

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030719\
 Data File : VX007905.D
 Acq On : 08 Mar 2019 01:37
 Operator : JC/SP
 Sample : K1753-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z-2-6

Quant Time: Mar 08 08:00:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

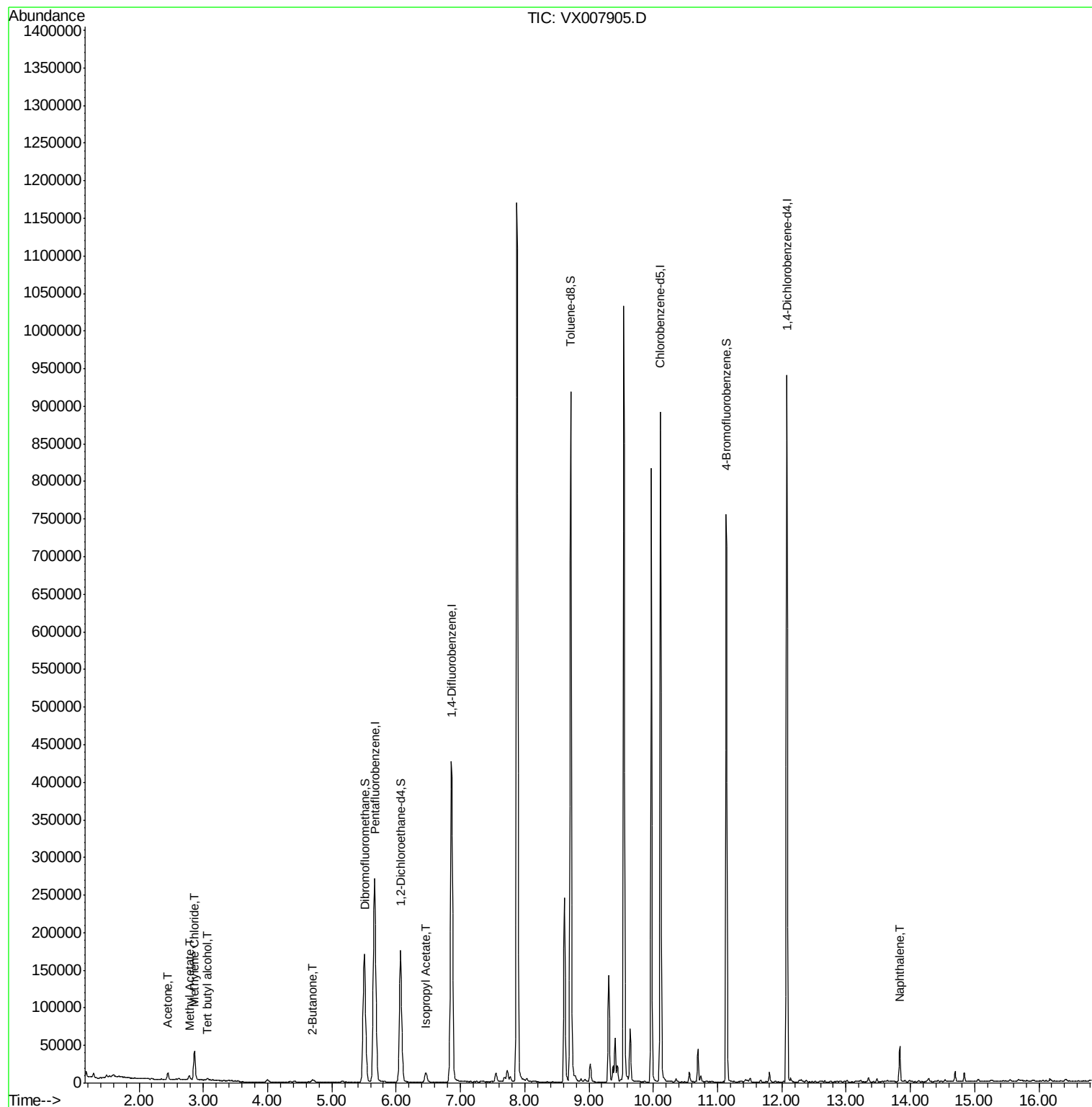
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159510	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	5.50	113	147591	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	8.71	98	556053	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.13	95	201681	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	2414	3.551	ug/l	99
16) Acetone	2.45	43	9706	5.516	ug/l	99
18) Methyl Acetate	2.78	43	7843	2.098	ug/l	97
20) Methylene Chloride	2.86	84	17896	6.390	ug/l	95
25) 2-Butanone	4.70	43	6380	2.561	ug/l	99
43) Isopropyl Acetate	6.46	43	17079	2.383	ug/l	99
95) Naphthalene	13.83	128	29628	2.164	ug/l	100

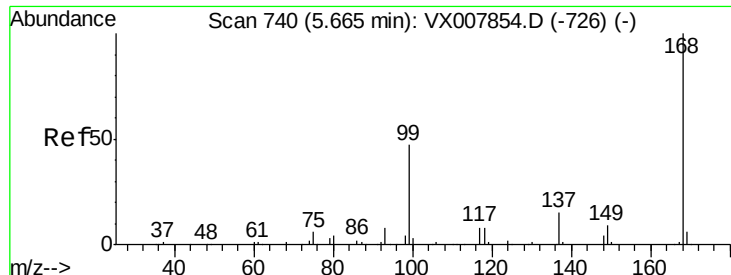
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 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: VX007905.D

