

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006531.D
 Acq On : 14 Dec 2018 21:25
 Operator : JC/MD
 Sample : J6396-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:39:11 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

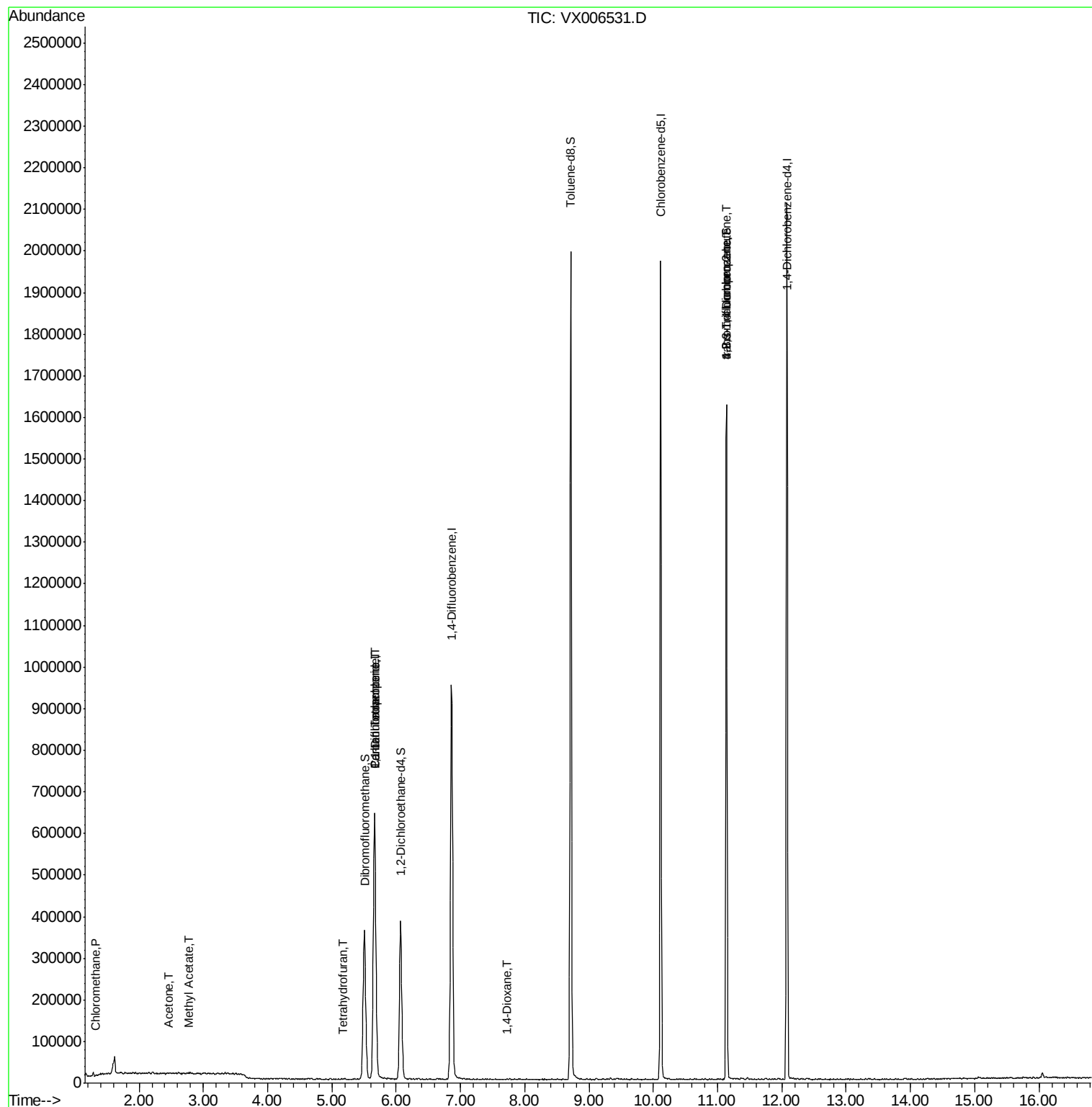
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	643551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1036778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	934950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	441386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	357390	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
35) Dibromofluoromethane	5.51	113	307869	45.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.72%	
50) Toluene-d8	8.71	98	1227533	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	451080	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.34	50	1379	0.213	ug/l #	58
16) Acetone	2.46	43	1091	0.354	ug/l #	84
18) Methyl Acetate	2.78	43	3406	0.330	ug/l #	62
29) Tetrahydrofuran	5.16	42	803	0.263	ug/l	94
36) 1,1-Dichloropropene	5.66	75	43487	4.981	ug/l #	48
38) Carbon Tetrachloride	5.66	117	61408	5.979	ug/l #	16
49) 1,4-Dioxane	7.73	88	200	1.023	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	205342	24.103	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	205342	56.562	ug/l #	15

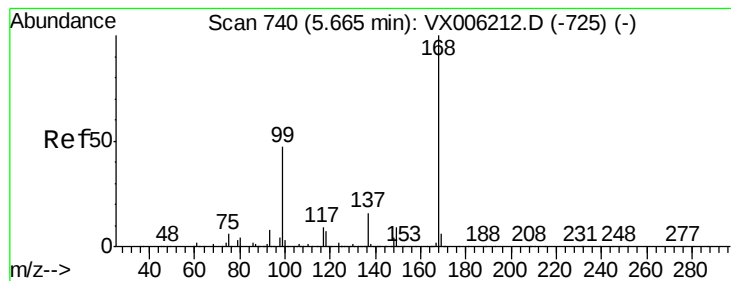
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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Instrument :
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ClientSampleId :

Quant Time: Dec 15 04:39:11 2018
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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006531.D

Acq: 14 Dec 2018 21:25

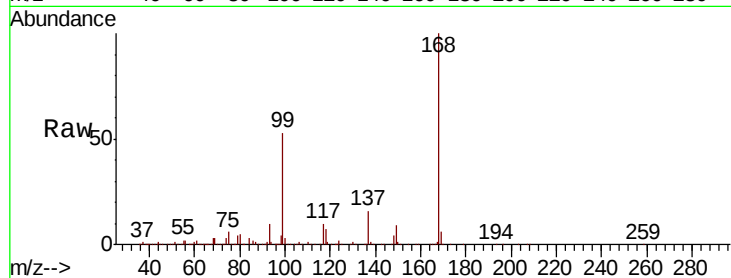
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 643551

