

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002728.D
 Acq On : 19 Jun 2018 22:04
 Operator : JC/MD
 Sample : J3502-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 01:05:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161490	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	149857	45.65	ug/l	0.00
Spiked Amount			Recovery	=	91.30%	
35) Dibromofluoromethane	5.51	113	116766	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
50) Toluene-d8	8.72	98	439169	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	11.14	95	152589	43.17	ug/l	0.00
Spiked Amount			Recovery	=	86.34%	

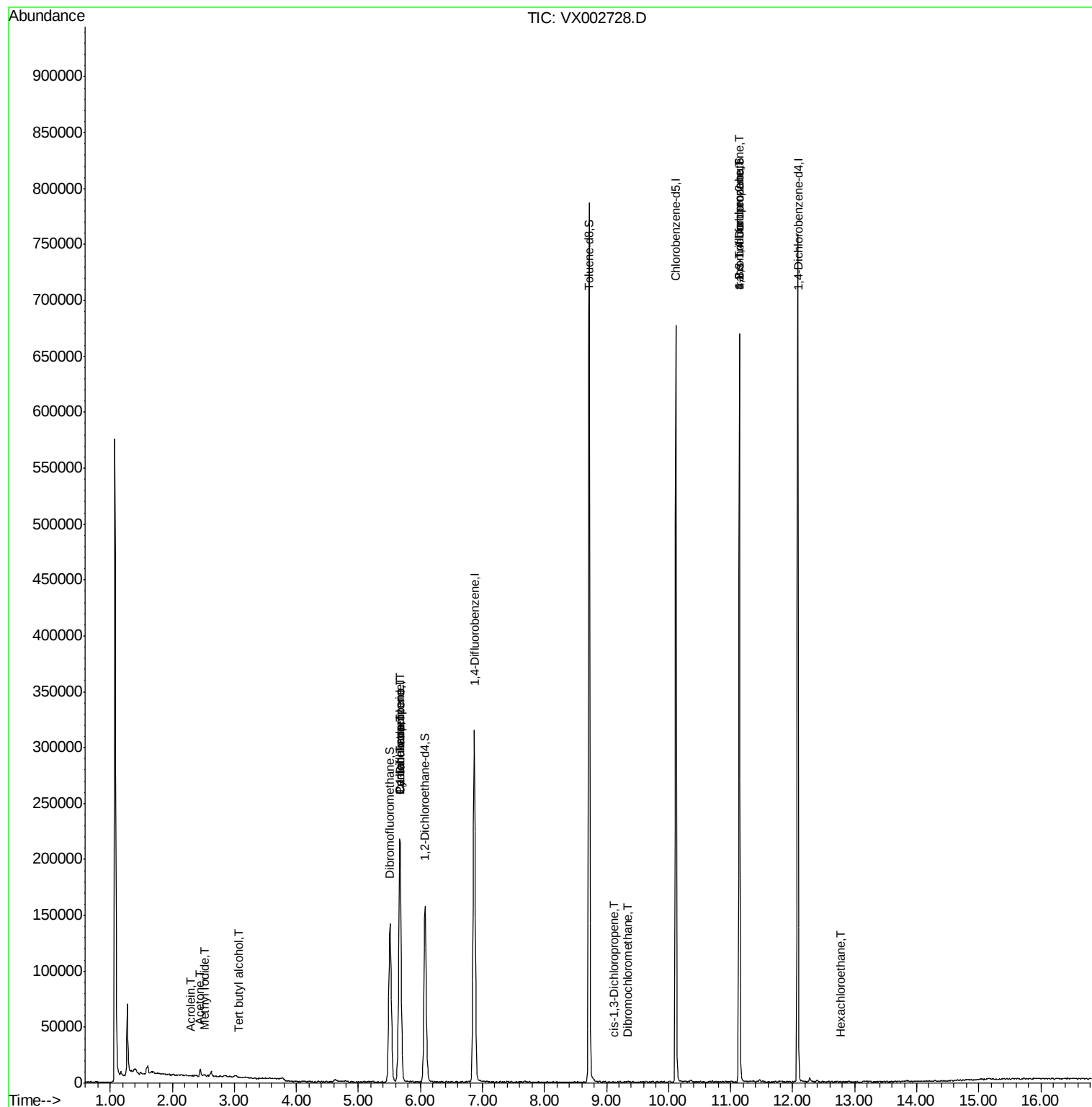
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1259	5.51	ug/l #	92
11) Tert butyl alcohol	3.07	59	400	0.59	ug/l #	78
13) Acrolein	2.29	56	365	7.98	ug/l #	68
16) Acetone	2.45	43	7048	4.87	ug/l	97
31) Cyclohexane	5.66	56	4622	1.19	ug/l #	16
36) 1,1-Dichloropropene	5.67	75	15148	4.63	ug/l #	50
38) Carbon Tetrachloride	5.67	117	20060	6.16	ug/l #	17
54) cis-1,3-Dichloropropene	9.12	75	23	3.22	ug/l #	1
60) Dibromochloromethane	9.35	129	22	3.77	ug/l #	11
76) 1,2,3-Trichloropropane	11.14	75	81588	26.77	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	81588	82.69	ug/l #	6
90) Hexachloroethane	12.76	117	25	2.64	ug/l #	1

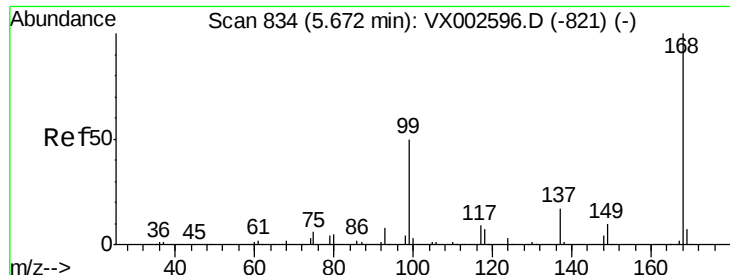
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
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ClientSampled :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

Instrument :

MSVOA_X

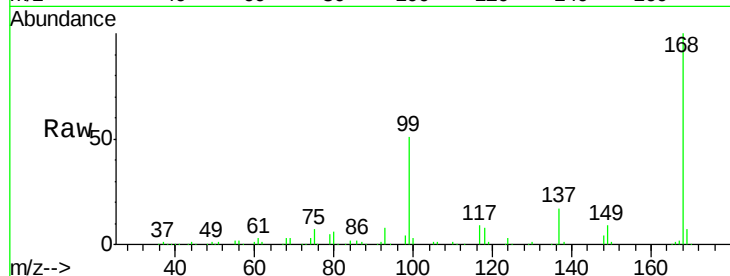
ClientSampled :

