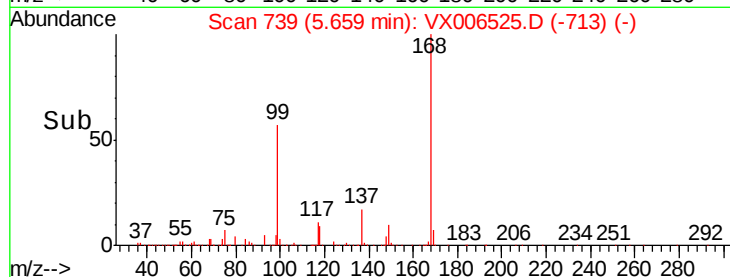
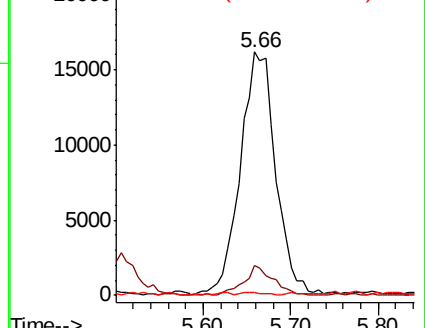
77 0.8 24.9 37.3#



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: 6.032 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006525.D

Acq: 14 Dec 2018 18:45

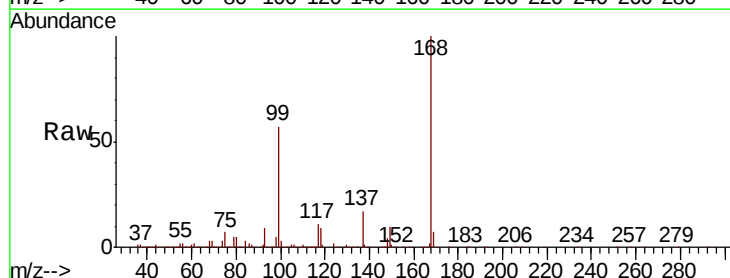
Tgt Ion: 117 Resp: 64820

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

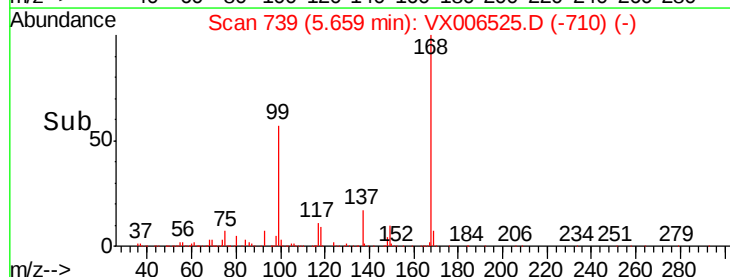
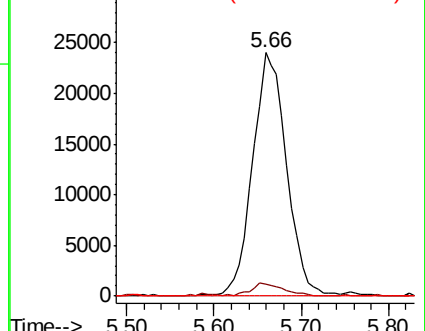
121 0.0 24.6 37.0#