Ion Ratio Lower Upper

168 100

99 53.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

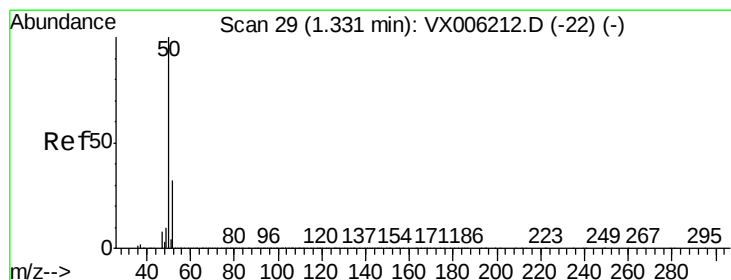
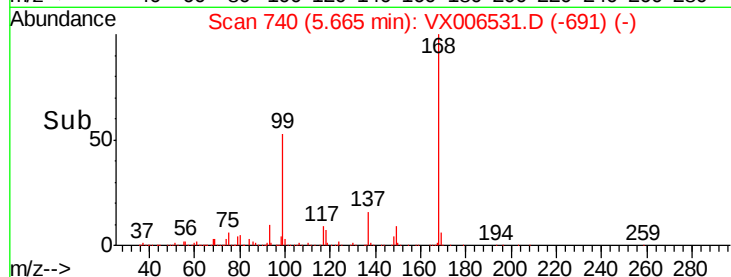
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.213 ug/l

RT: 1.34 min Scan# 30

Delta R.T. 0.01 min

Lab File: VX006531.D

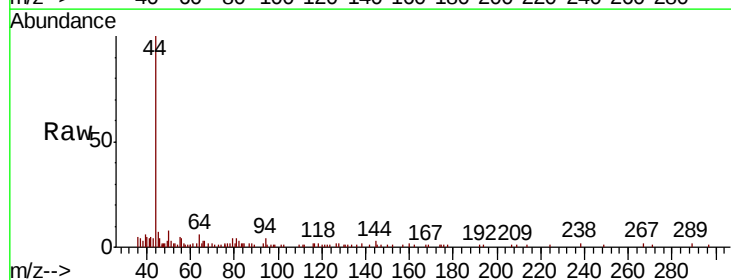
Acq: 14 Dec 2018 21:25

Tgt Ion: 50 Resp: 1379

Ion Ratio Lower Upper

50 100

52 8.2 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

600

500

400

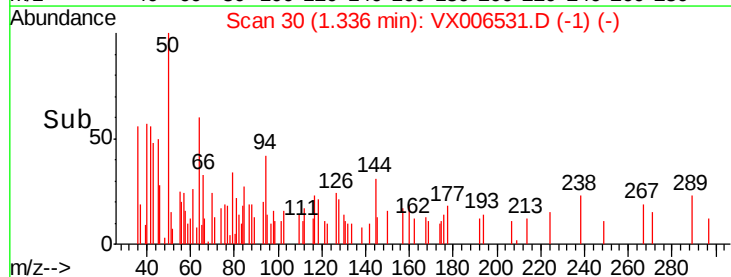
300

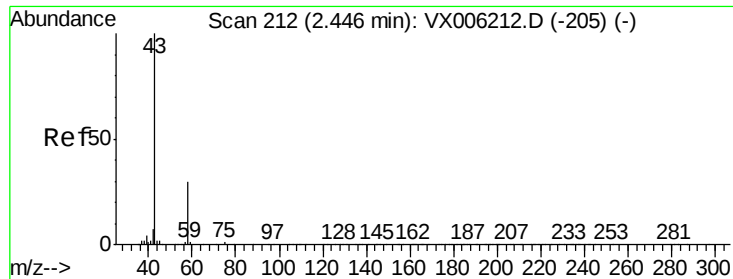
200

100

0

Time--> 1.30 1.35 1.40





#16

Acetone

Concen: 0.354 ug/l

RT: 2.46 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX006531.D

Acq: 14 Dec 2018 21:25

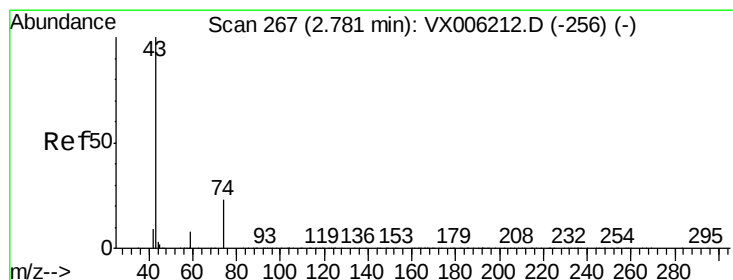
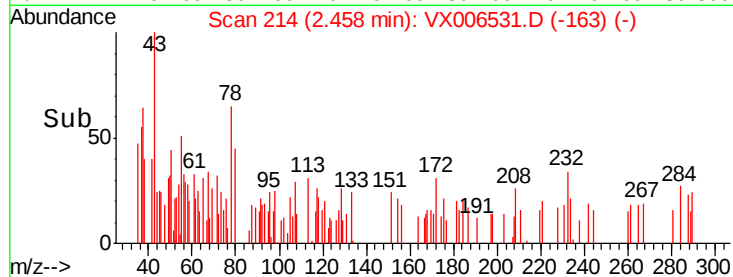
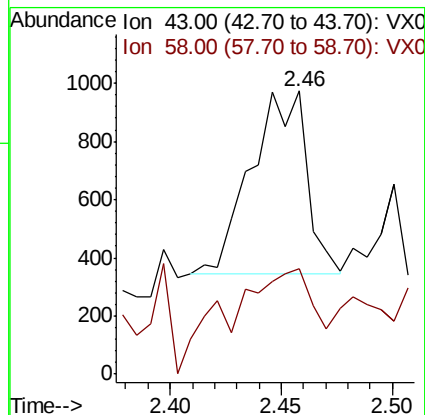
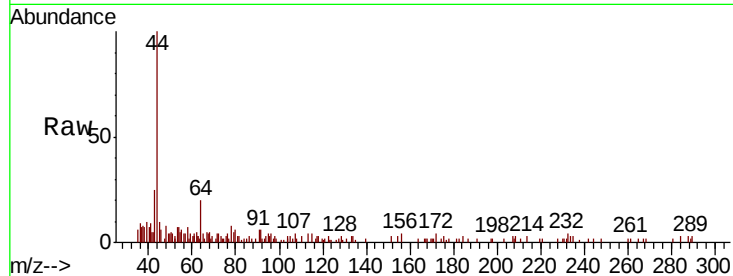
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1091