Tot Ion:168 Resp: 216025

Ion Ratio Lower Upper

168 100

99 51.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

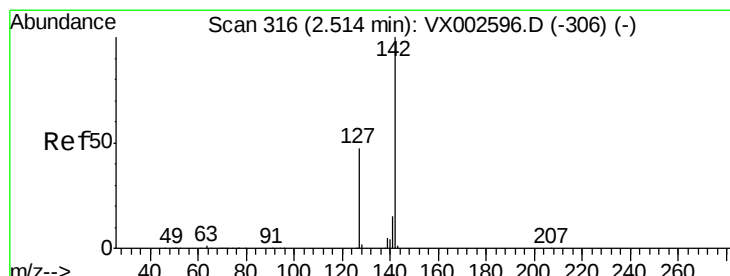
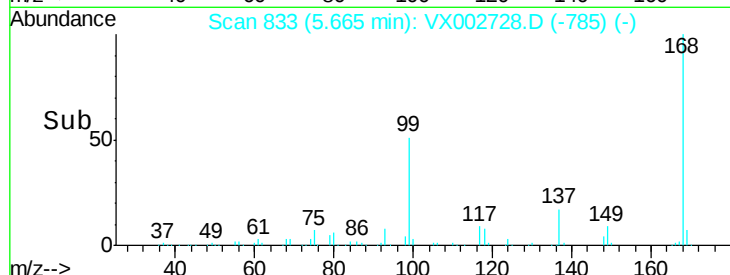
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 5.51 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

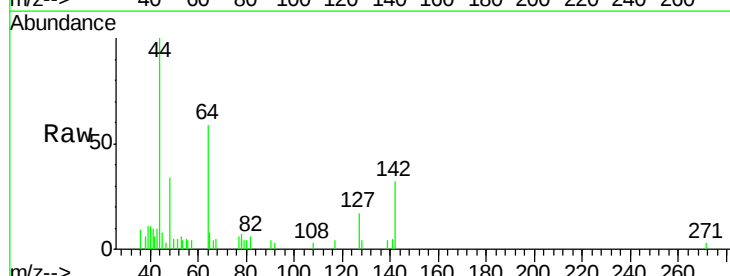
Tgt Ion:142 Resp: 1259

Ion Ratio Lower Upper

142 100

127 49.8 36.6 55.0

141 7.8 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

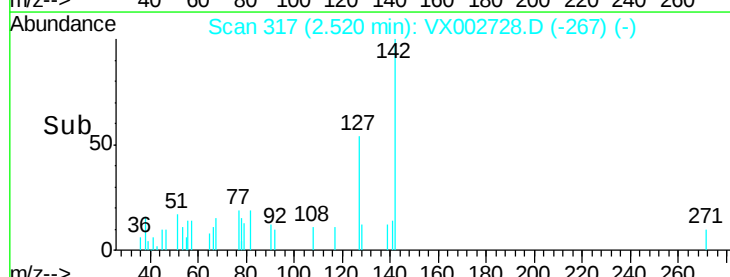
600

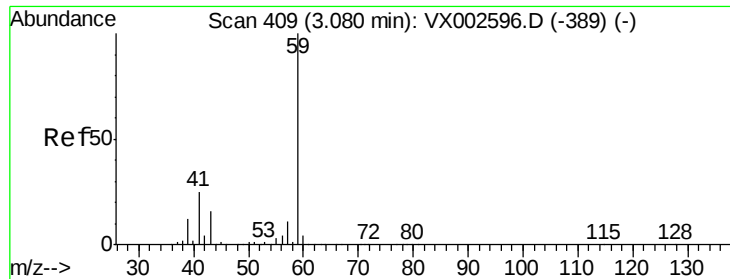
400

200

0

Time--> 2.45 2.50 2.55 2.60

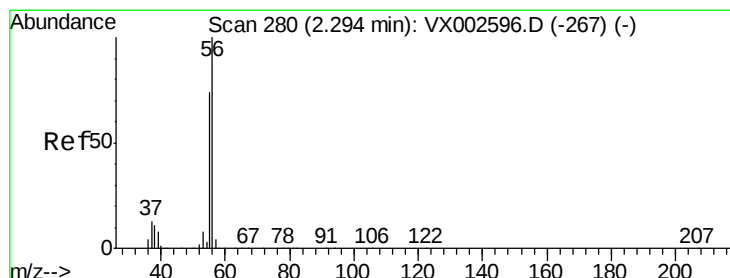
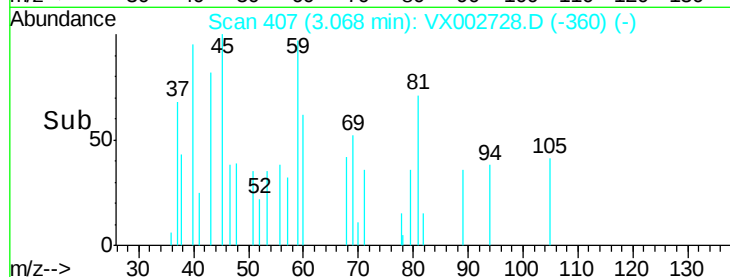
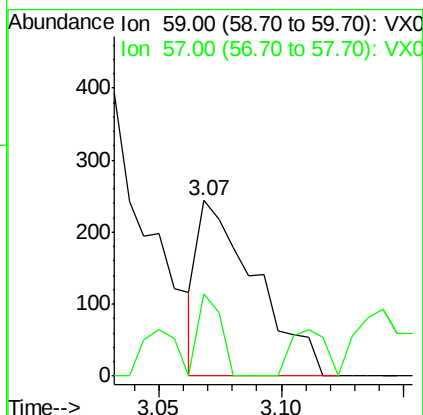
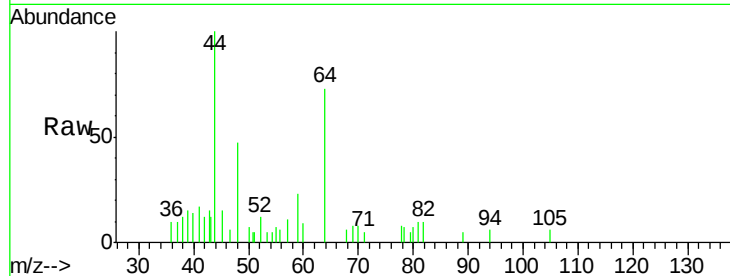




#11
Tert butyl alcohol
Concen: 0.59 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

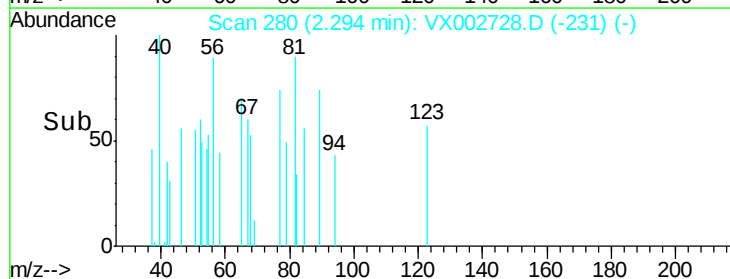
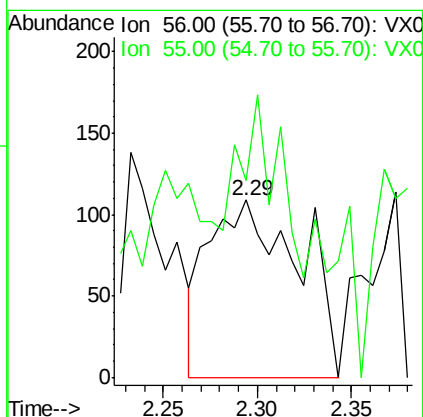
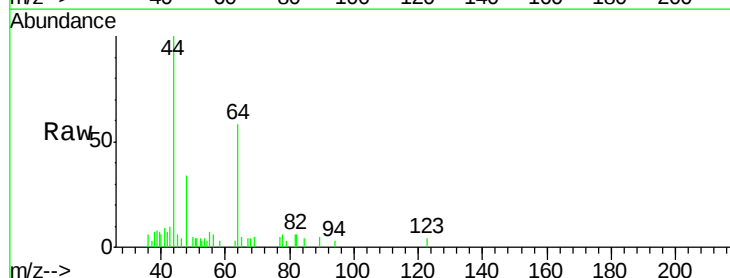
Instrument :
MSVOA_X
ClientSampled :