Acq: 08 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

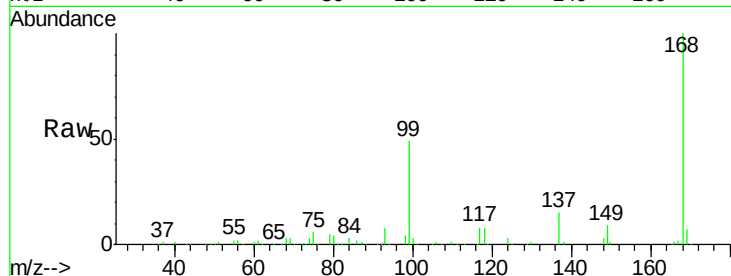
Z-2-6

Tot Ion:168 Resp: 288190

Ion Ratio Lower Upper

168 100

99 49.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

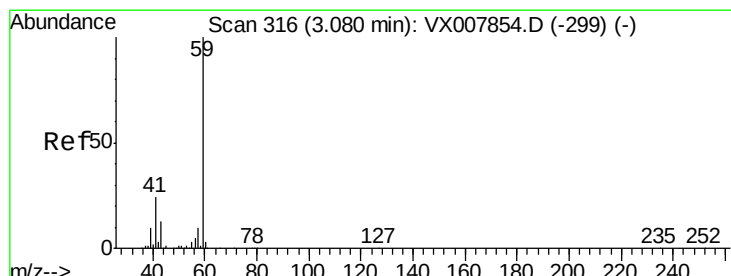
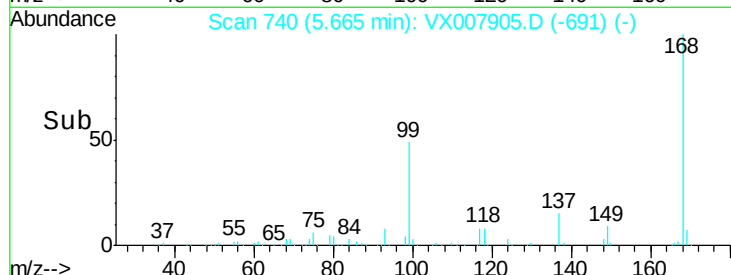
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#11

Tert butyl alcohol

Concen: 3.551 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX007905.D

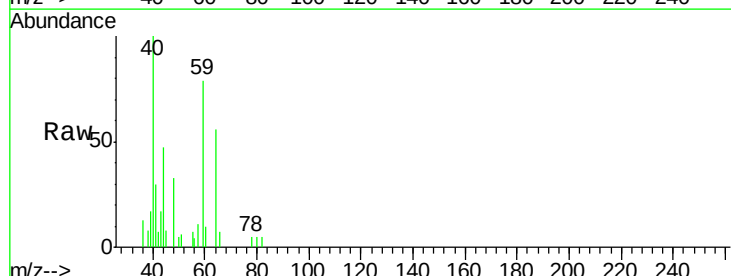
Acq: 08 Mar 2019 01:37

Tgt Ion: 59 Resp: 2414

Ion Ratio Lower Upper

59 100

57 9.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

1200

1000

800

600

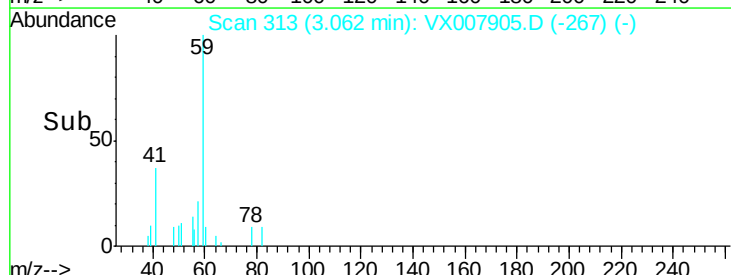
400

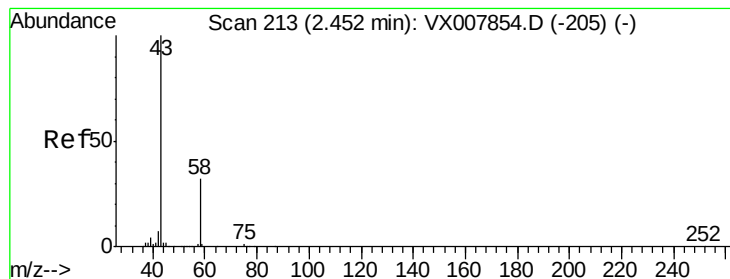
200

0

Time-->

2.95 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 5.516 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007905.D

