

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011619\
 Data File : VX007074.D
 Acq On : 16 Jan 2019 14:20
 Operator : JC/SP
 Sample : K1148-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-2

Quant Time: Jan 16 23:59:56 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	563338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	888722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	815313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395234	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	304480	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	5.51	113	271231	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	8.71	98	1044207	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	369464	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	

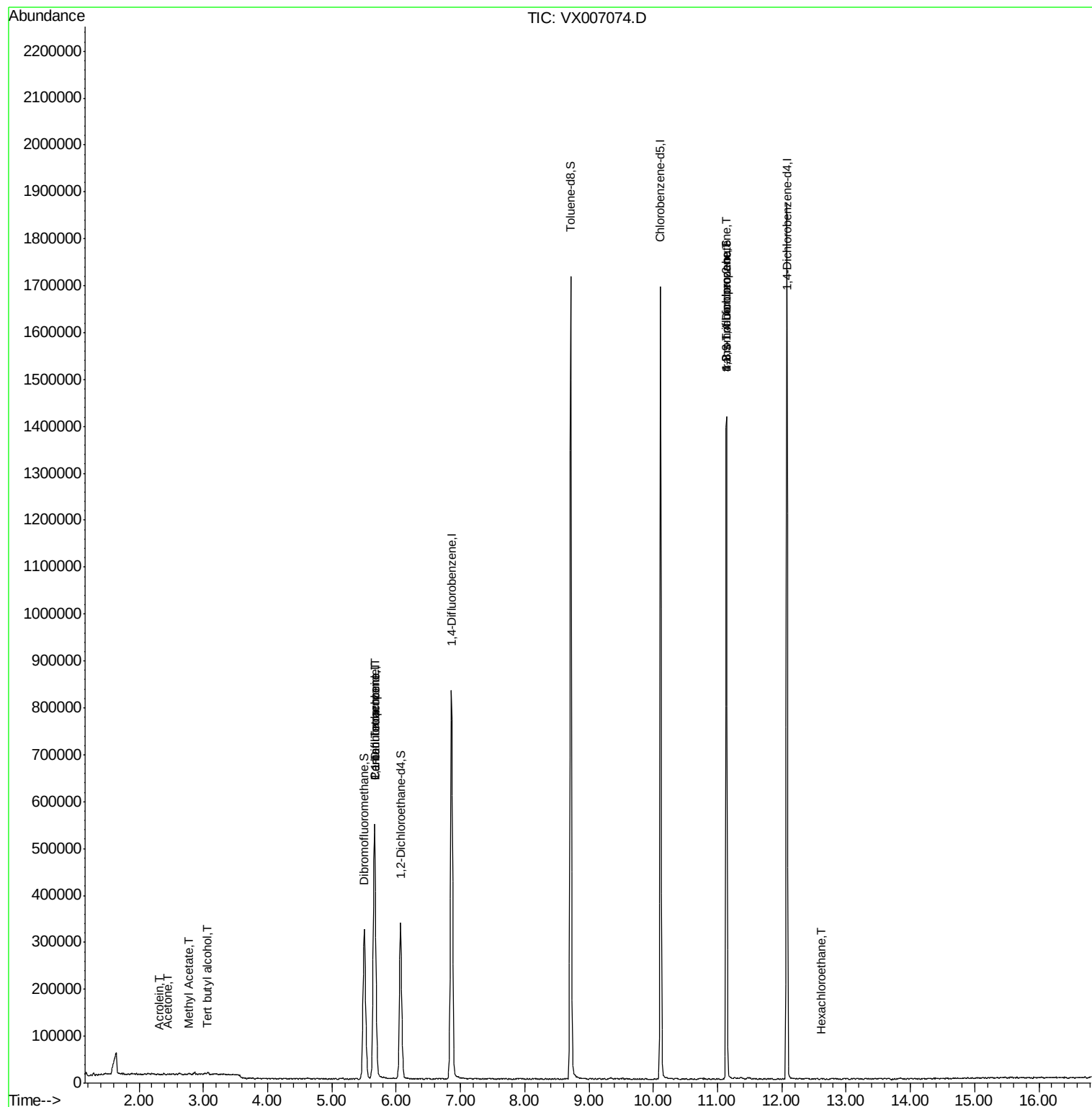
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	3219	2.318	ug/l	97
13) Acrolein	2.32	56	480	3.876	ug/l	91
16) Acetone	2.45	43	2091	0.718	ug/l	93
18) Methyl Acetate	2.78	43	3357	0.398	ug/l	92
20) Methylene Chloride	2.86	84	2660	Below Cal	#	80
36) 1,1-Dichloropropene	5.67	75	36721	4.752	ug/l #	48
38) Carbon Tetrachloride	5.67	117	51356	6.606	ug/l #	14
49) 1,4-Dioxane	7.74	88	26	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	177213	22.126	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	177213	65.504	ug/l #	10
90) Hexachloroethane	12.62	117	33	2.916	ug/l #	6

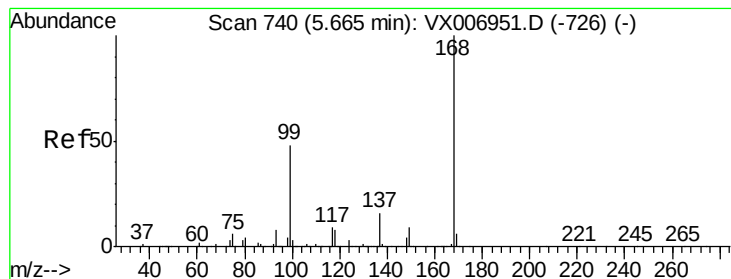
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011619\
Data File : VX007074.D
Acq On : 16 Jan 2019 14:20
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Instrument :
MSVOA_X
ClientSampled :
T-2

Quant Time: Jan 16 23:59:56 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: VX007074.D