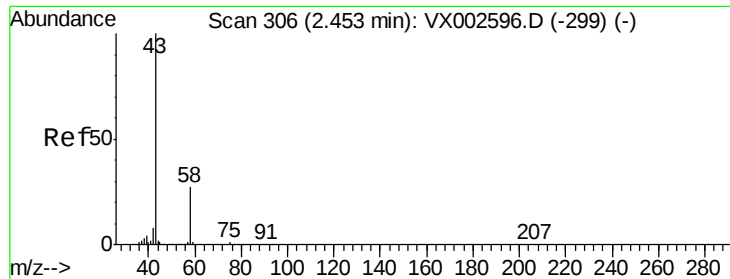
Tot Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 18.5 8.2 12.2#



#13
Acrolein
Concen: 7.98 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Tgt Ion: 56 Resp: 365
Ion Ratio Lower Upper
56 100
55 44.9 57.0 85.4#





#16

Acetone

Concen: 4.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

Instrument :

MSVOA_X

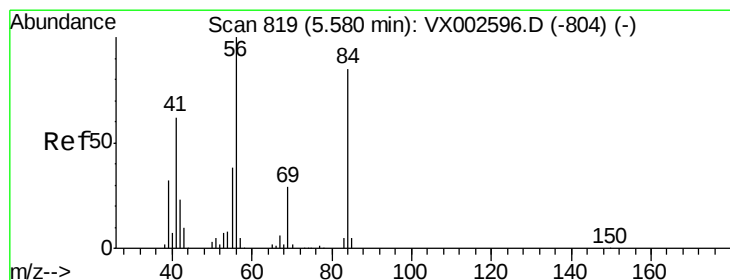
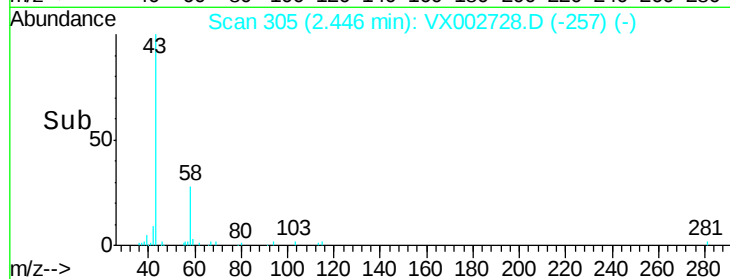
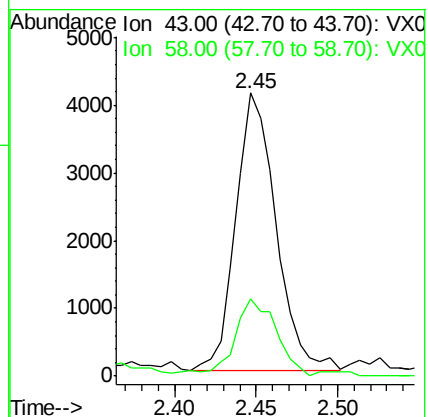
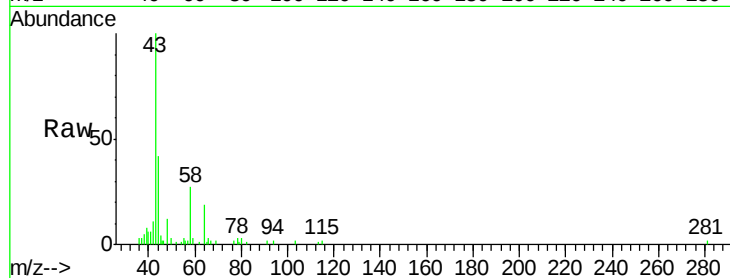
ClientSampleId :

Tot Ion: 43 Resp: 7048

Ion Ratio Lower Upper

43 100

58 26.2 22.1 33.1



#31

Cyclohexane

Concen: 1.19 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

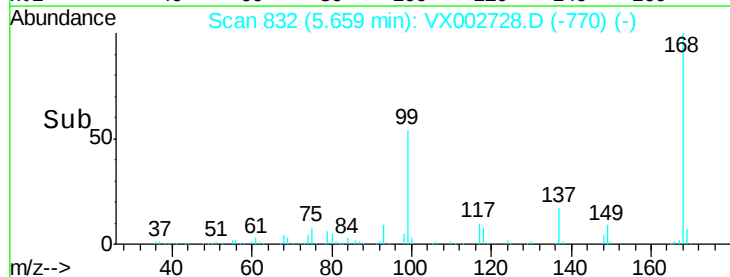
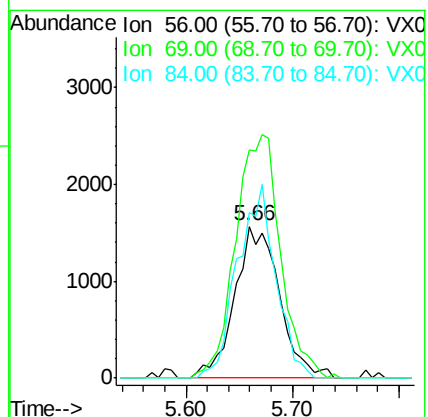
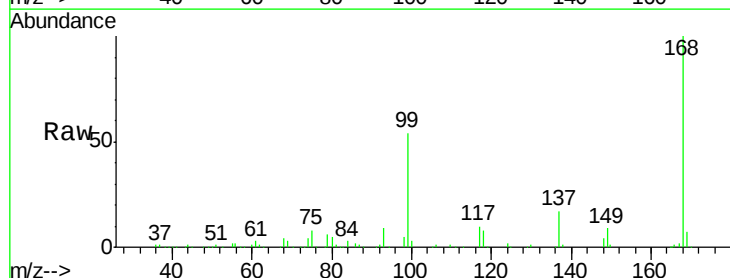
Tgt Ion: 56 Resp: 4622