Acq: 08 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

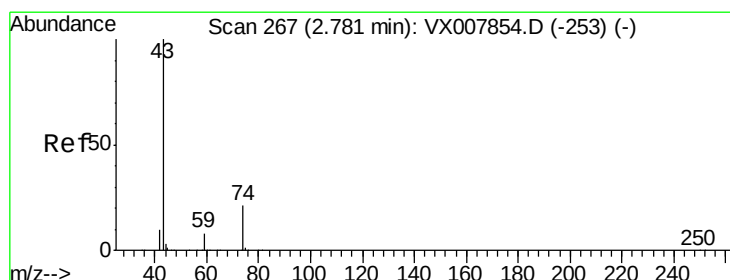
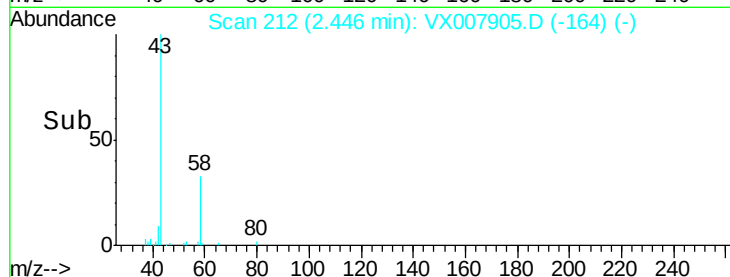
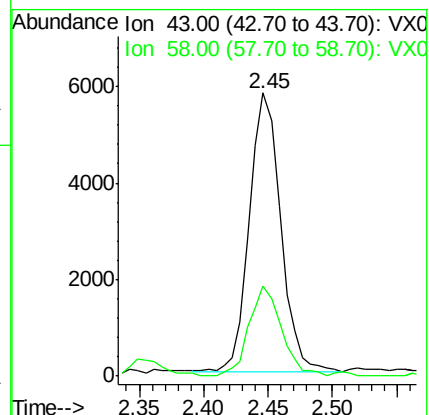
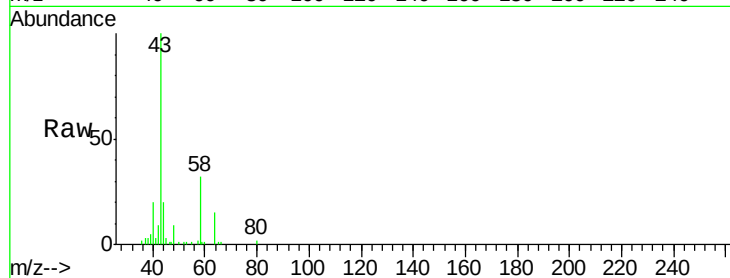
Z-2-6

Tot Ion: 43 Resp: 9706

Ion Ratio Lower Upper

43 100

58 31.5 25.5 38.3



#18

Methyl Acetate

Concen: 2.098 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007905.D

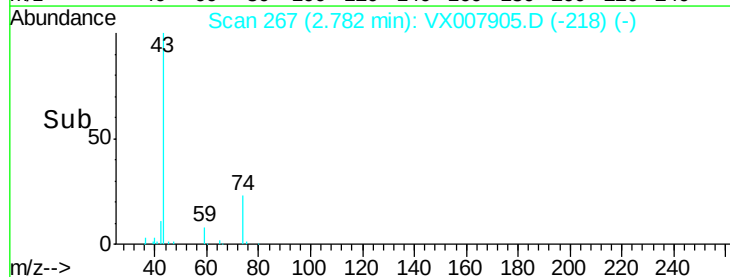
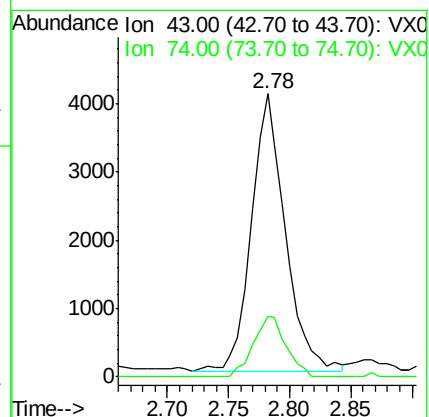
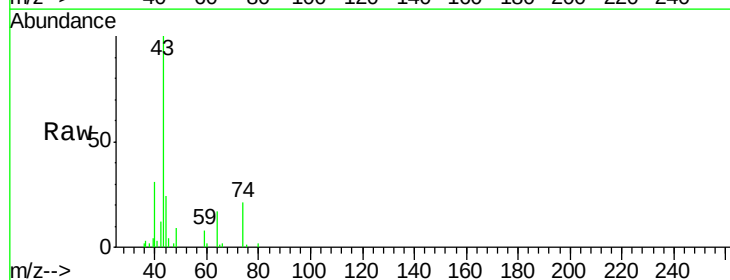
Acq: 08 Mar 2019 01:37