Acq: 16 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

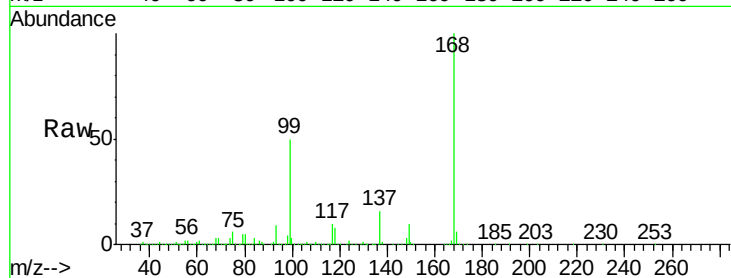
T-2

Tot Ion:168 Resp: 563338

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

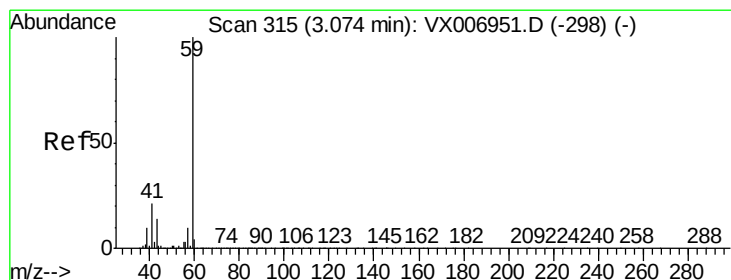
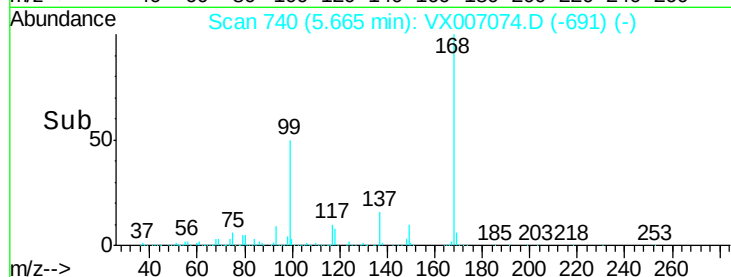
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.318 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX007074.D

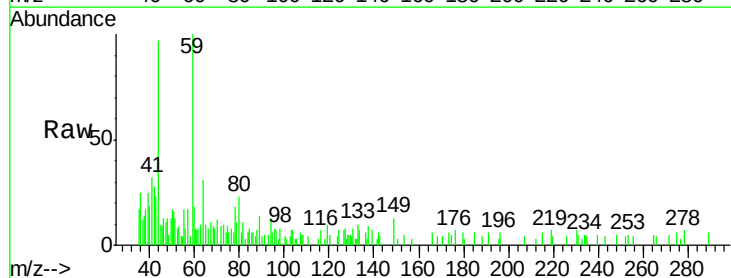
Acq: 16 Jan 2019 14:20

Tgt Ion: 59 Resp: 3219

Ion Ratio Lower Upper

59 100

57 11.9 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

2000

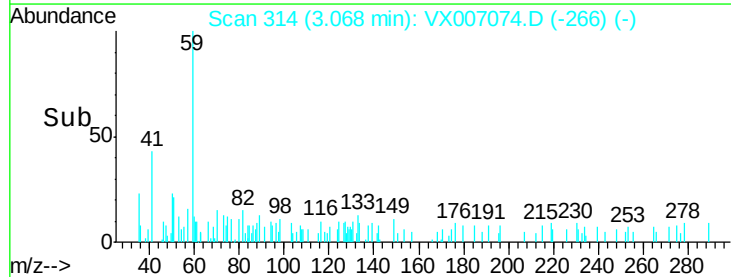
1500

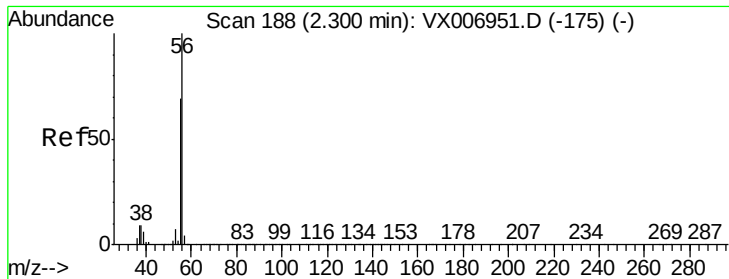
1000

500

0

Time--> 3.00 3.05 3.10 3.15





#13

Acrolein

Concen: 3.876 ug/l

RT: 2.32 min Scan# 192

Delta R.T. 0.02 min

Lab File: VX007074.D

Acq: 16 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

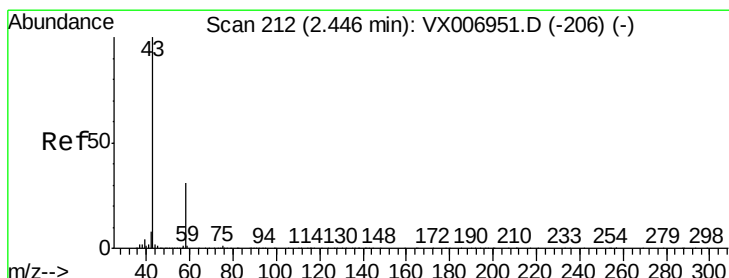
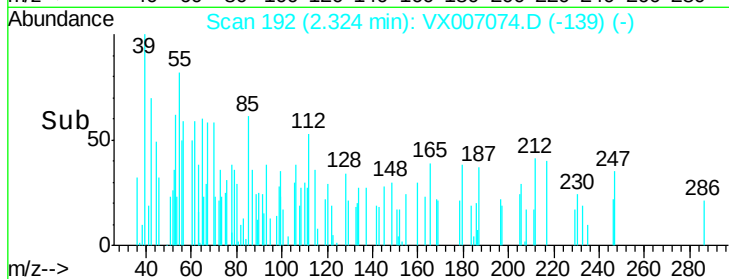
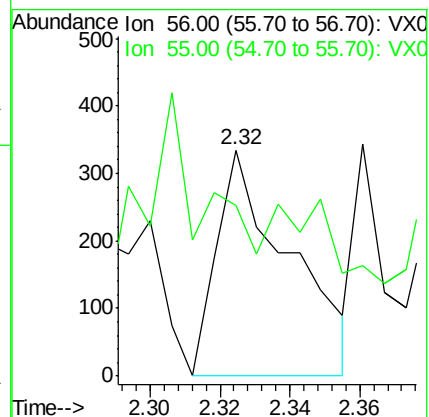
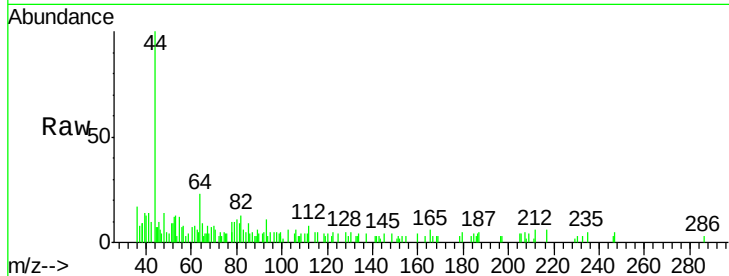
T-2