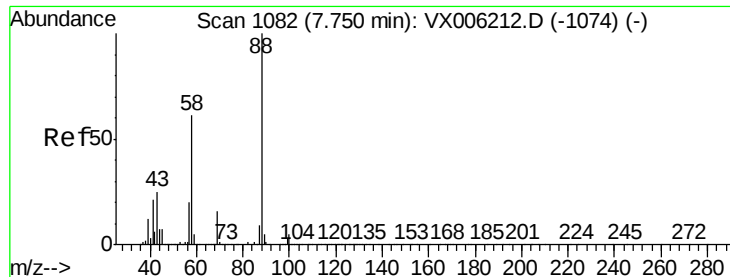


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

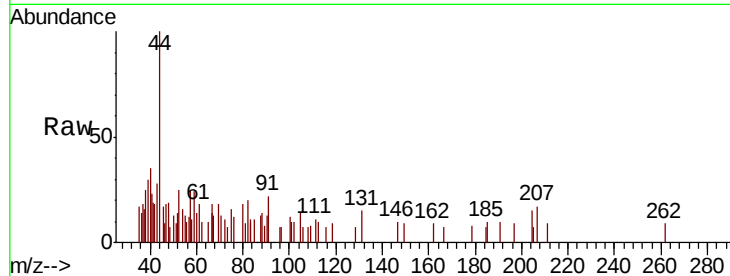




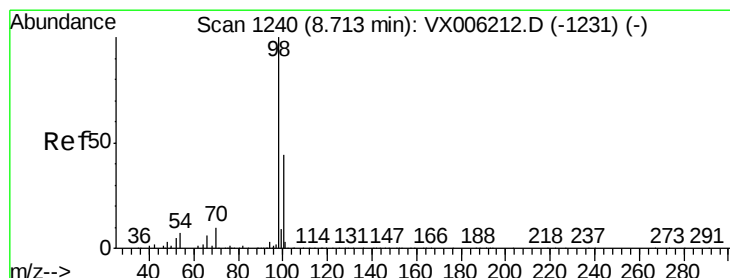
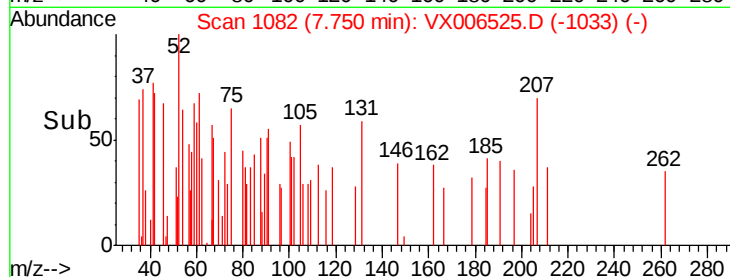
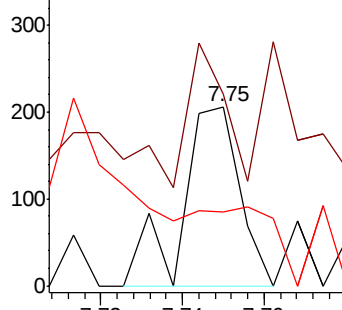
#49
1,4-Dioxane
Concen: 0.993 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
88	100		
43	112.3	23.2	34.8#
58	0.0	51.4	77.0#

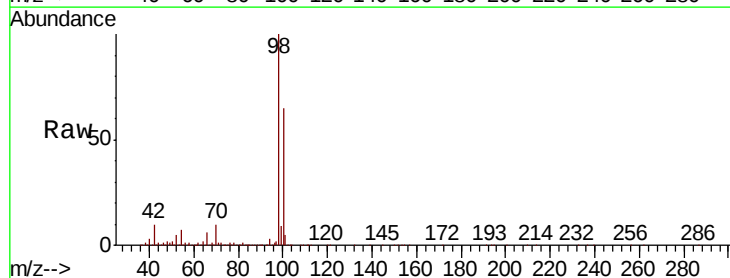


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

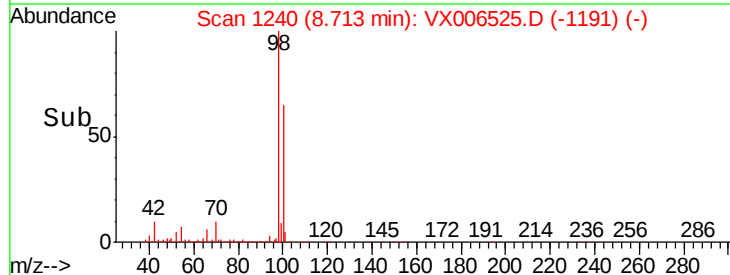
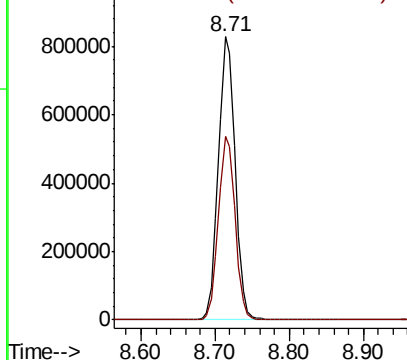