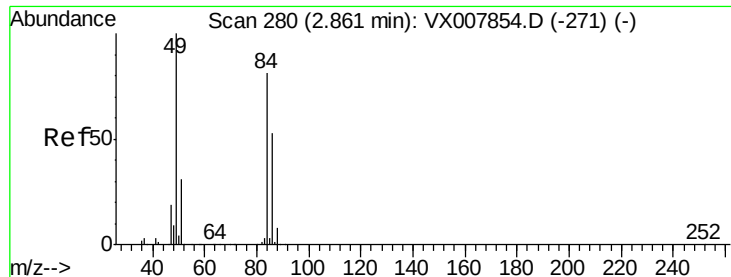
Tgt Ion: 43 Resp: 7843

Ion Ratio Lower Upper

43 100

74 20.9 17.8 26.6

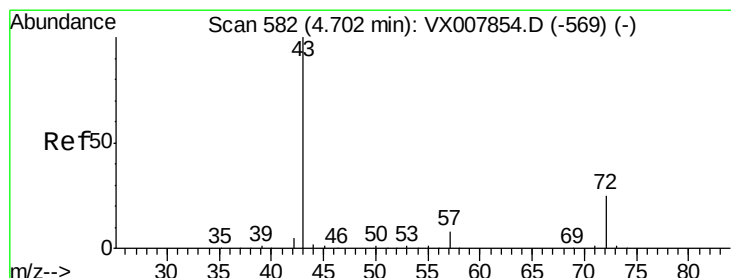
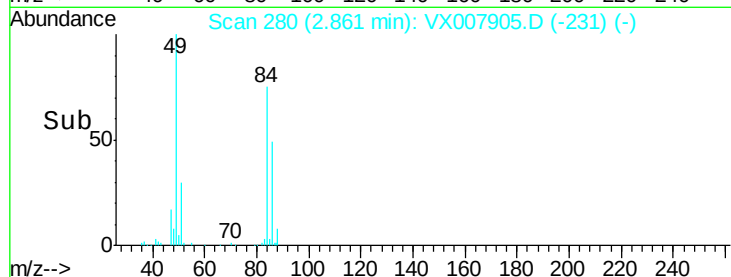
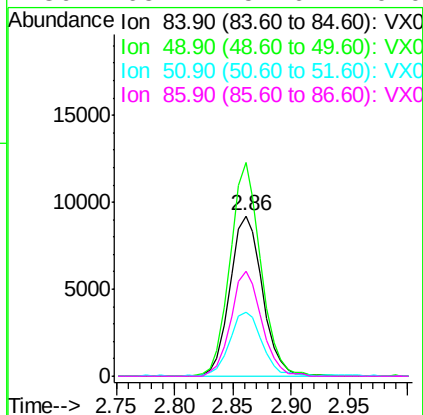
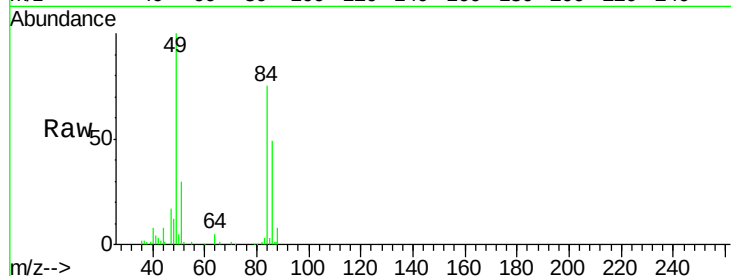




#20
Methylene Chloride
Concen: 6.390 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007905.D
Acq: 08 Mar 2019 01:37

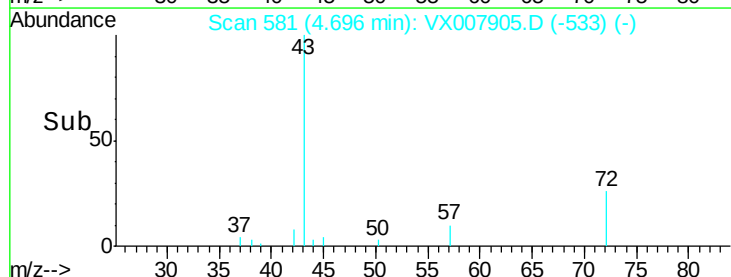
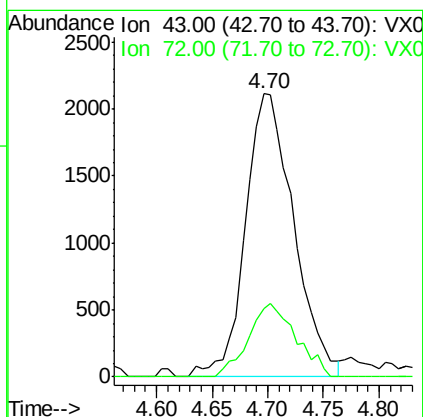
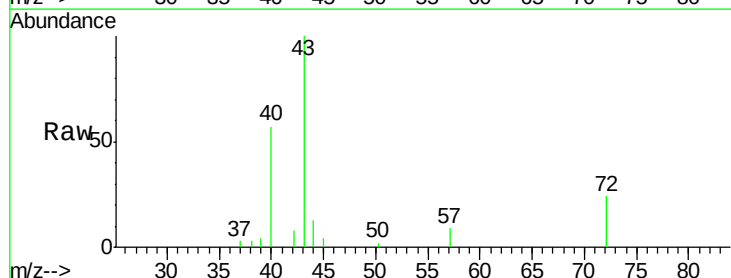
Instrument :
MSVOA_X
ClientSampled :
Z-2-6