Tot Ion: 56 Resp: 480

Ion Ratio Lower Upper

56 100

55 80.2 58.2 87.4



#16

Acetone

Concen: 0.718 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007074.D

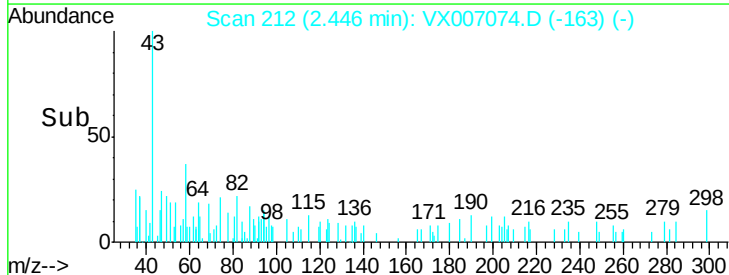
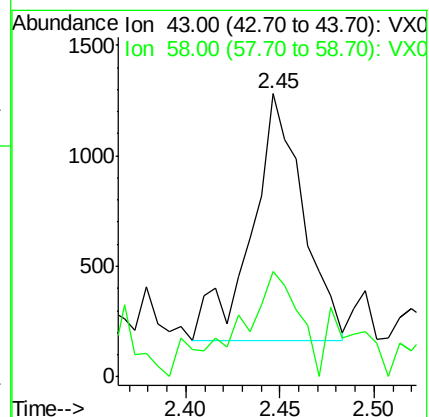
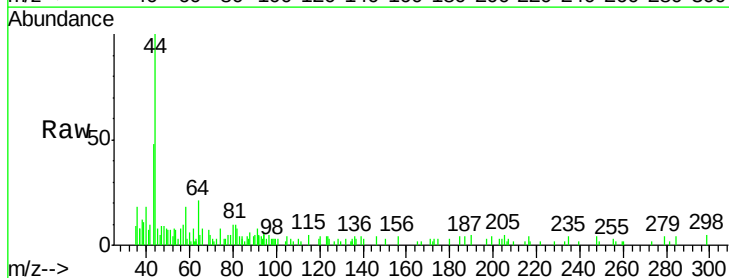
Acq: 16 Jan 2019 14:20

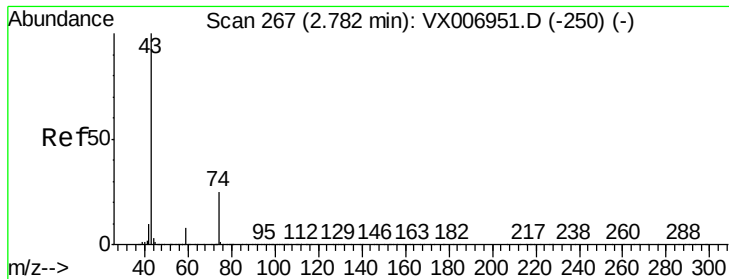
Tgt Ion: 43 Resp: 2091

Ion Ratio Lower Upper

43 100

58 27.4 25.0 37.6

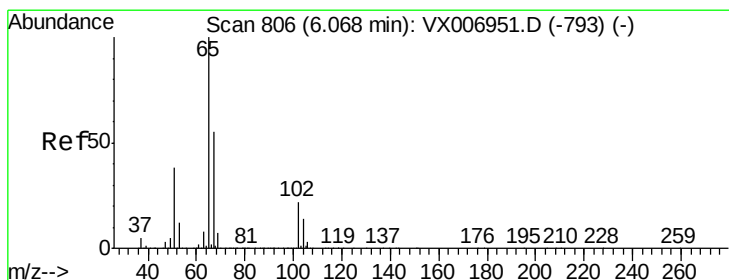
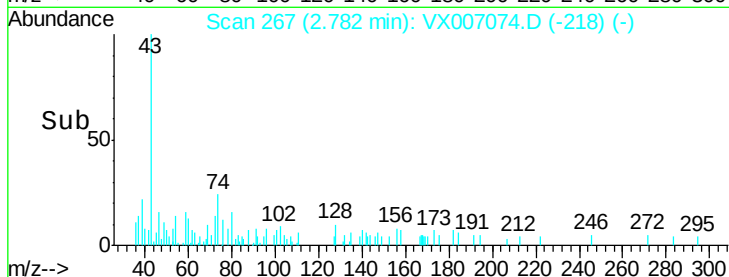
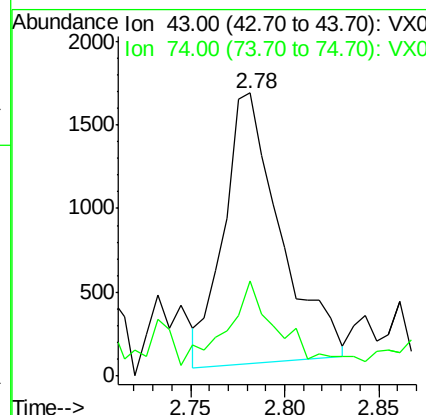
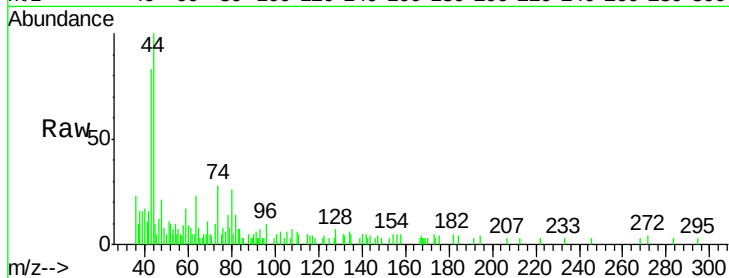




#18
Methyl Acetate
Concen: 0.398 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007074.D
Acq: 16 Jan 2019 14:20