Ion Ratio Lower Upper

43 100

58 38.5 24.0 36.0#



#18

Methyl Acetate

Concen: 0.330 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006531.D

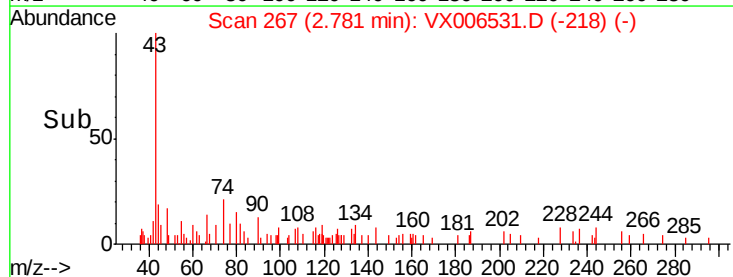
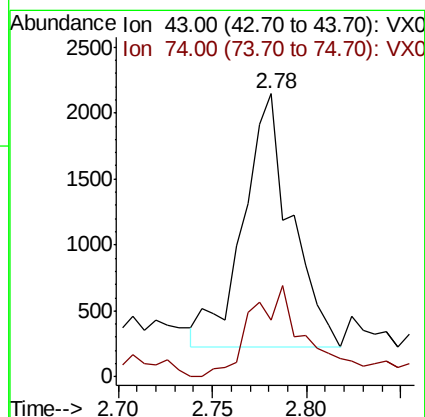
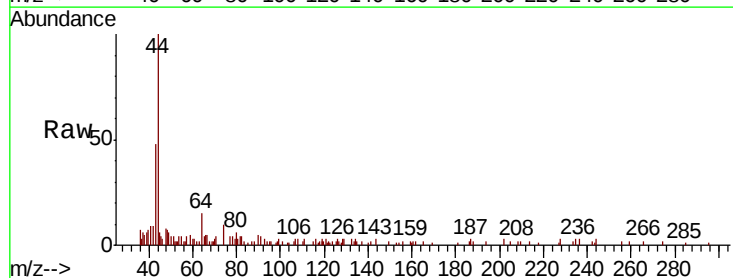
Acq: 14 Dec 2018 21:25

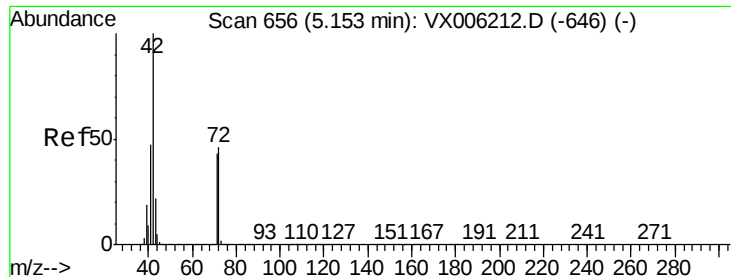
Tgt Ion: 43 Resp: 3406

Ion Ratio Lower Upper

43 100

74 40.7 17.9 26.9#





#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 5.16 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006531.D

Acq: 14 Dec 2018 21:25

Instrument :

MSVOA_X

ClientSampled :

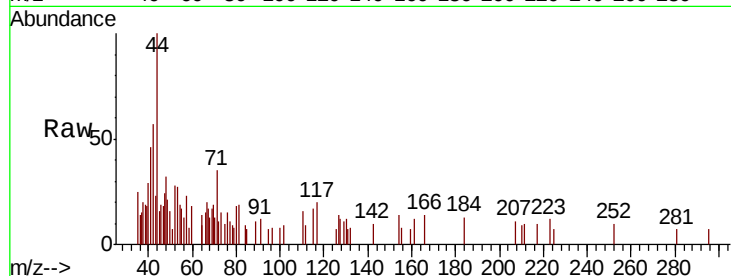
Tot Ion: 42 Resp: 803

Ion Ratio Lower Upper

42 100

72 52.3 37.8 56.8

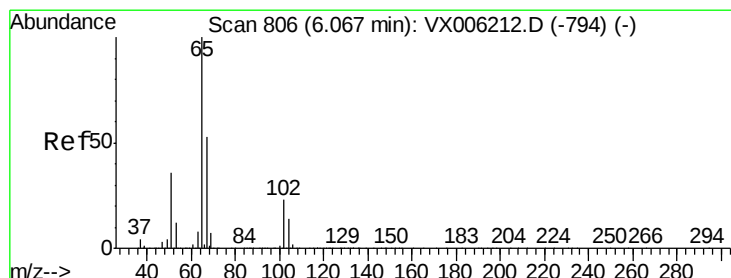
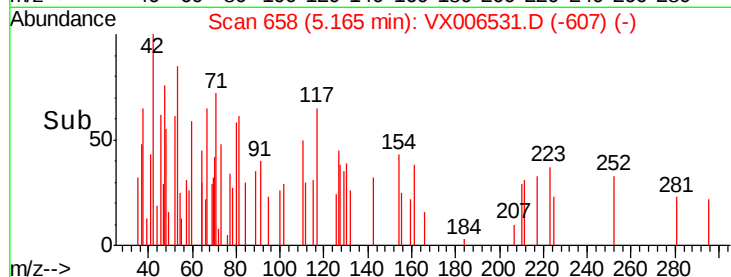
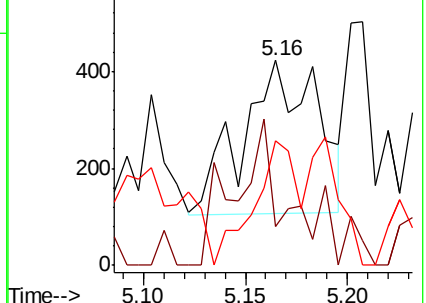
71 46.3 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.400 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006531.D