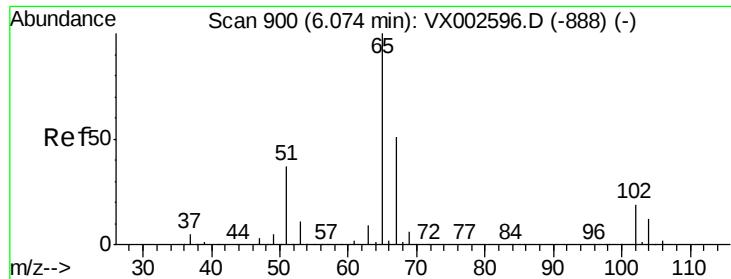
Ion Ratio Lower Upper

56 100

69 150.4 23.7 35.5#

84 109.0 64.1 96.1#

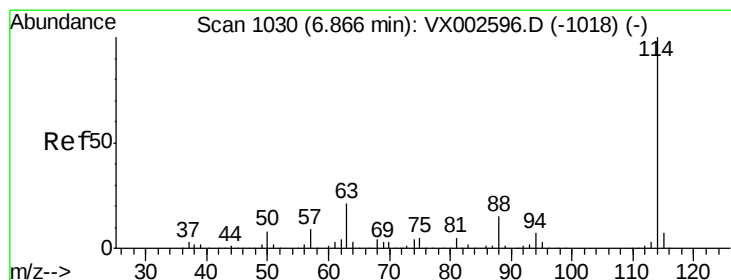
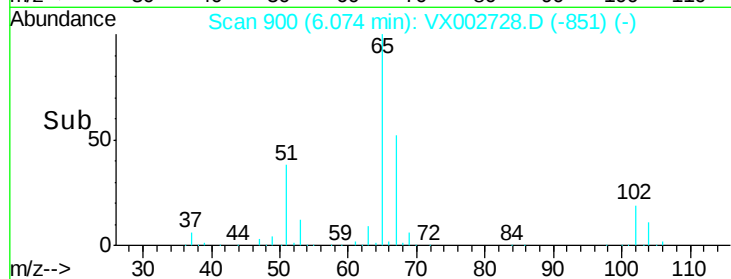
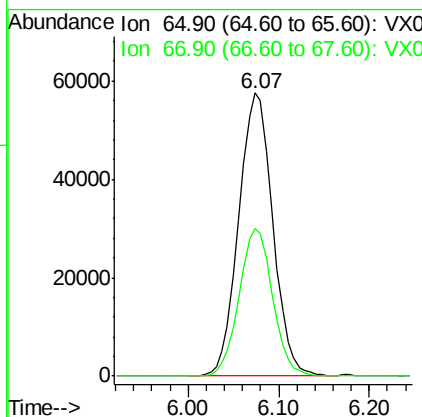
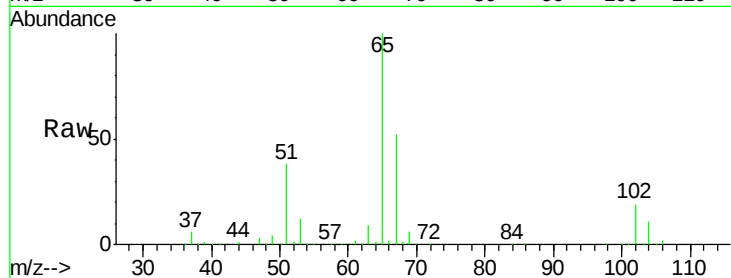




#33
 1,2-Dichloroethane-d4
 Concen: 45.65 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002728.D
 Acq: 19 Jun 2018 22:04

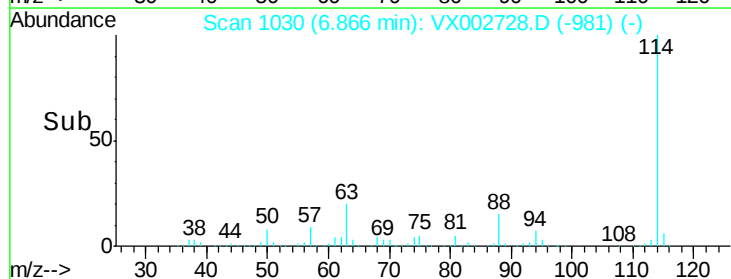
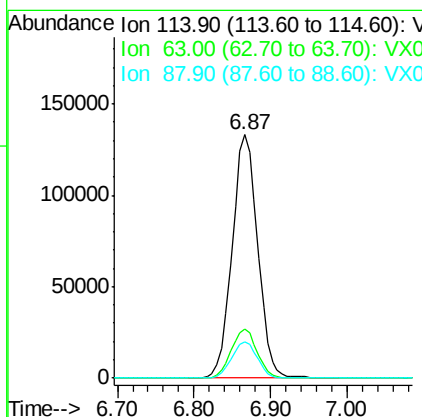
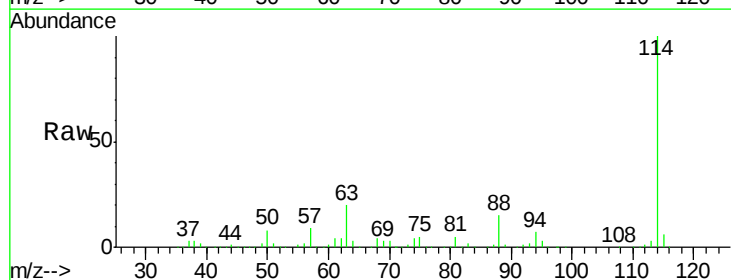
Instrument :
 MSVOA_X
 ClientSampleId :

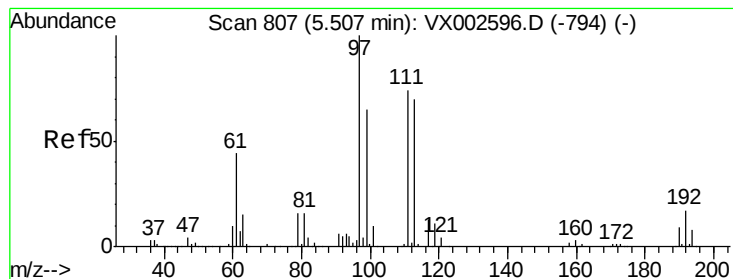
Tot Ion: 65 Resp: 149857
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002728.D
 Acq: 19 Jun 2018 22:04

Tgt Ion: 114 Resp: 307792
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 14.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.53 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