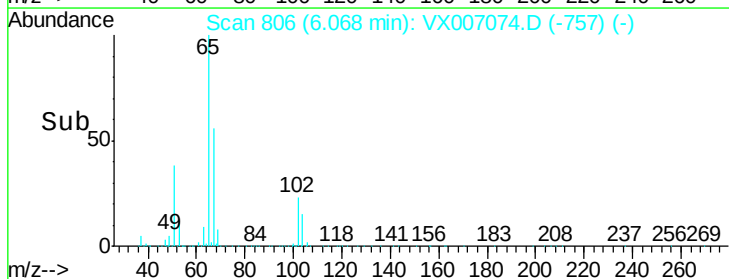
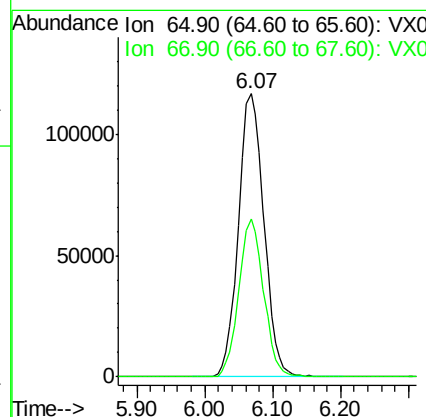
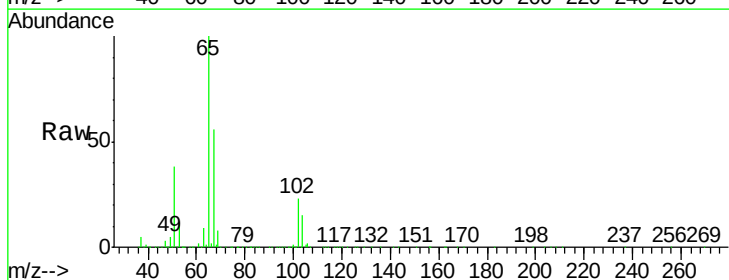
Instrument :
MSVOA_X
ClientSampled :
T-2

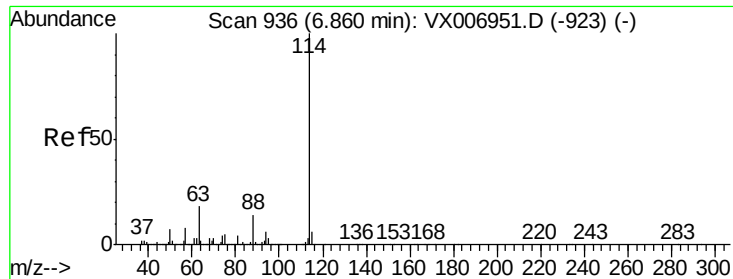
Tot Ion: 43 Resp: 3357
Ion Ratio Lower Upper
43 100
74 27.2 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 51.718 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007074.D
Acq: 16 Jan 2019 14:20

Tgt Ion: 65 Resp: 304480
Ion Ratio Lower Upper
65 100
67 54.2 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: VX007074.D

Acq: 16 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

T-2

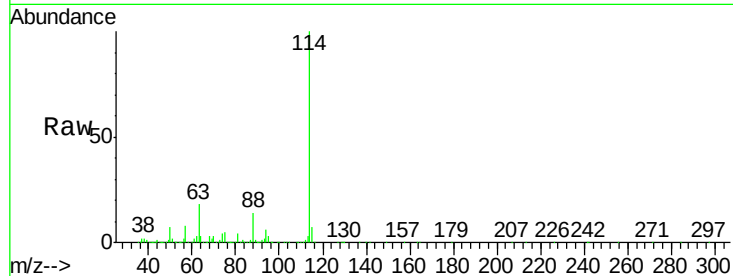
Tot Ion:114 Resp: 888722

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

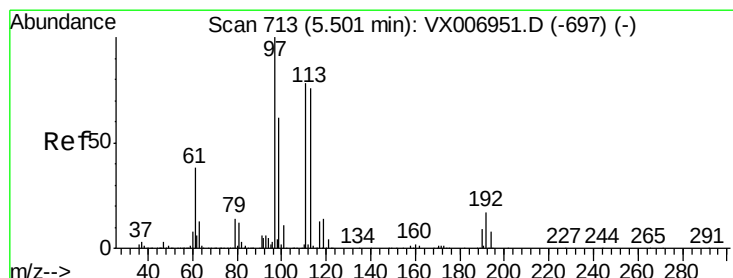
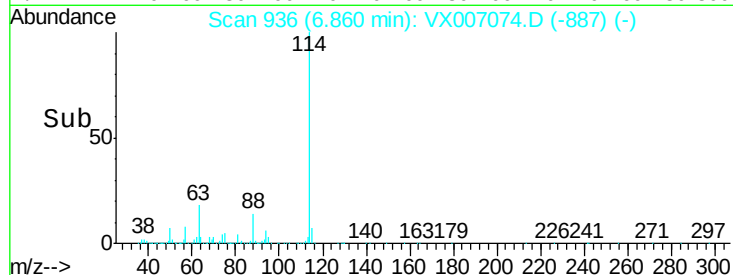
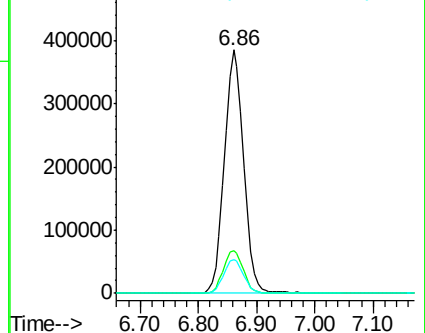
88 13.8 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 47.657 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007074.D

Acq: 16 Jan 2019 14:20

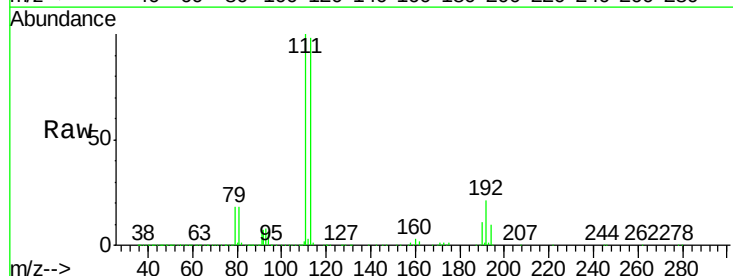
Tgt Ion:113 Resp: 271231

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

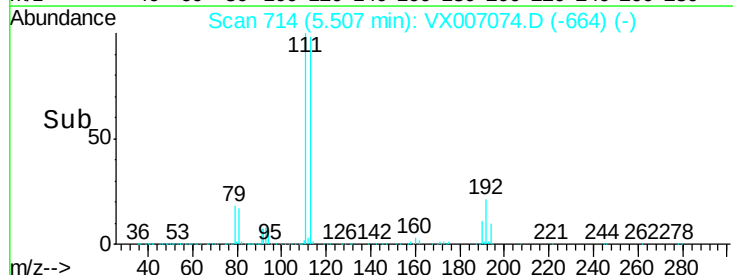
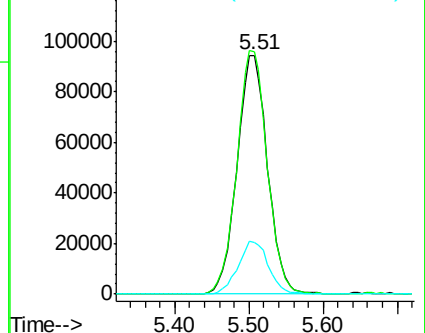
192 22.0 16.7 25.1