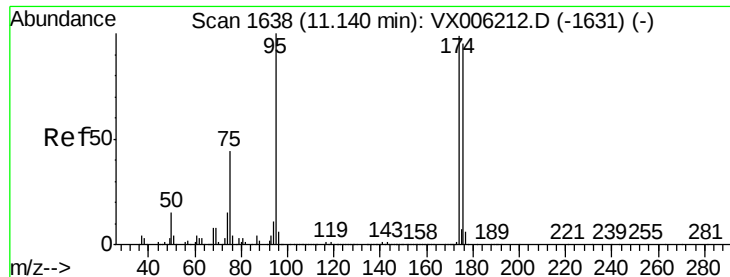
#50
Toluene-d8
Concen: 50.210 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.867 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006525.D

Acq: 14 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

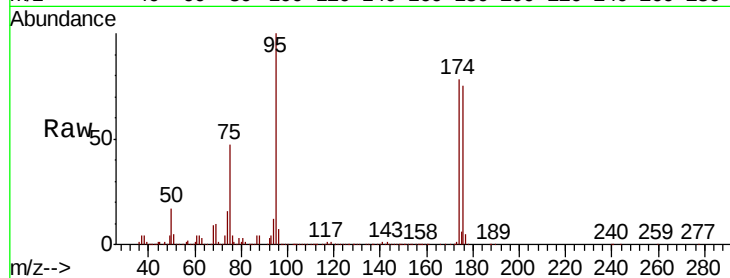
Tot Ion: 95 Resp: 470440

Ion Ratio Lower Upper

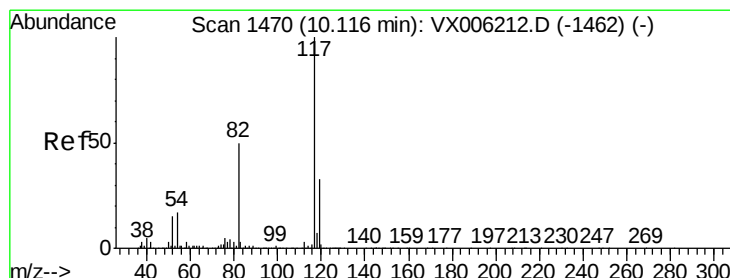
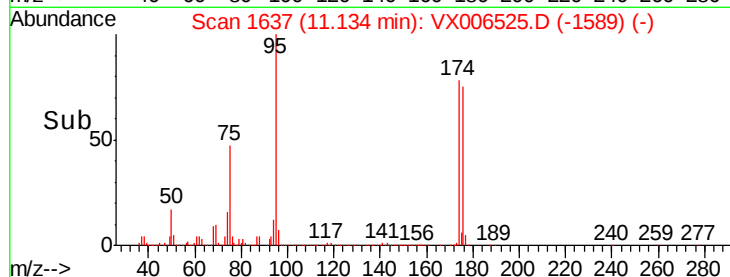
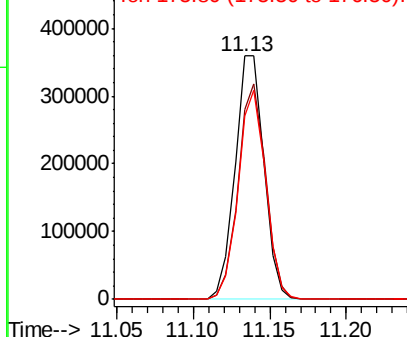
95 100