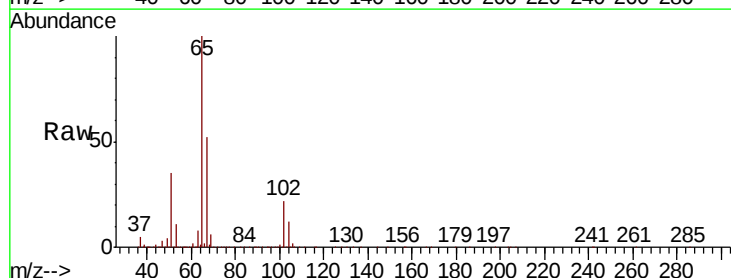
Acq: 14 Dec 2018 21:25

Tgt Ion: 65 Resp: 357390

Ion Ratio Lower Upper

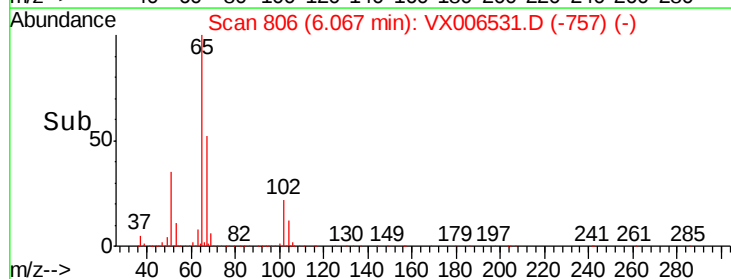
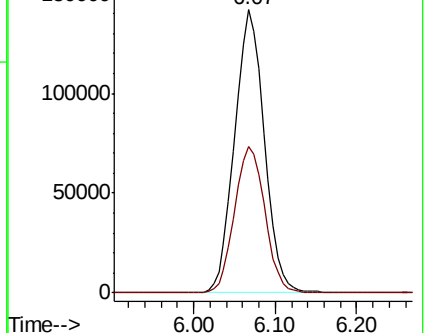
65 100

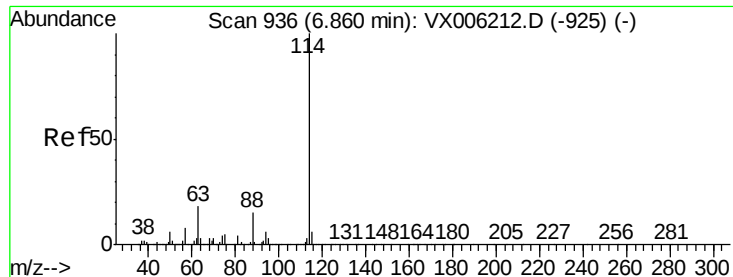
67 53.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006531.D

Acq: 14 Dec 2018 21:25

Instrument :

MSVOA_X

ClientSampled :

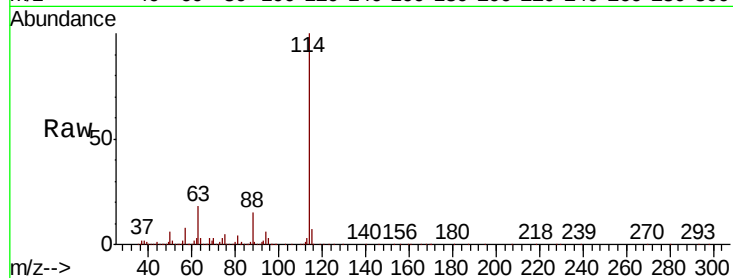
Tot Ion:114 Resp: 1036778

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

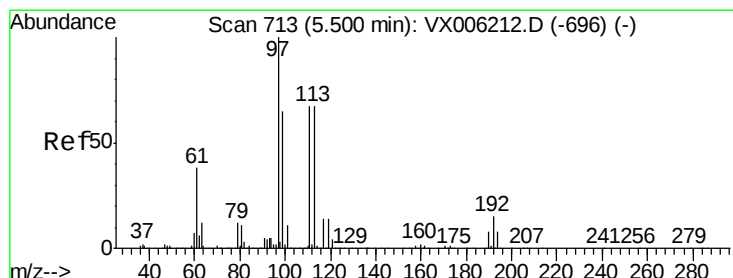
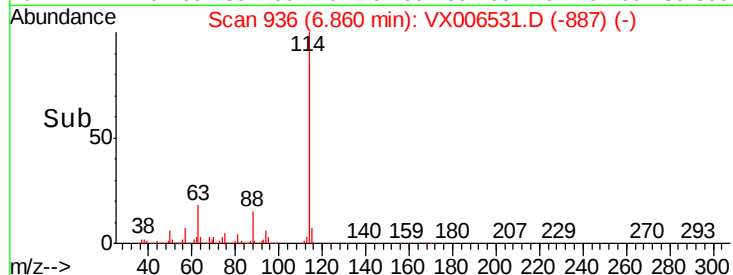
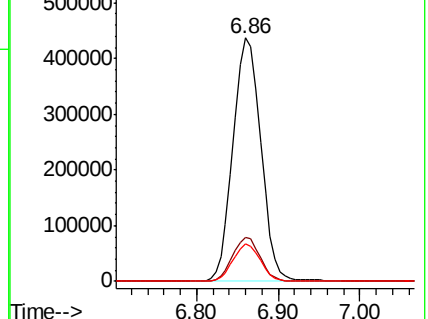
88 15.4 0.0 29.0



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: 45.863 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006531.D