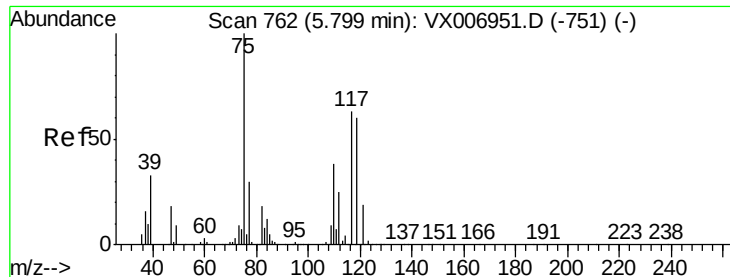


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.752 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007074.D

Acq: 16 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

T-2

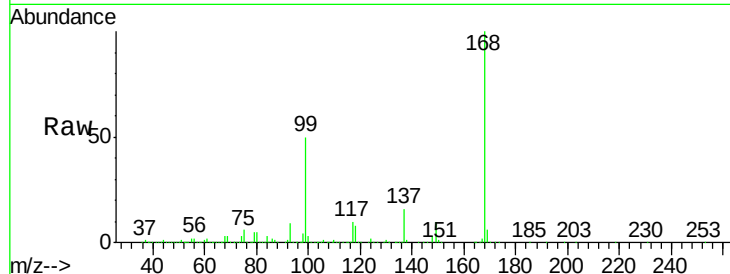
Tot Ion: 75 Resp: 36721

Ion Ratio Lower Upper

75 100

110 9.7 20.2 60.5#

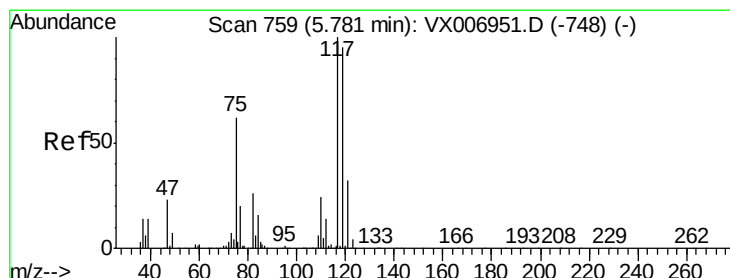
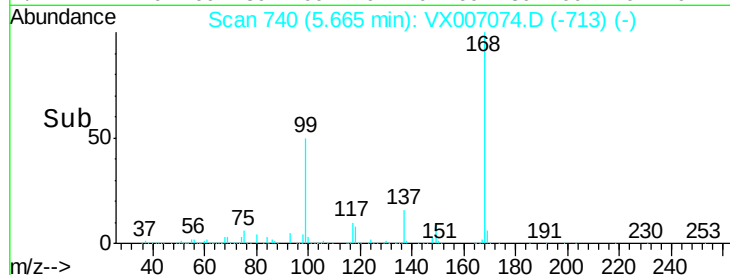
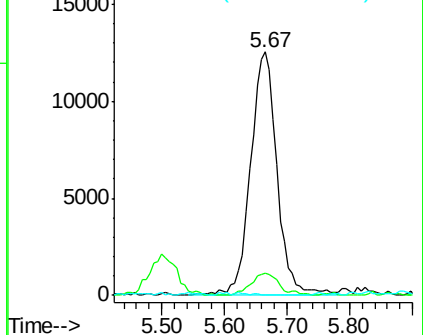
77 0.2 24.8 37.2#



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: 6.606 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007074.D

Acq: 16 Jan 2019 14:20

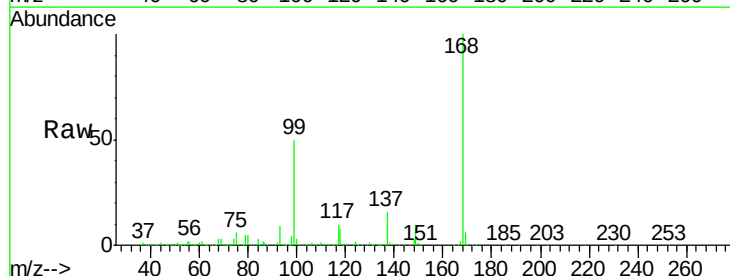
Tgt Ion: 117 Resp: 51356

Ion Ratio Lower Upper

117 100

119 4.7 79.4 119.2#

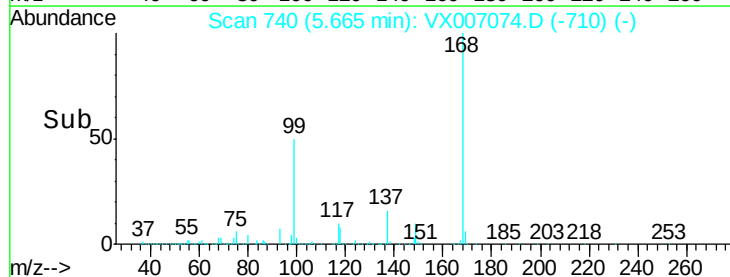
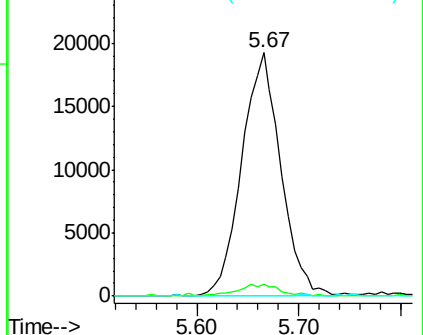
121 0.0 24.0 36.0#