174 84.6 0.0 187.0

176 81.9 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: VX006525.D

Acq: 14 Dec 2018 18:45

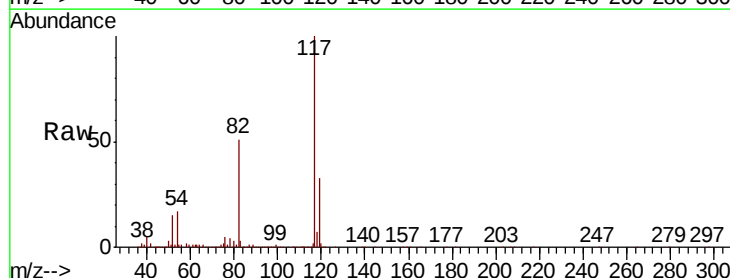
Tgt Ion: 117 Resp: 994178

Ion Ratio Lower Upper

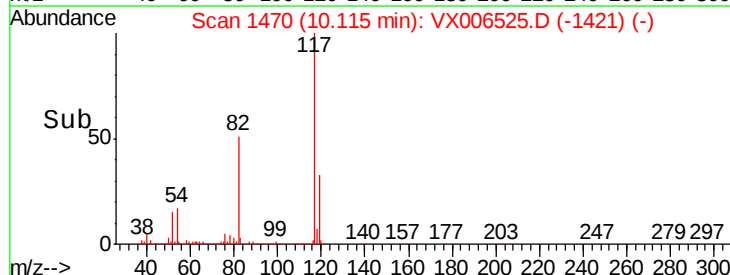
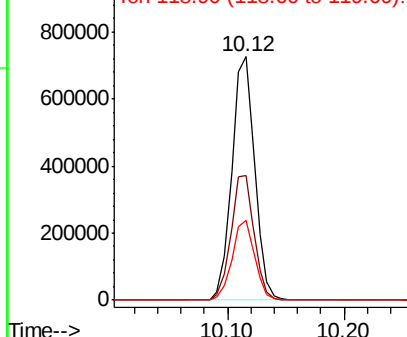
117 100

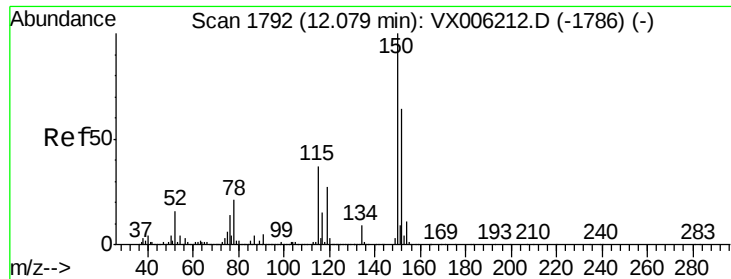
82 51.3 39.6 59.4

119 32.5 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



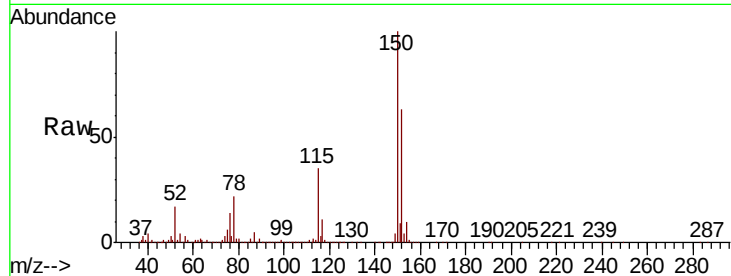


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.0	116.9
150	155.9	0.0	345.8

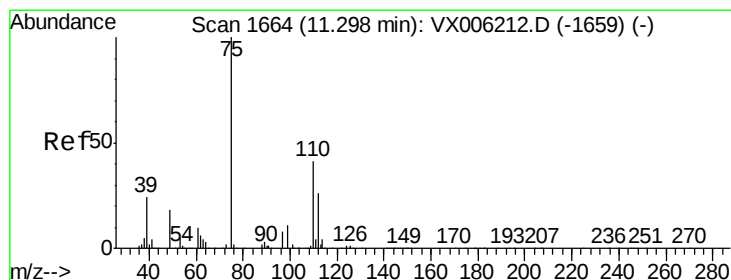
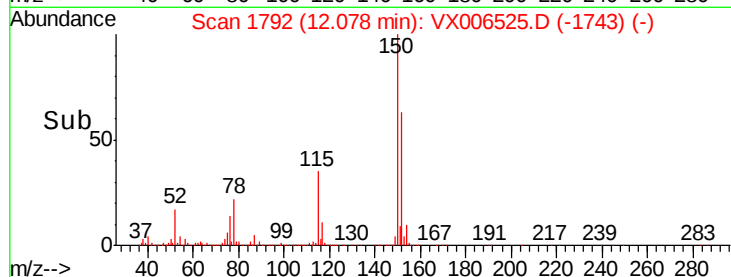
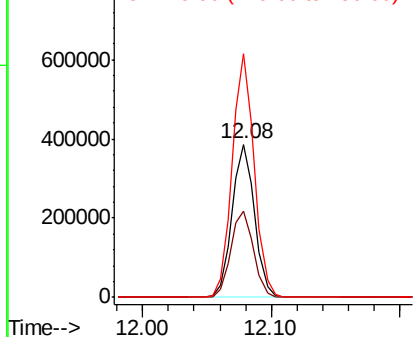