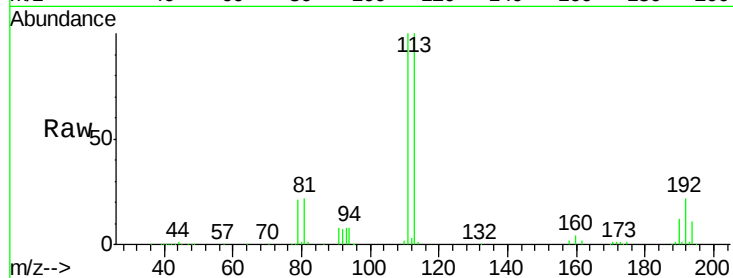
Tot Ion:113 Resp: 116766

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

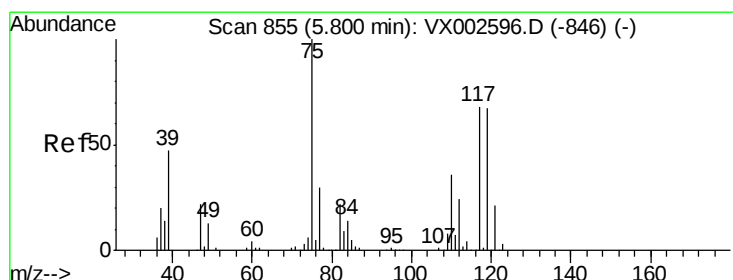
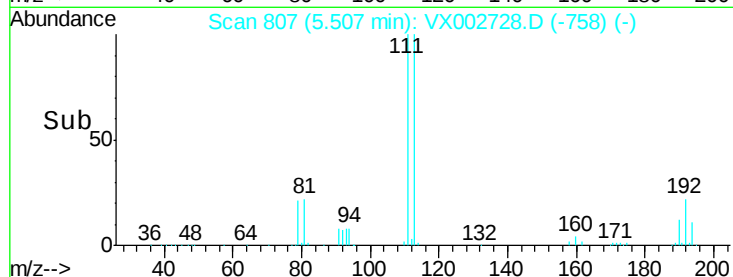
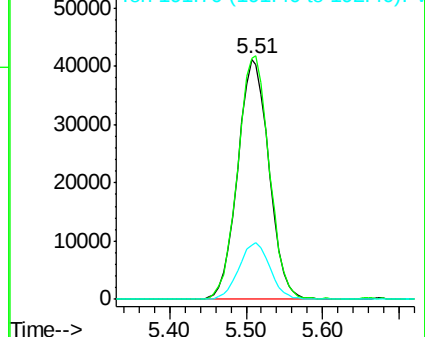
192 23.7 19.1 28.7



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: 4.63 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

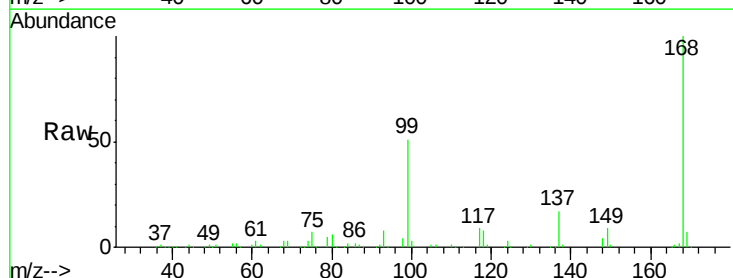
Tgt Ion: 75 Resp: 15148

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

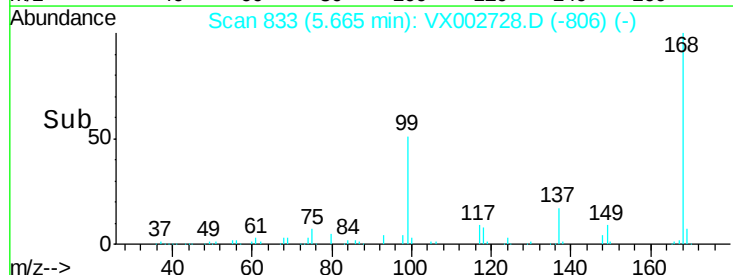
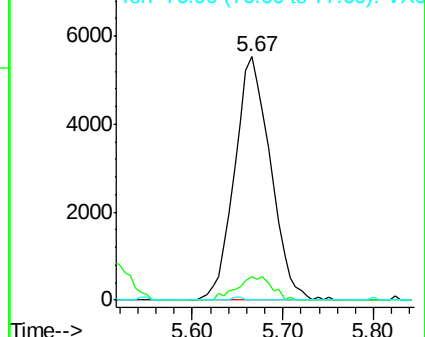
77 0.3 24.3 36.5#

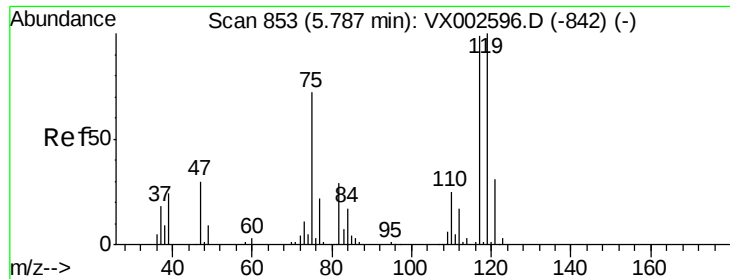


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

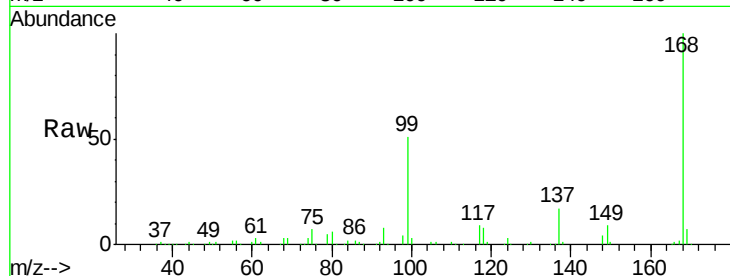




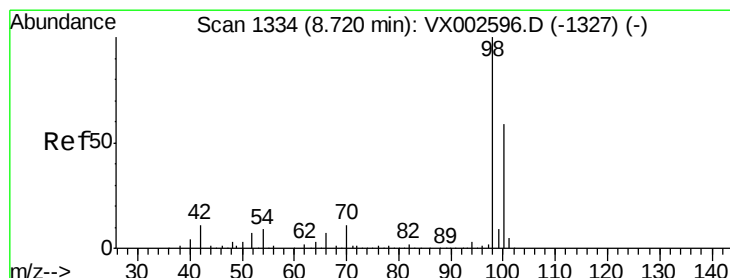
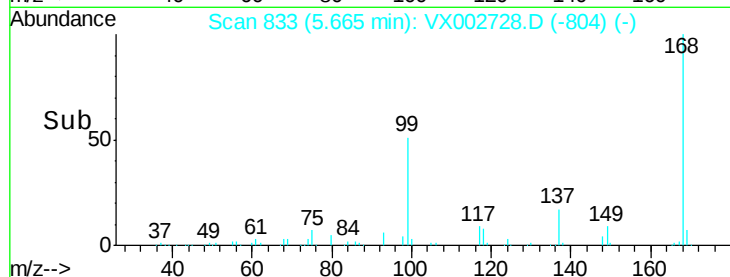
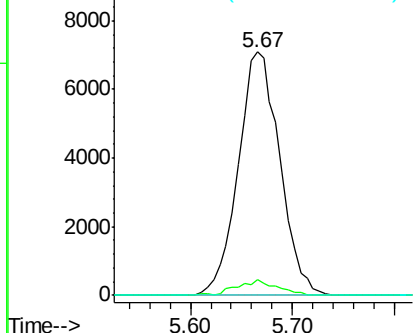
#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 20060
Ion Ratio Lower Upper
117 100
119 6.3 77.4 116.0#
121 0.0 24.4 36.6#