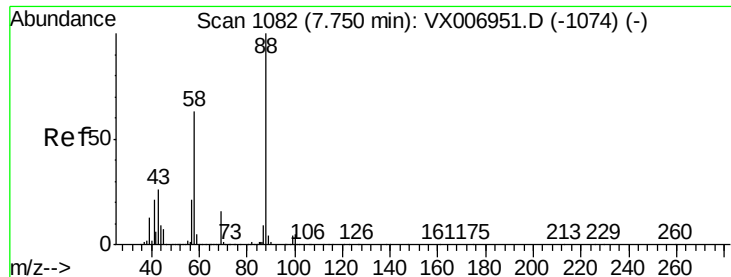


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

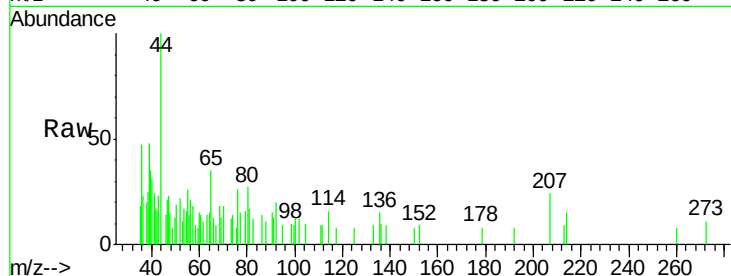




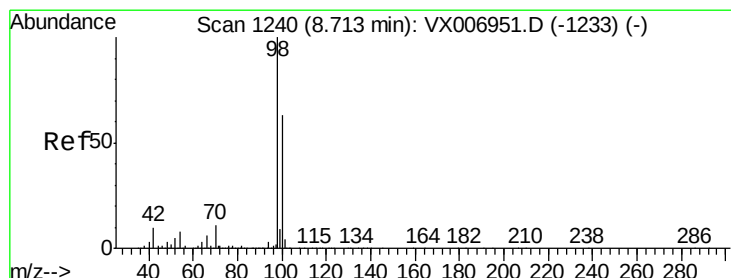
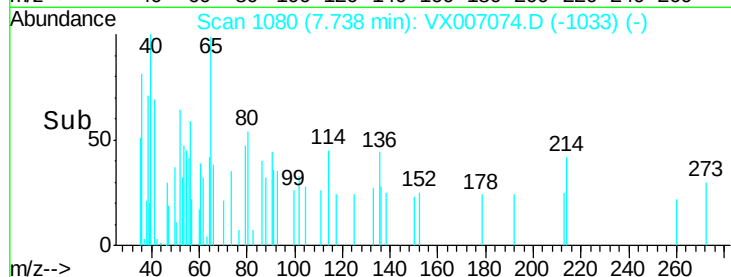
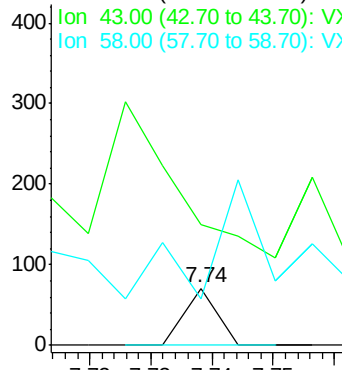
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX007074.D
Acq: 16 Jan 2019 14:20

Instrument :
MSVOA_X
ClientSampled :
T-2

Tot Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 1934.6 22.2 33.4#
58 953.8 51.0 76.4#

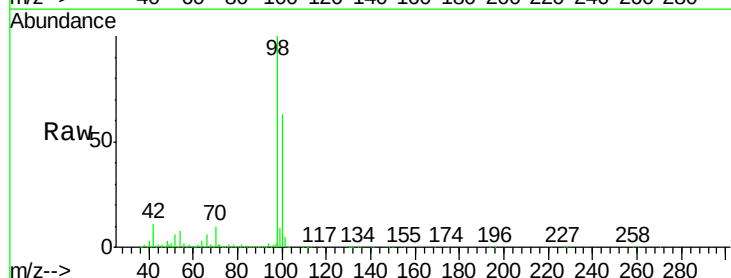


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

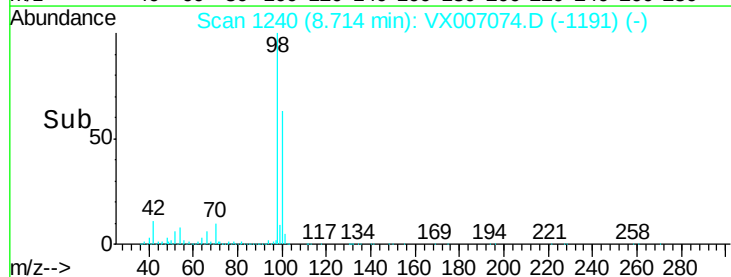
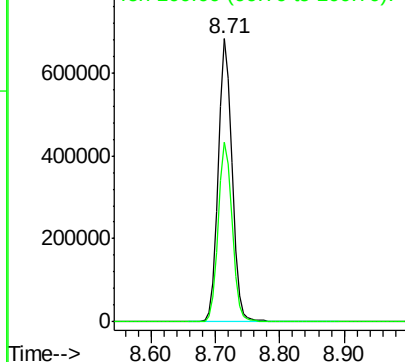


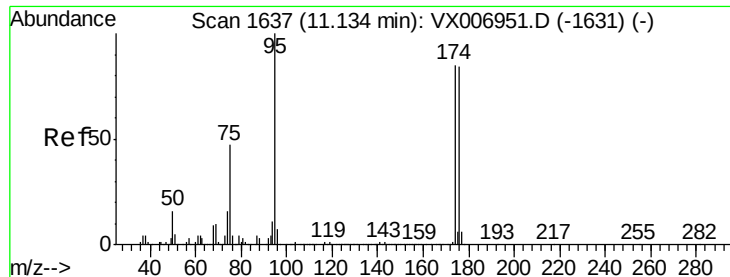
#50
Toluene-d8
Concen: 50.125 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007074.D
Acq: 16 Jan 2019 14:20

Tgt Ion: 98 Resp: 1044207
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



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





#62

4-Bromofluorobenzene

Concen: 50.873 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007074.D

Acq: 16 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampleId :

T-2

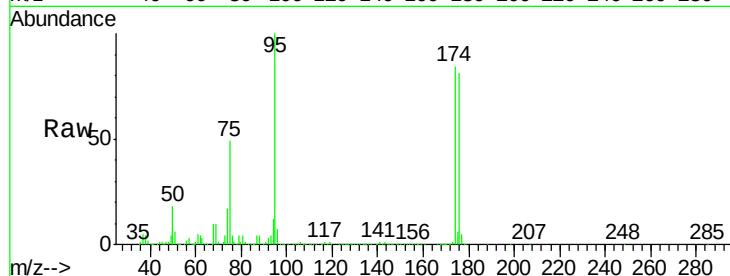
Tot Ion: 95 Resp: 369464

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.2

176 89.1 0.0 178.8

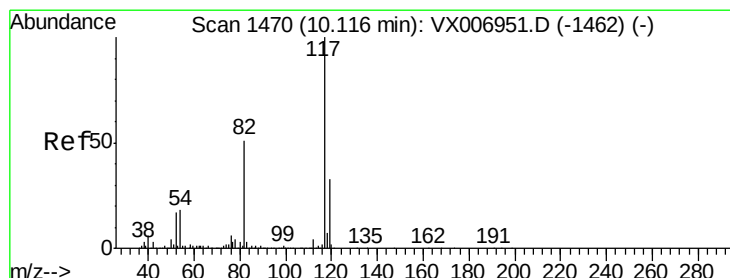
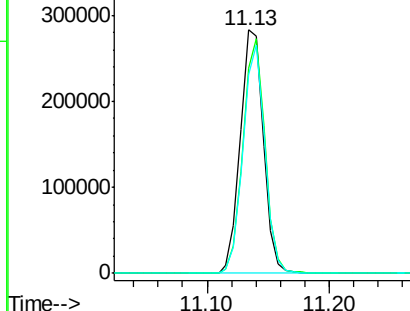
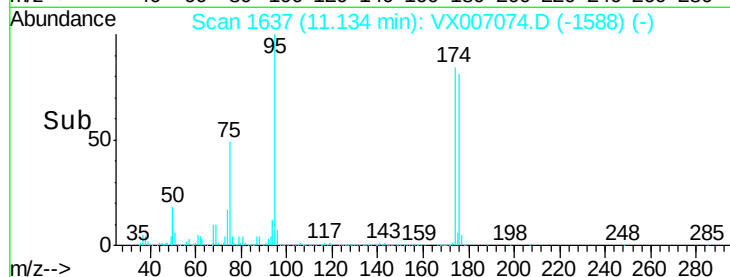


Abundance Ion 94.90 (94.60 to 95.60): VX007074.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007074.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007074.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007074.D

Acq: 16 Jan 2019 14:20

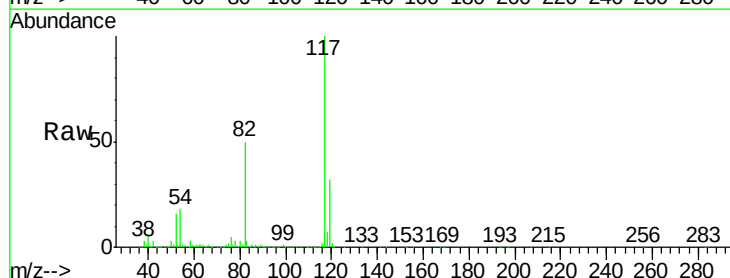
Tgt Ion: 117 Resp: 815313

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.6

119 32.2 25.4 38.0

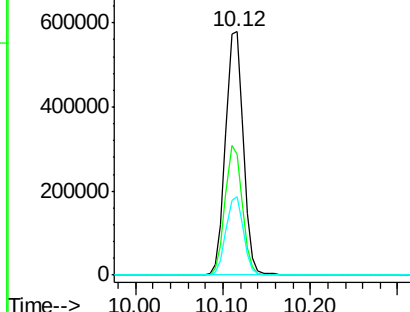
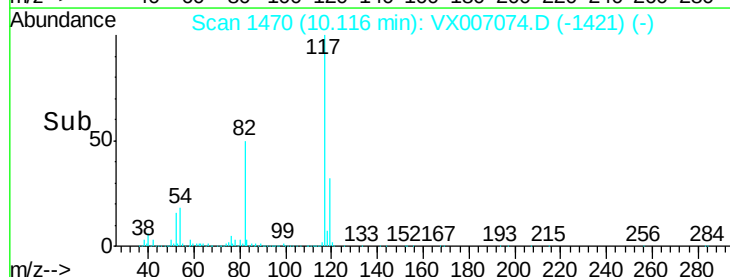


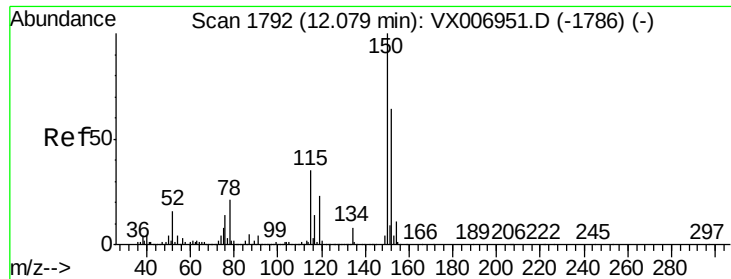
Abundance Ion 116.90 (116.60 to 117.60): VX007074.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX007074.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX007074.D (-1421) (-)

Time-->



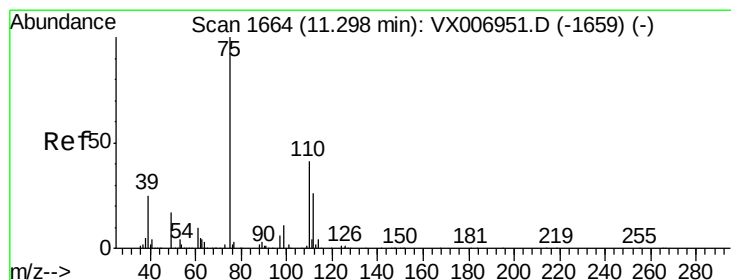
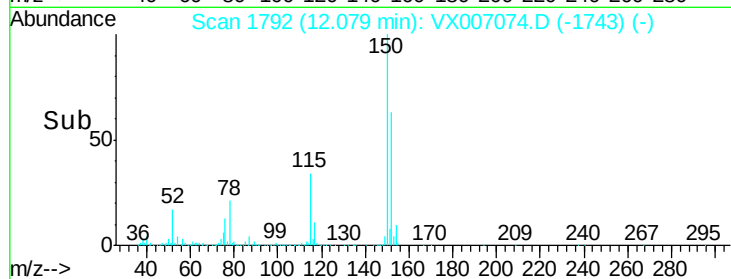
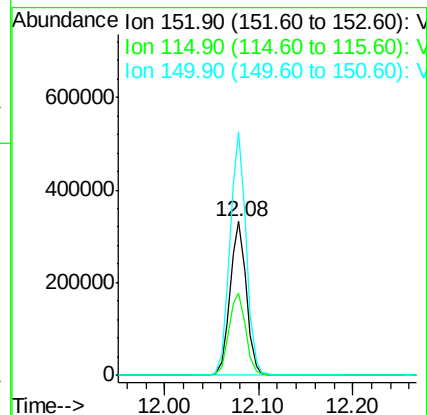
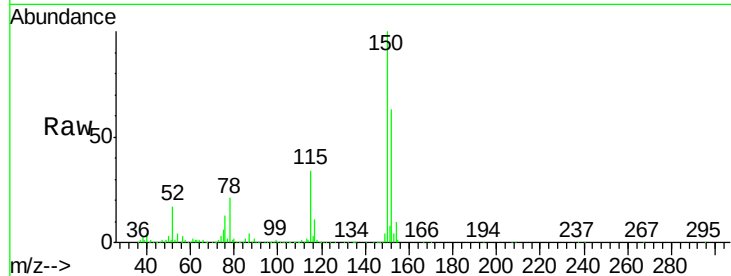