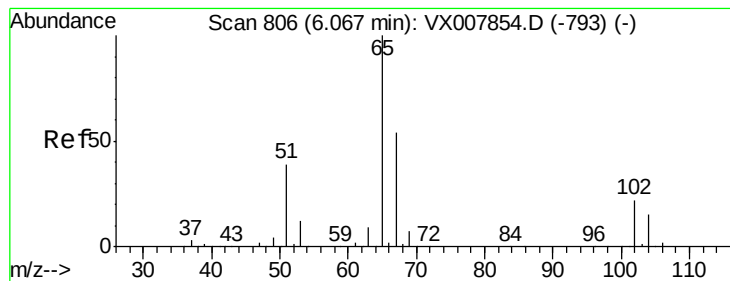
Tot Ion: 84 Resp: 17896
Ion Ratio Lower Upper
84 100
49 133.3 99.3 148.9
51 39.7 31.3 46.9
86 65.2 52.6 79.0



#25
2-Butanone
Concen: 2.561 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007905.D
Acq: 08 Mar 2019 01:37

Tgt Ion: 43 Resp: 6380
Ion Ratio Lower Upper
43 100
72 24.4 19.9 29.9





#33

1,2-Dichloroethane-d4

Concen: 52.468 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007905.D

Acq: 08 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

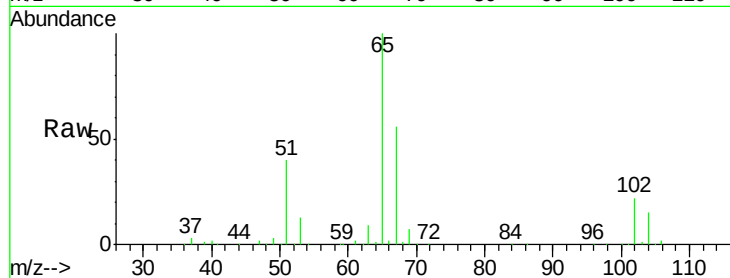
Z-2-6

Tot Ion: 65 Resp: 159510

Ion Ratio Lower Upper

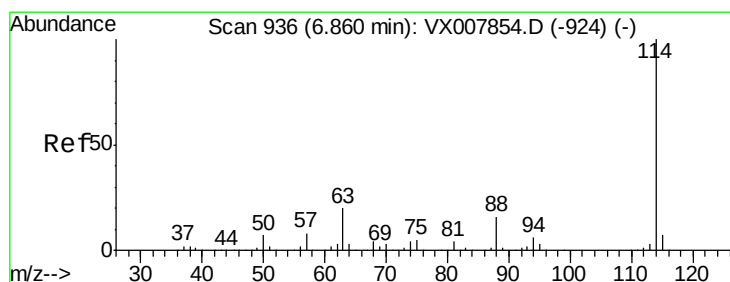
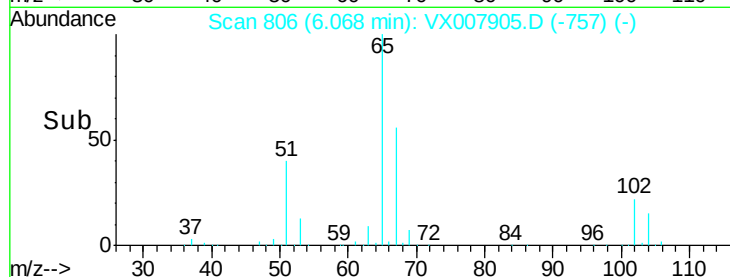
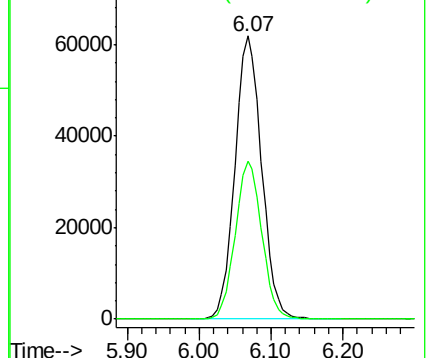
65 100

67 55.3 0.0 110.0



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: VX007905.D

Acq: 08 Mar 2019 01:37

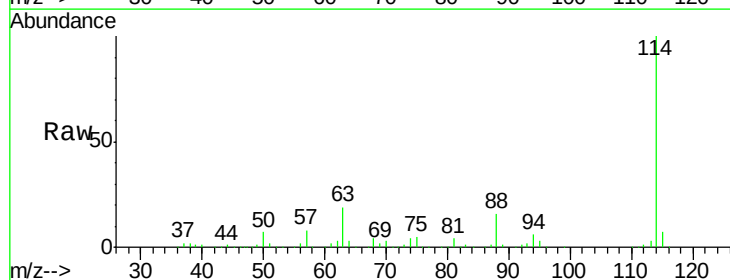
Tgt Ion: 114 Resp: 450621

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

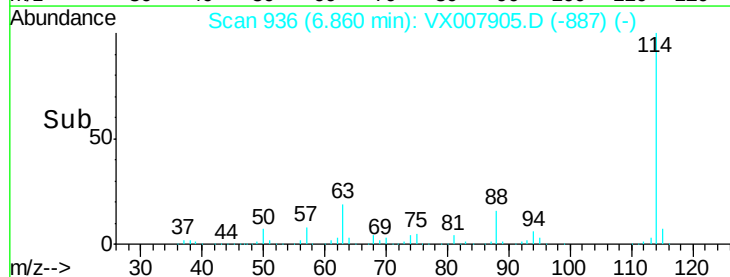
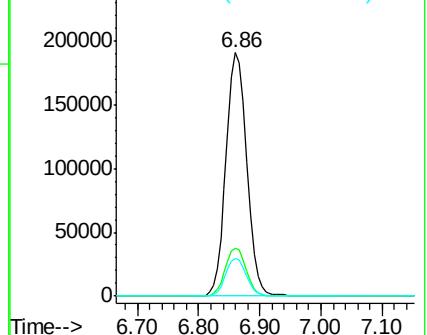
88 15.6 0.0 31.4