Acq: 14 Dec 2018 21:25

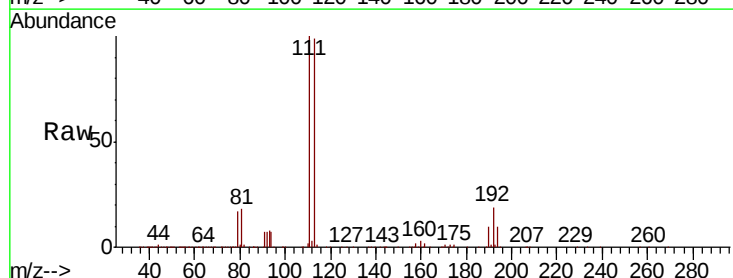
Tgt Ion:113 Resp: 307869

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

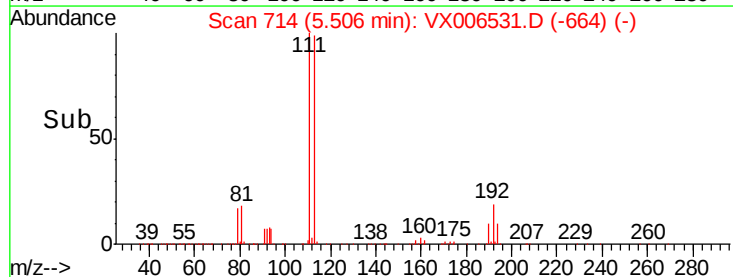
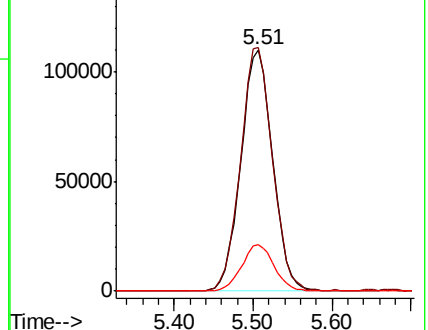
192 19.7 18.2 27.2

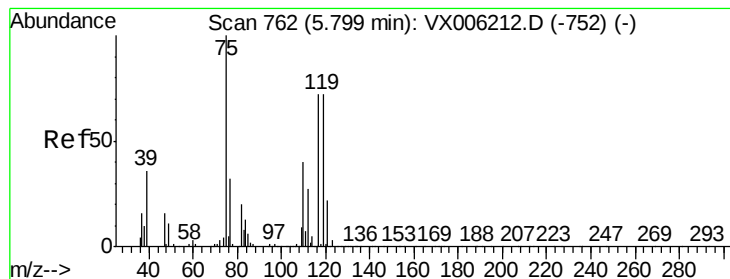


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.981 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006531.D

Acq: 14 Dec 2018 21:25

Instrument :
MSVOA_X
ClientSampleId :

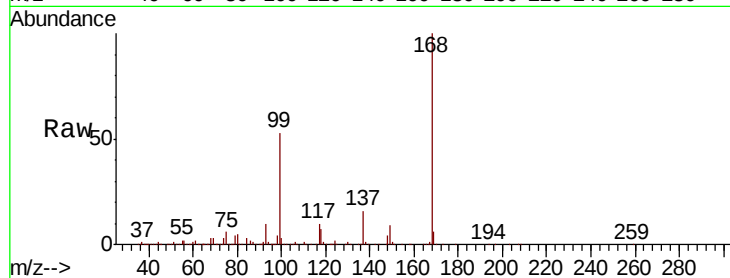
Tot Ion: 75 Resp: 43487

Ion Ratio Lower Upper

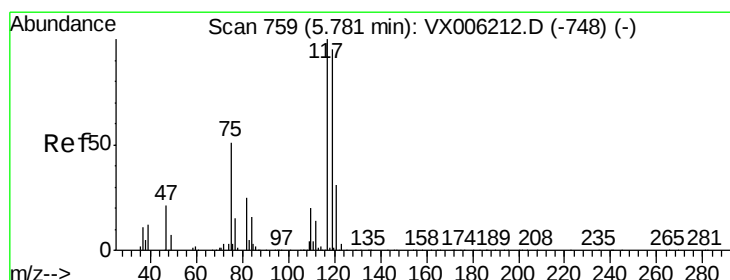
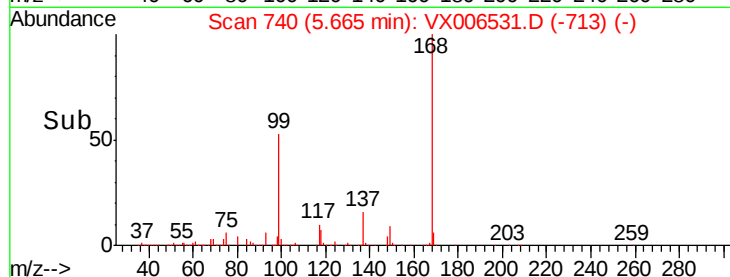
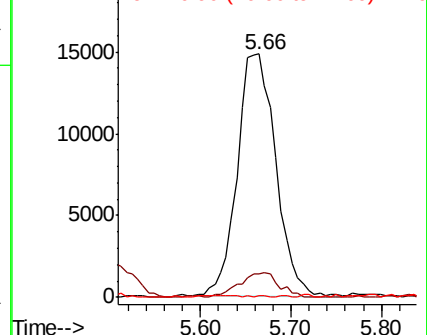
75 100

110 10.5 20.4 61.3#

77 0.2 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: 5.979 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006531.D

Acq: 14 Dec 2018 21:25

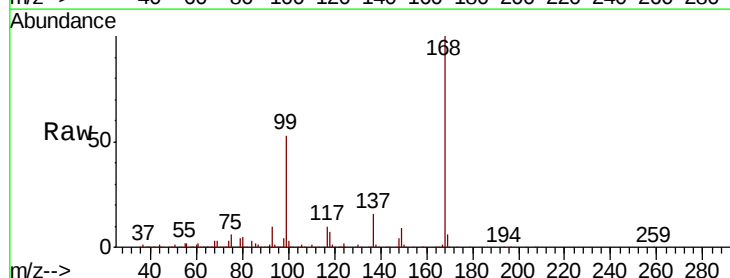
Tgt Ion: 117 Resp: 61408

Ion Ratio Lower Upper

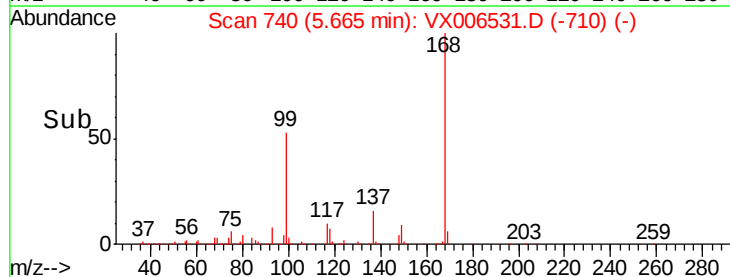
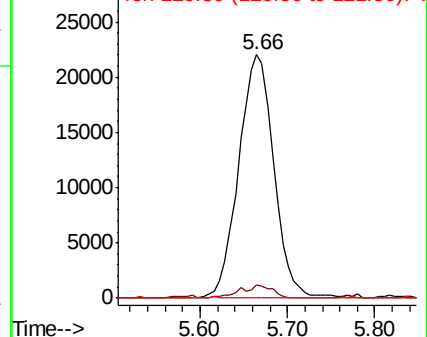
117 100