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007074.D
Acq: 16 Jan 2019 14:20

Instrument :
MSVOA_X
ClientSampleId :
T-2

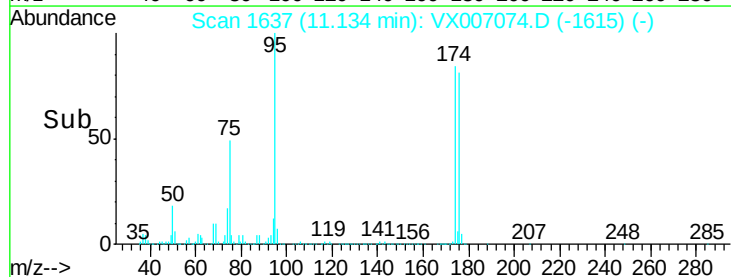
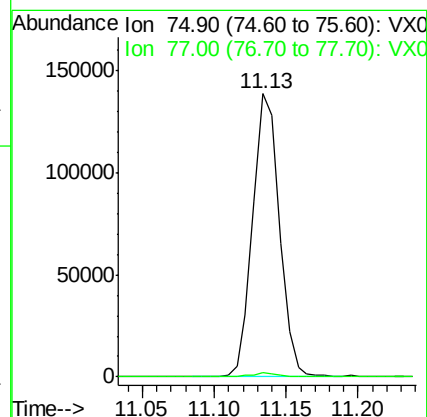
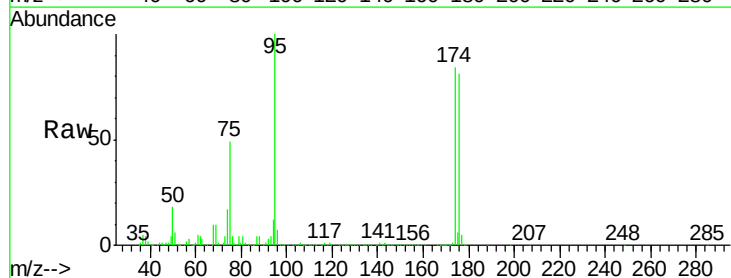
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.1	117.2
150	157.5	0.0	344.8

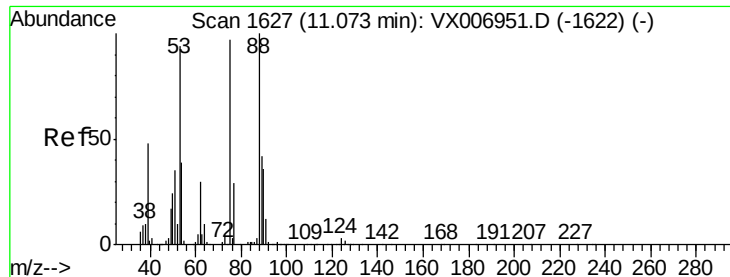


#76

1,2,3-Trichloropropane
Concen: 22.126 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007074.D
Acq: 16 Jan 2019 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.5	55.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 65.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007074.D

Acq: 16 Jan 2019 14:20

Instrument :

MSVOA_X

ClientSampled :

T-2

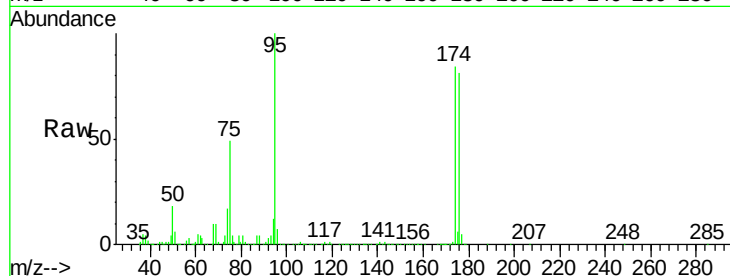
Tot Ion: 75 Resp: 177213

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

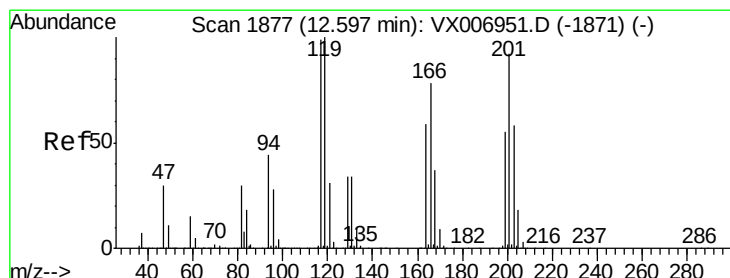
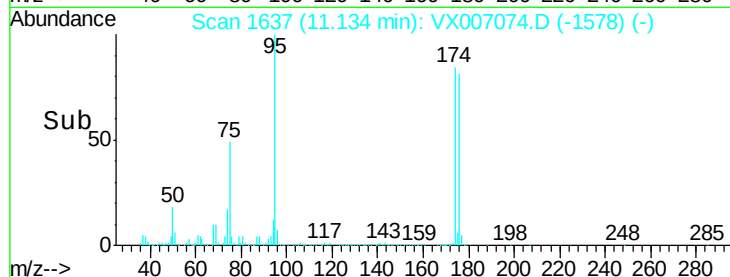
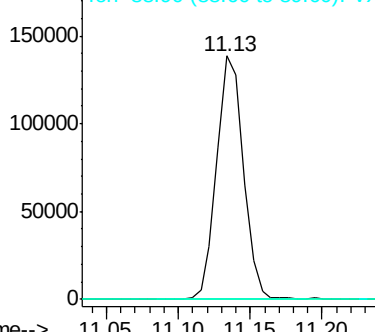
89 0.0 38.0 57.0#



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: 2.916 ug/l

RT: 12.62 min Scan# 1880

Delta R.T. 0.02 min

Lab File: VX007074.D

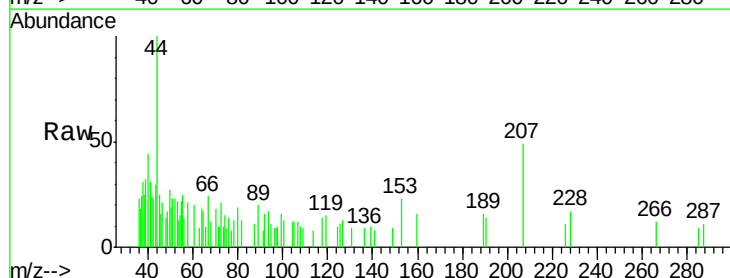
Acq: 16 Jan 2019 14:20

Tgt Ion: 117 Resp: 33

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