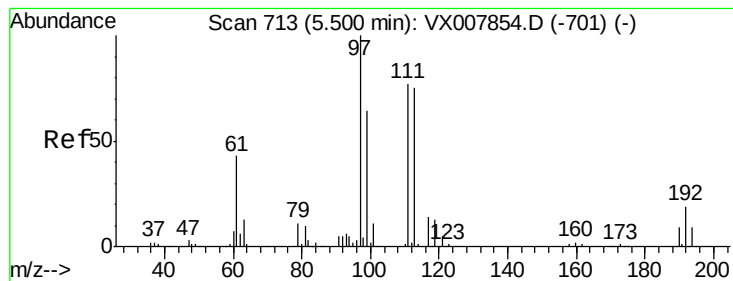


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.203 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007905.D

Acq: 08 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

Z-2-6

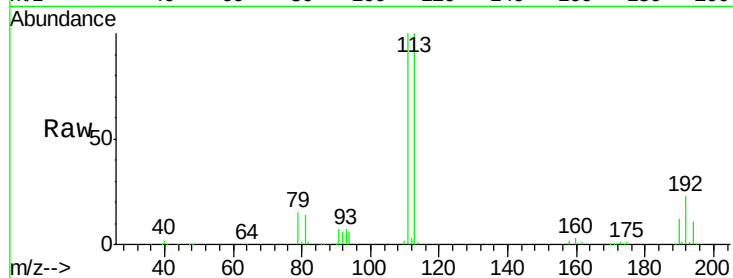
Tot Ion:113 Resp: 147591

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

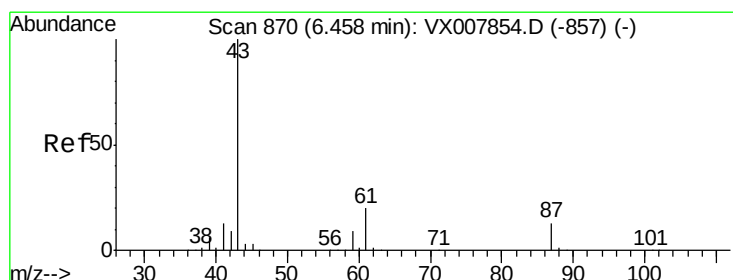
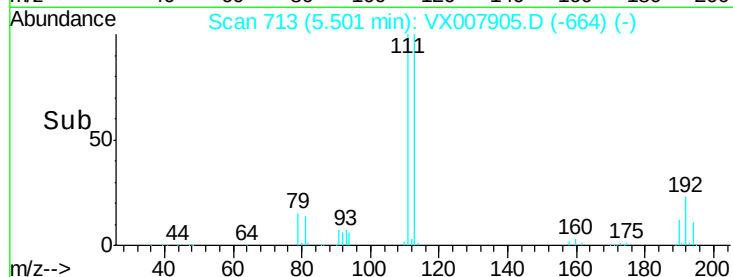
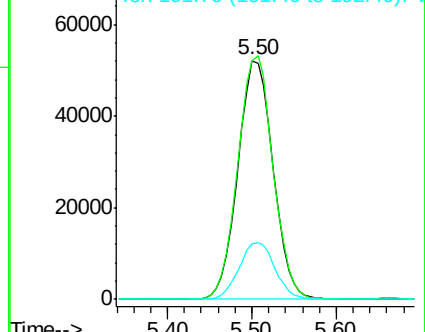
192 24.2 19.4 29.0