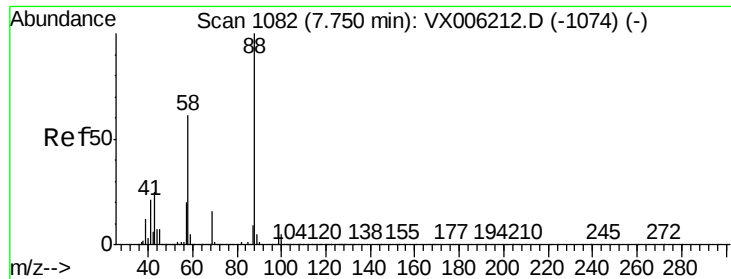
119 5.1 75.8 113.8#

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

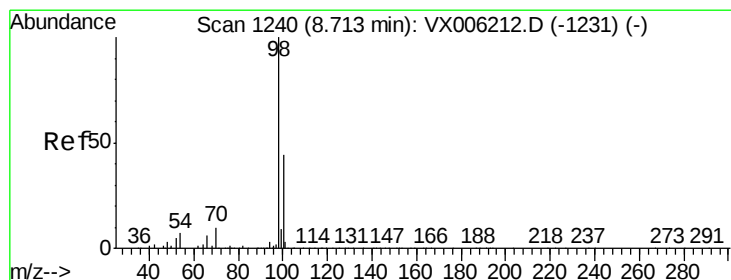
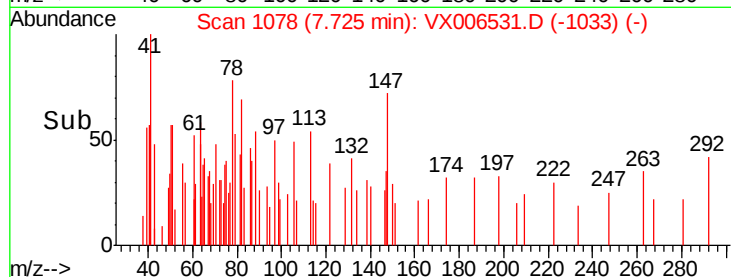
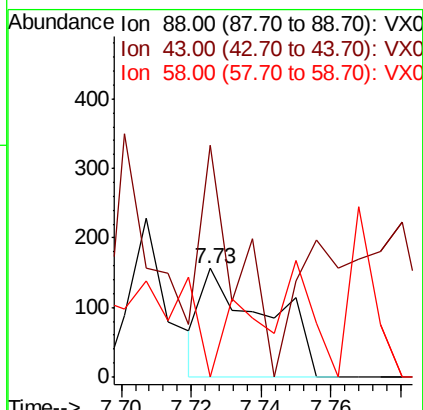
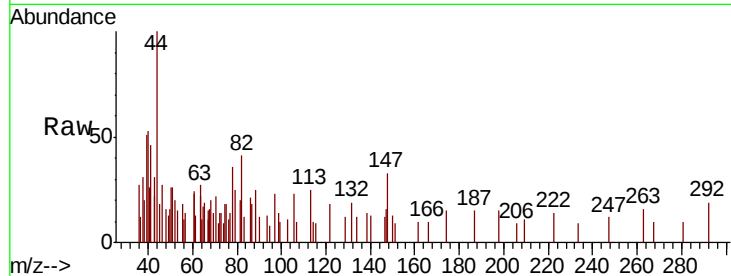




#49
1,4-Dioxane
Concen: 1.023 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX006531.D
Acq: 14 Dec 2018 21:25

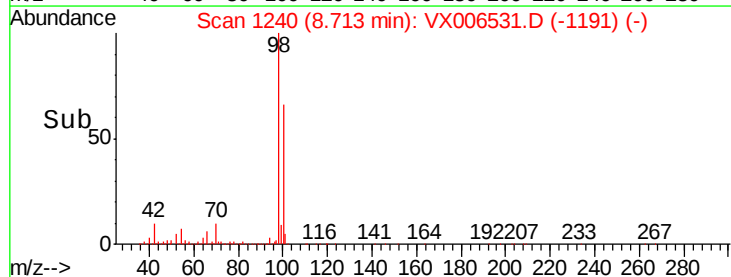
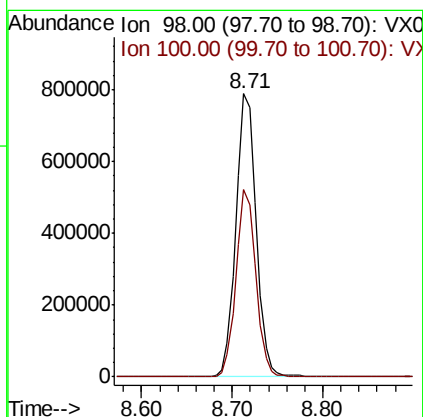
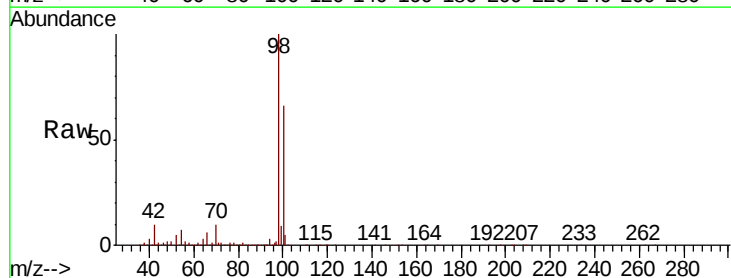
Instrument :
MSVOA_X
ClientSampleId :