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

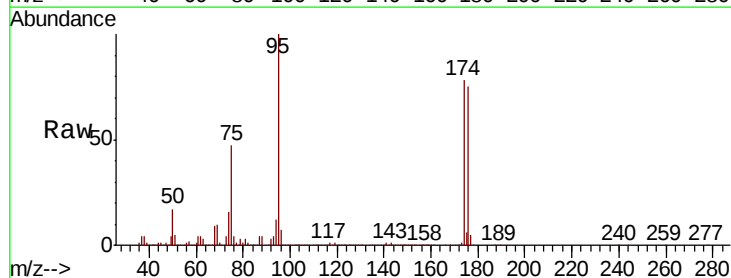
Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane
Concen: 23.843 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006525.D
Acq: 14 Dec 2018 18:45

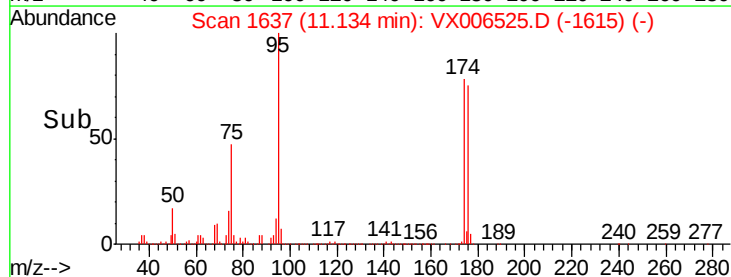
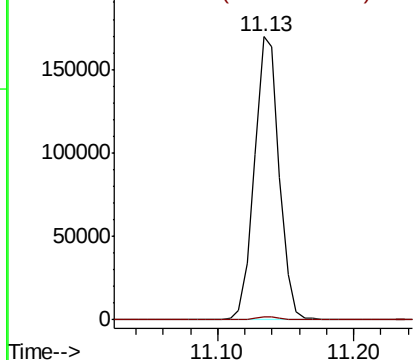
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7

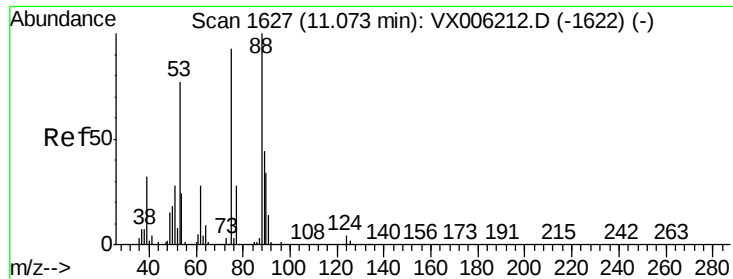


Abundance

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: 55.954 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006525.D

Acq: 14 Dec 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

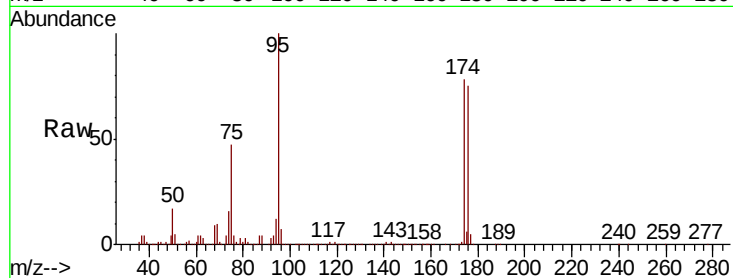
Tot Ion: 75 Resp: 217073

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