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



#43

Isopropyl Acetate

Concen: 2.383 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007905.D

Acq: 08 Mar 2019 01:37

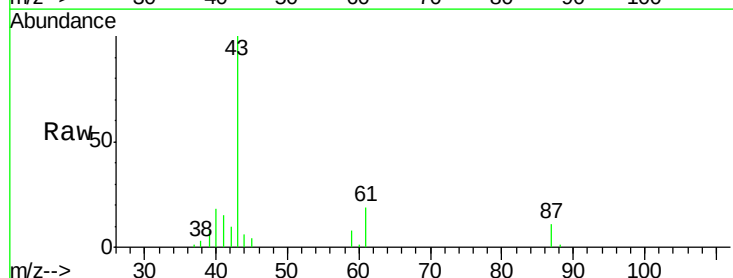
Tgt Ion: 43 Resp: 17079

Ion Ratio Lower Upper

43 100

61 21.0 16.3 24.5

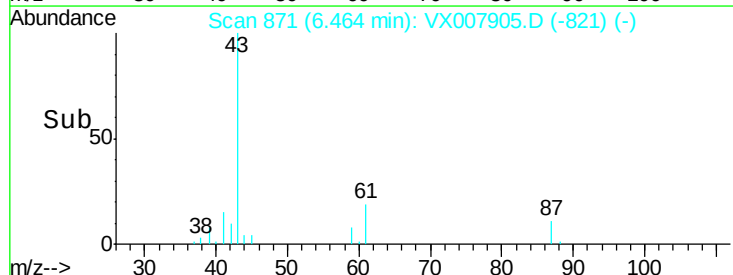
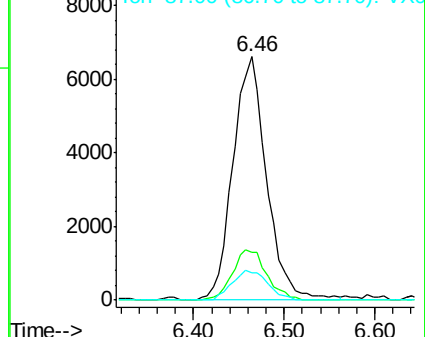
87 12.8 10.5 15.7

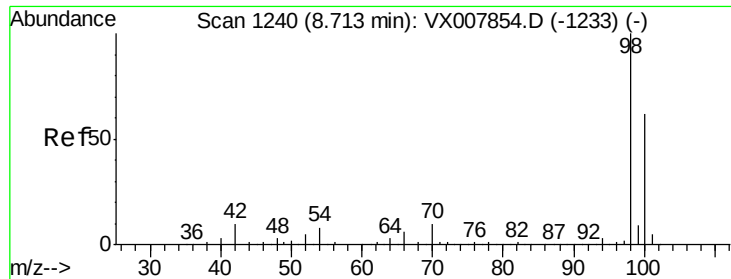


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.527 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007905.D

Acq: 08 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampled :

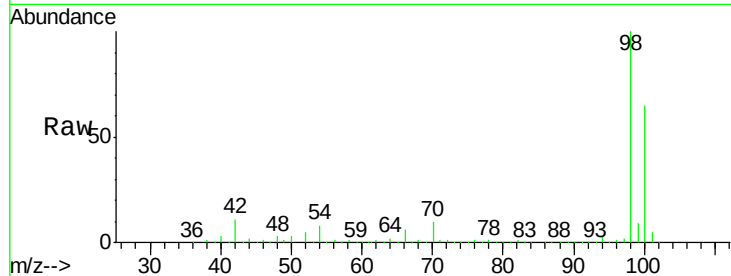
Z-2-6

Tot Ion: 98 Resp: 556053

Ion Ratio Lower Upper

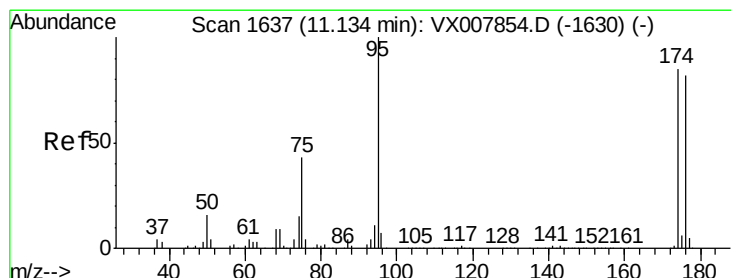
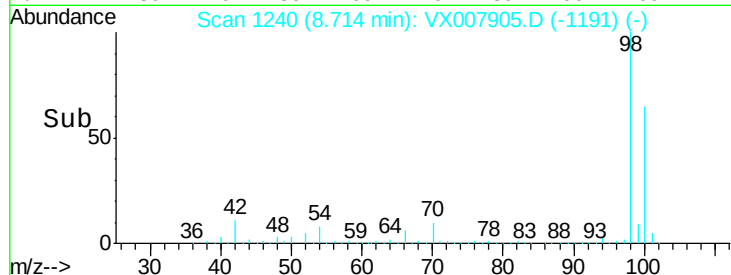
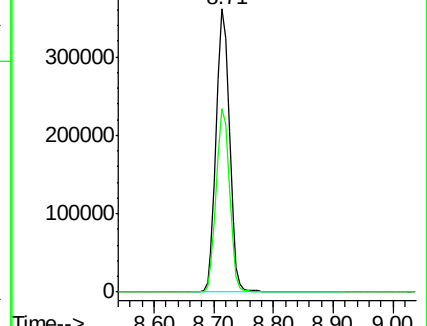
98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 54.340 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007905.D