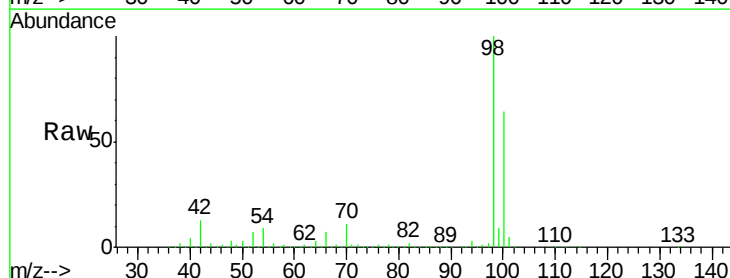


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

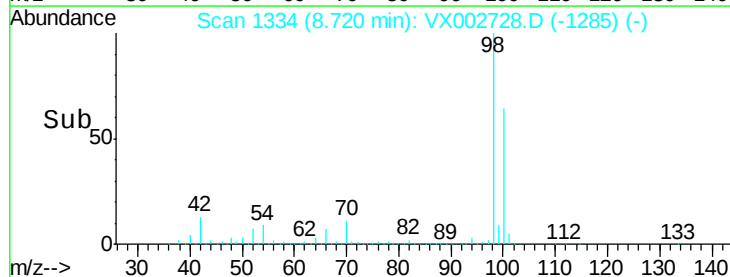
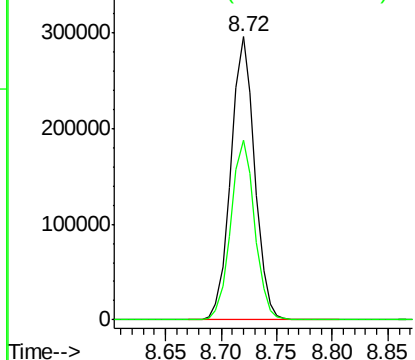


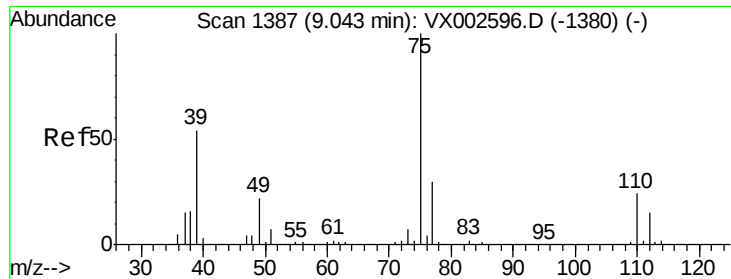
#50
Toluene-d8
Concen: 47.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Tgt Ion: 98 Resp: 439169
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



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



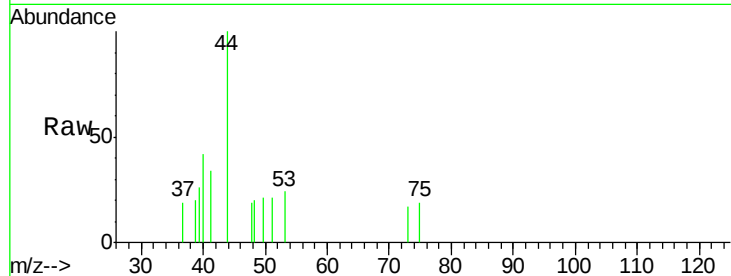


#54

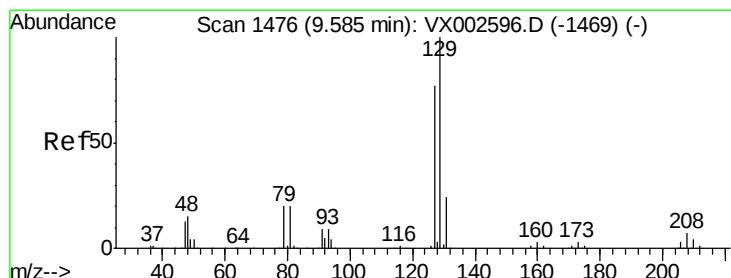
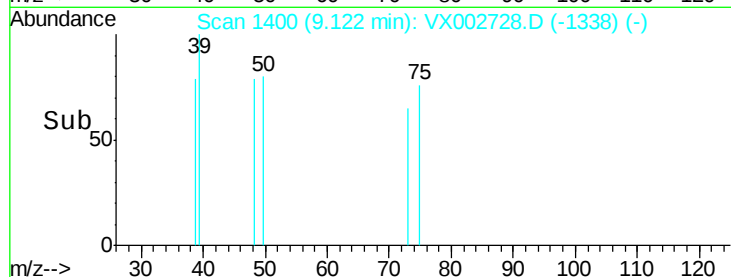
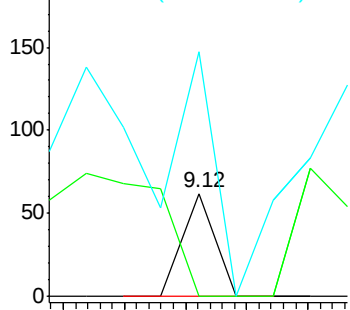
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.12 min Scan# 1400
Delta R.T. 0.08 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 143.5 42.4 63.6#



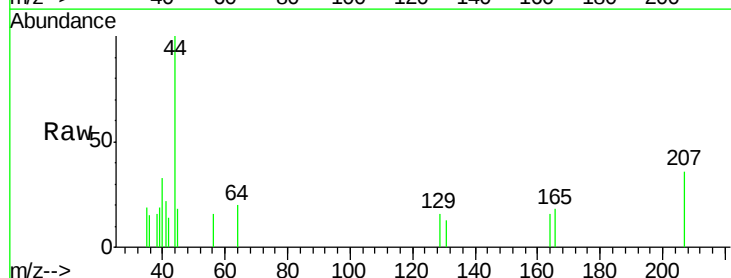
Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0



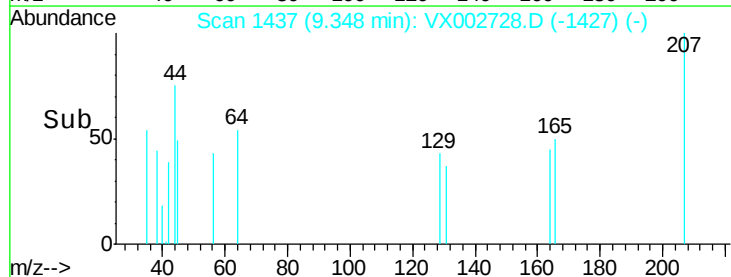
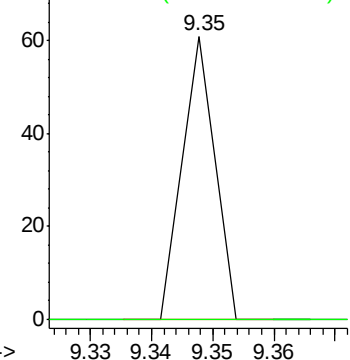
#60

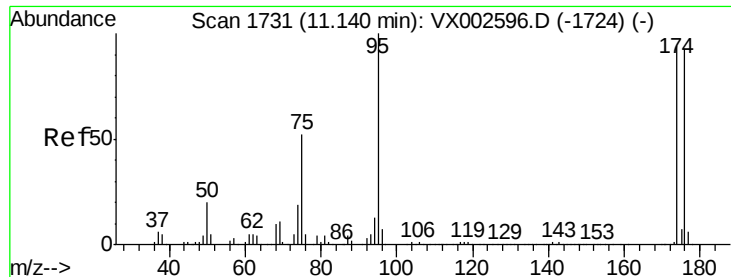
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Tgt Ion:129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