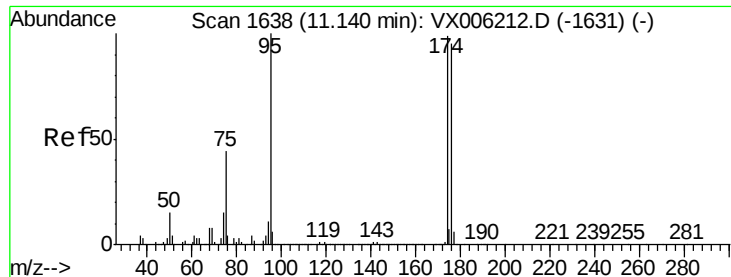
Tot Ion: 88 Resp: 200
Ion Ratio Lower Upper
88 100
43 117.5 23.2 34.8#
58 0.0 51.4 77.0#



#50
Toluene-d8
Concen: 50.274 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006531.D
Acq: 14 Dec 2018 21:25

Tgt Ion: 98 Resp: 1227533
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

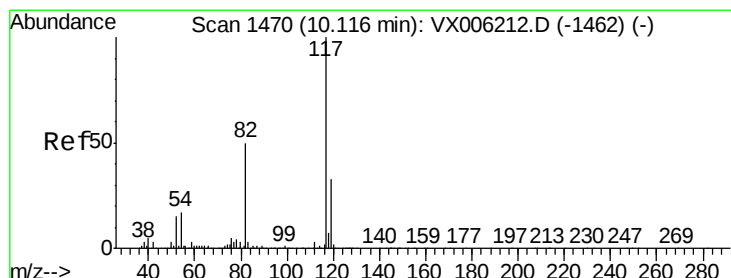
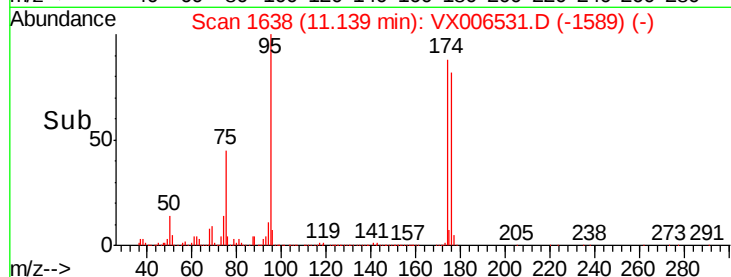
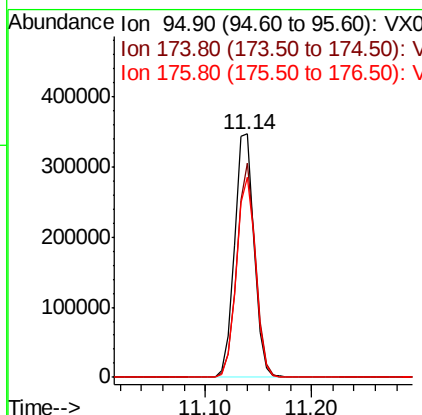
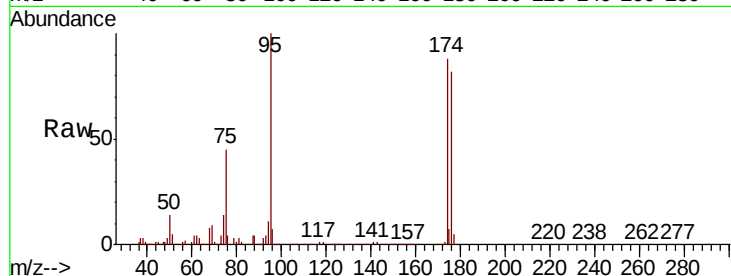




#62
4-Bromofluorobenzene
Concen: 49.025 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006531.D
Acq: 14 Dec 2018 21:25

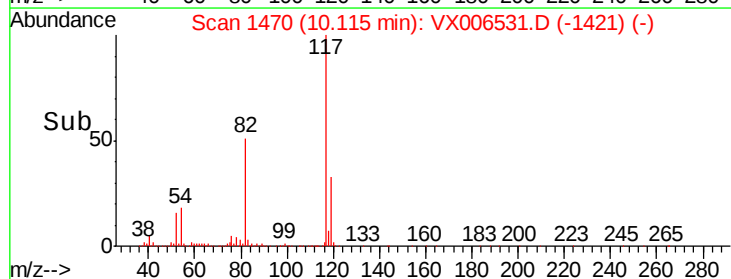
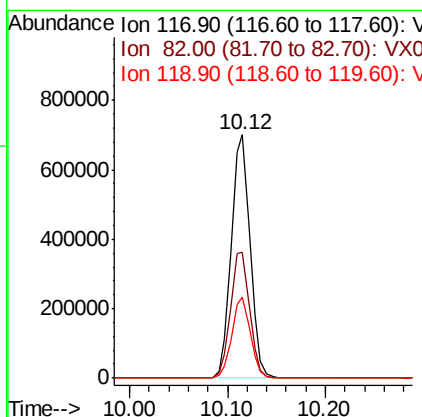
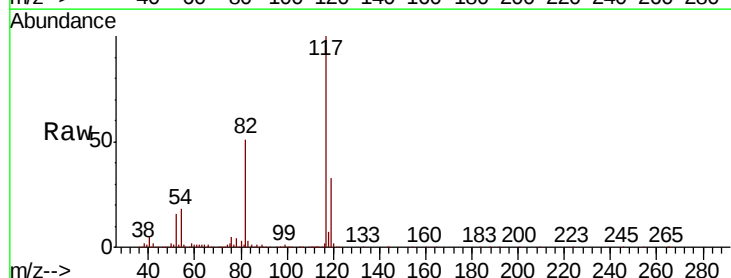
Instrument :
MSVOA_X
ClientSampleId :