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

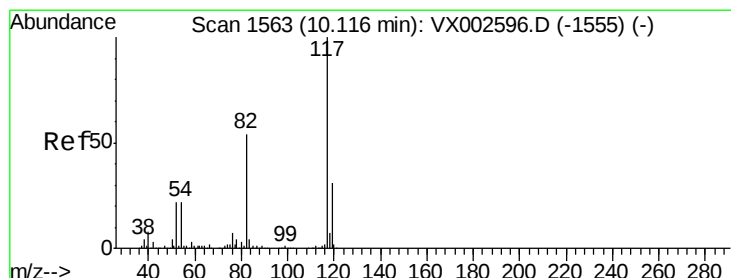
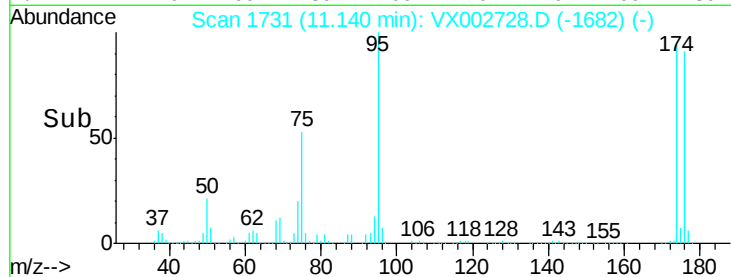
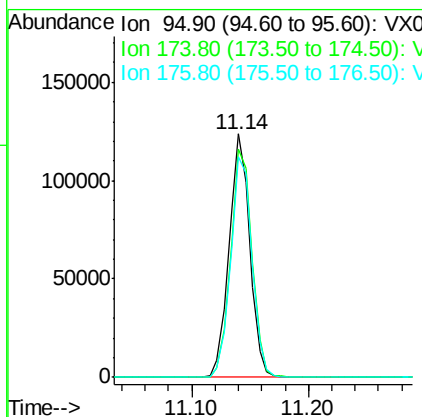
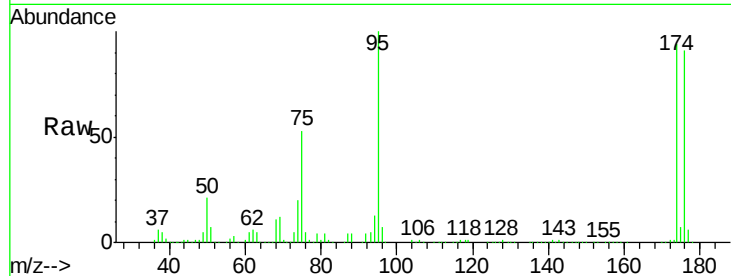




#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

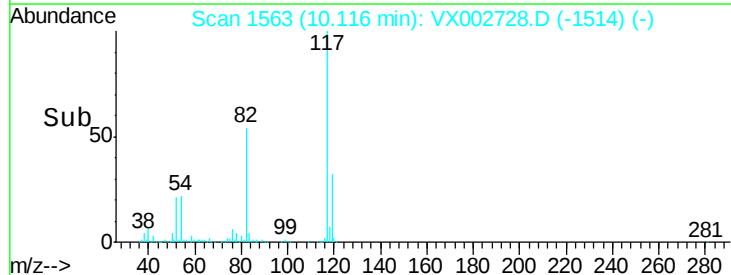
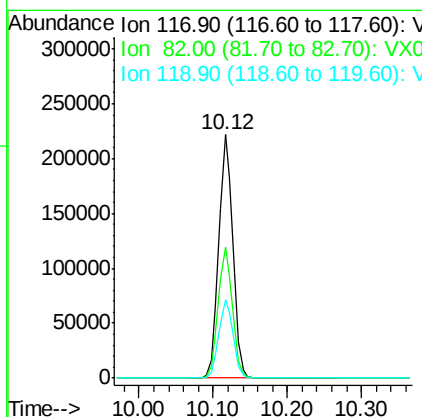
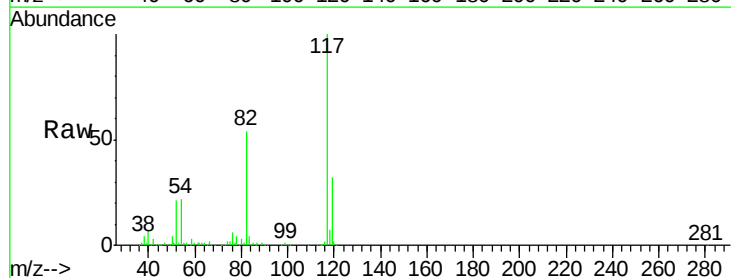
Instrument :
MSVOA_X
ClientSampleId :

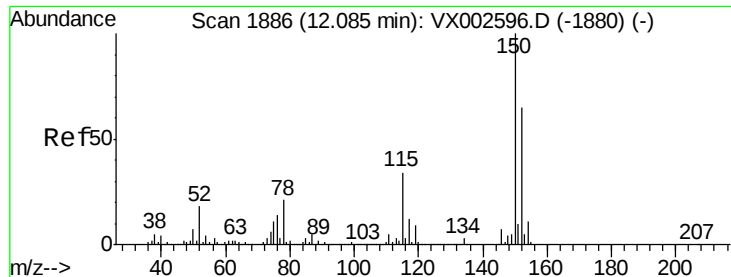
Tot Ion: 95 Resp: 152589
Ion Ratio Lower Upper
95 100
174 97.2 0.0 187.4
176 93.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002728.D
Acq: 19 Jun 2018 22:04

Tgt Ion: 117 Resp: 288066
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

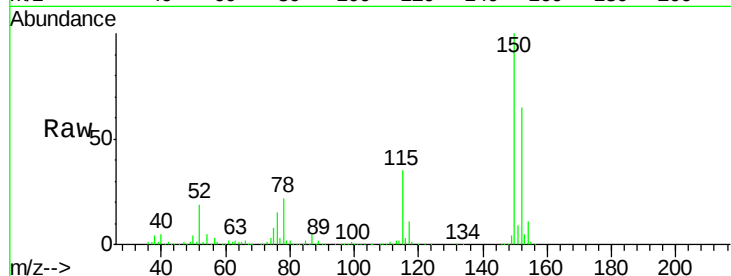
Tot Ion:152 Resp: 161490

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

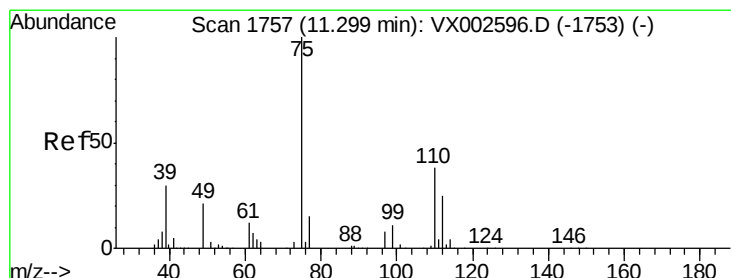
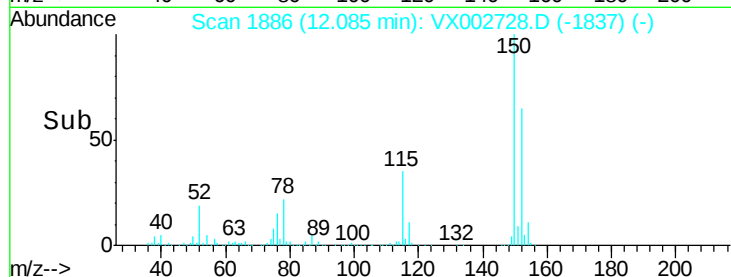
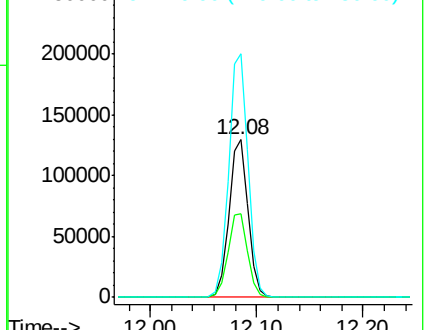
150 156.3 0.0 347.2