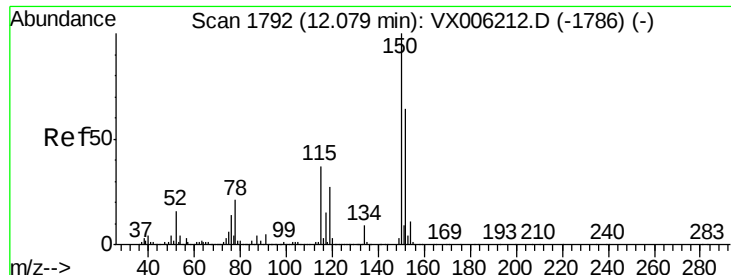
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	187.0
176	80.5	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006531.D
Acq: 14 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	39.6	59.4
119	33.0	26.3	39.5



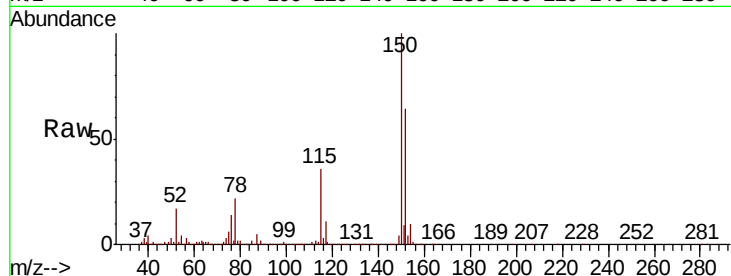


#72

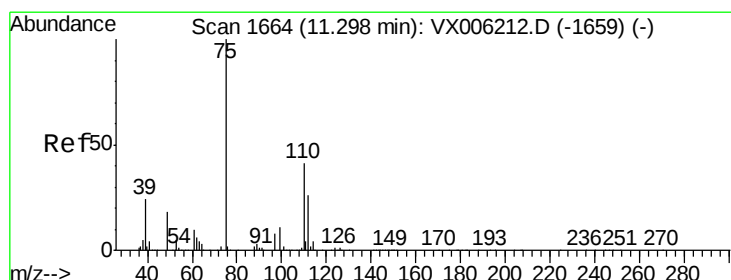
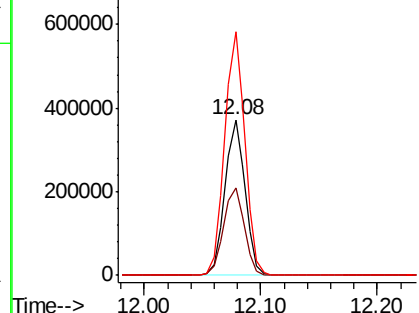
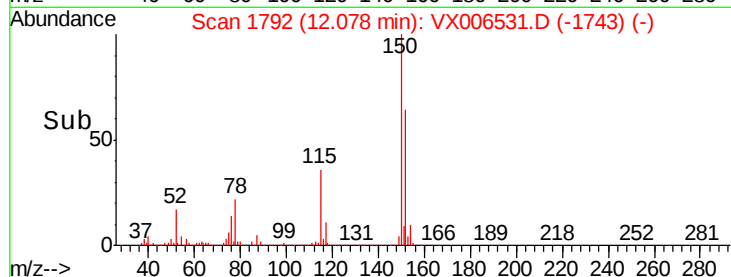
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006531.D
Acq: 14 Dec 2018 21:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	39.0	116.9
150	157.3	0.0	345.8



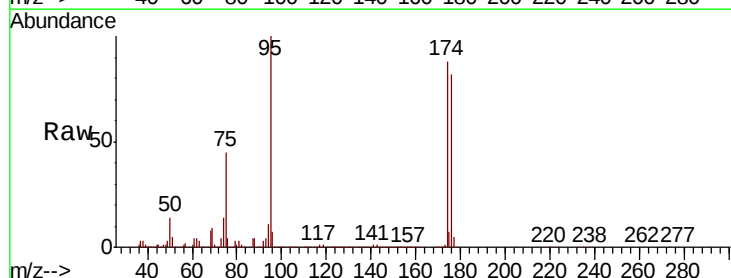
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



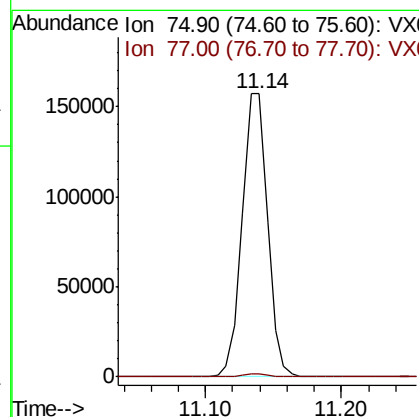
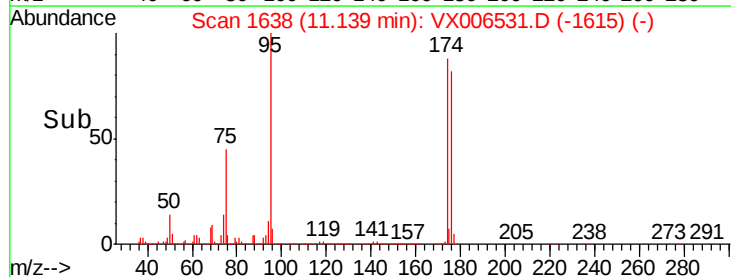
#76

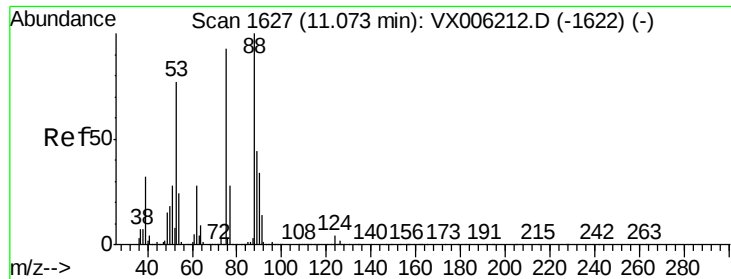
1,2,3-Trichloropropane
Concen: 24.103 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX006531.D
Acq: 14 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 56.562 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006531.D
 Acq: 14 Dec 2018 21:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 205342
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.4 96.6#
 89 0.0 44.2 66.4#