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: 26.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002728.D

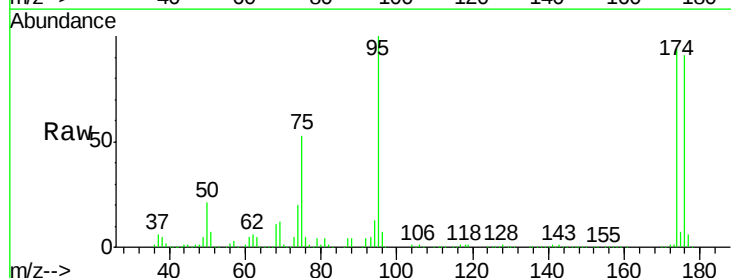
Acq: 19 Jun 2018 22:04

Tgt Ion: 75 Resp: 81588

Ion Ratio Lower Upper

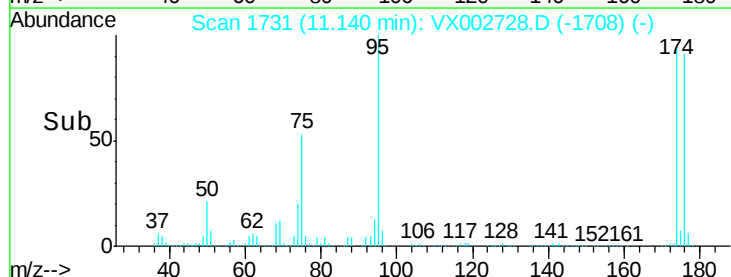
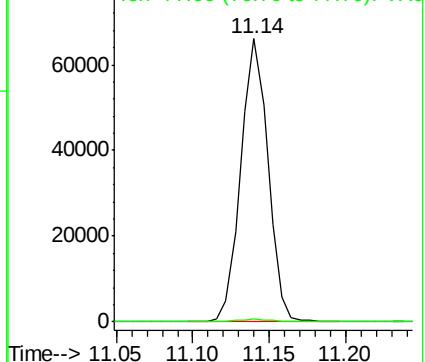
75 100

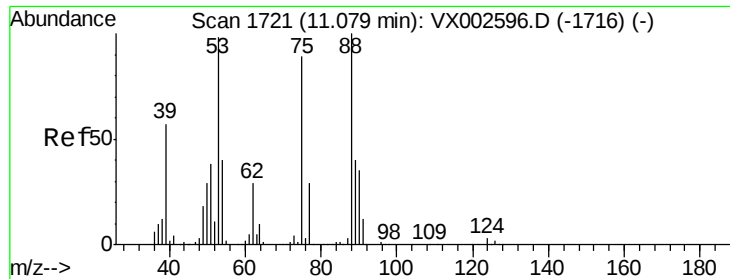
77 1.2 22.8 68.3#



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: 82.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002728.D

Acq: 19 Jun 2018 22:04

Instrument :

MSVOA_X

ClientSampled :

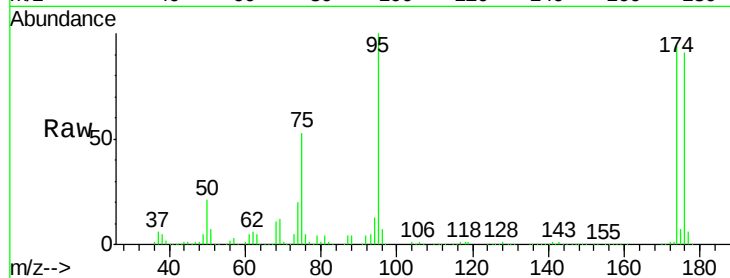
Tot Ion: 75 Resp: 81588

Ion Ratio Lower Upper

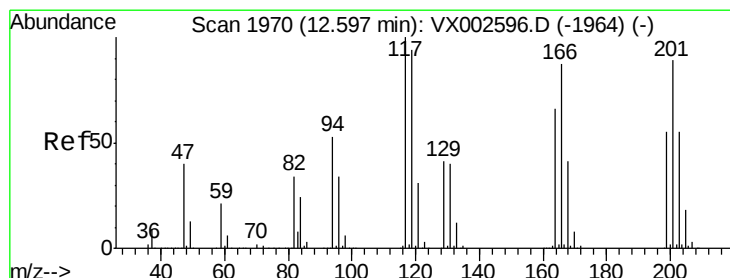
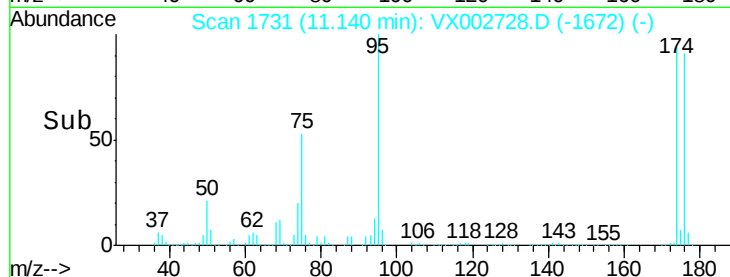
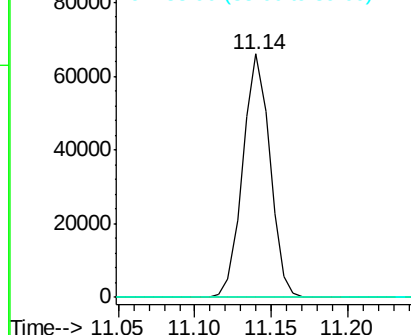
75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



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



#90

Hexachloroethane

Concen: 2.64 ug/l

RT: 12.76 min Scan# 1997

Delta R.T. 0.16 min

Lab File: VX002728.D

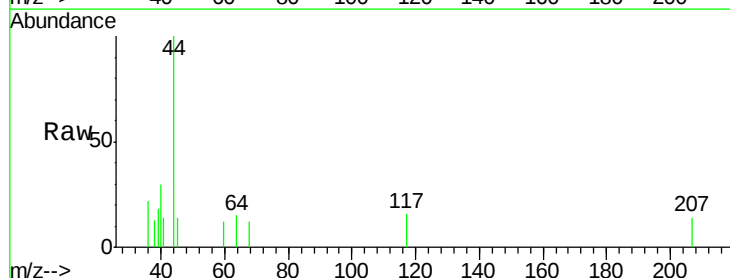
Acq: 19 Jun 2018 22:04

Tgt Ion: 117 Resp: 25

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