Acq: 08 Mar 2019 01:37

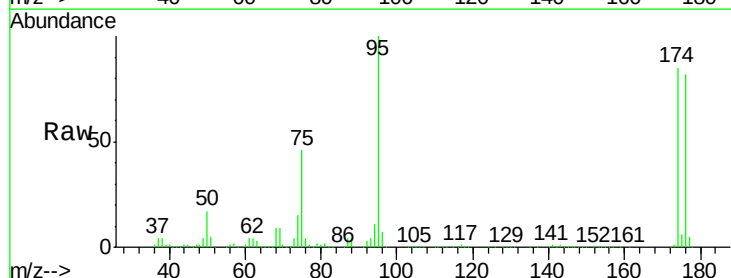
Tgt Ion: 95 Resp: 201681

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.8

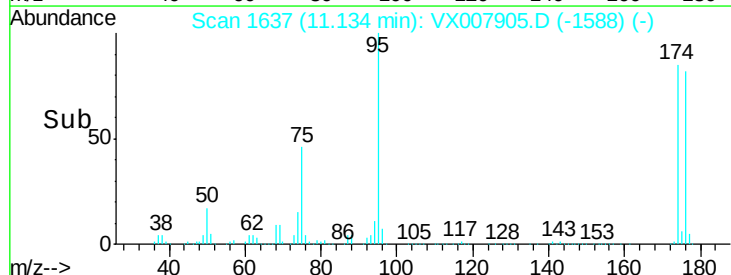
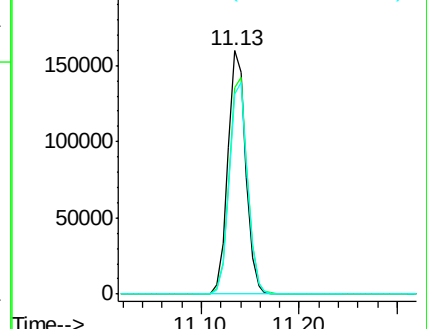
176 88.7 0.0 178.0

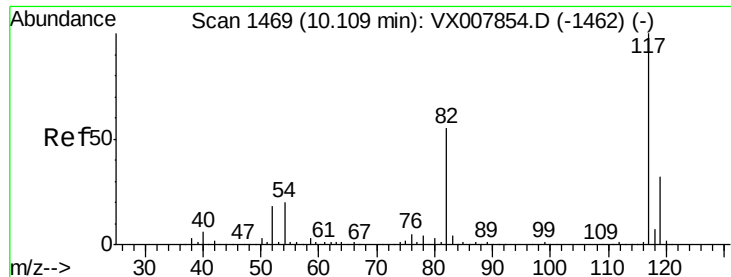


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

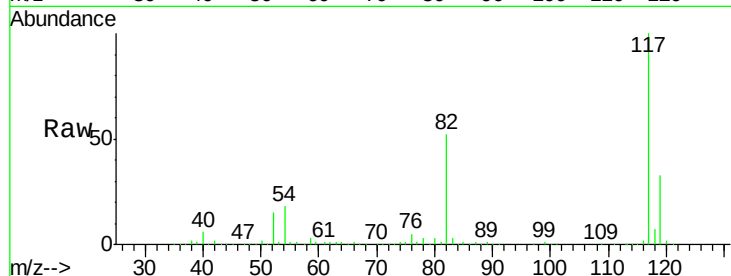




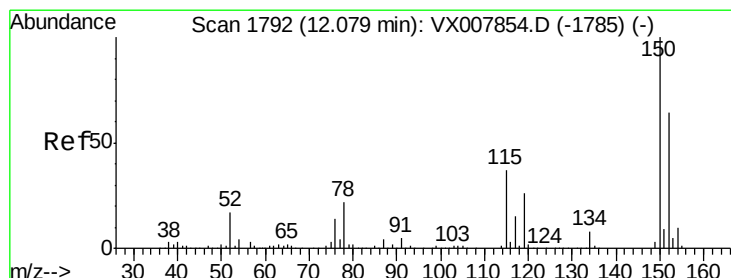
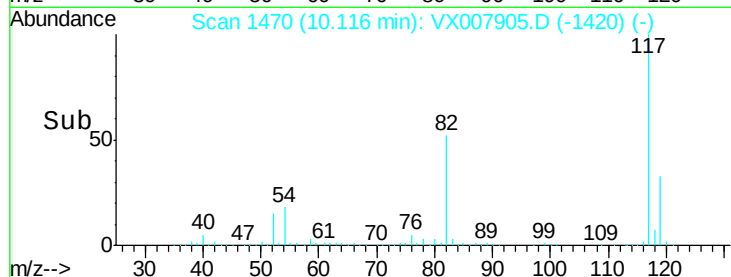
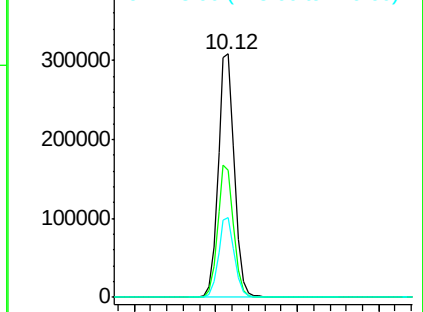
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007905.D
Acq: 08 Mar 2019 01:37

Instrument :
MSVOA_X
ClientSampled :
Z-2-6

Tot Ion:117 Resp: 431007
Ion Ratio Lower Upper
117 100
82 52.3 44.3 66.5
119 32.8 25.3 37.9

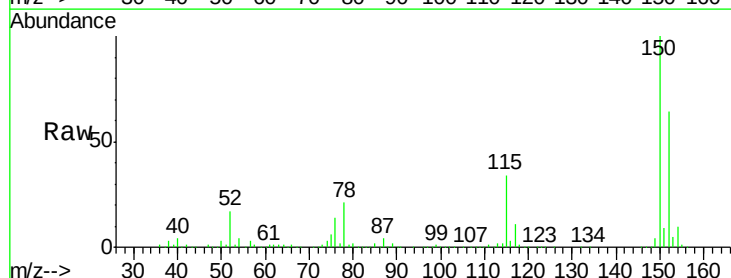


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

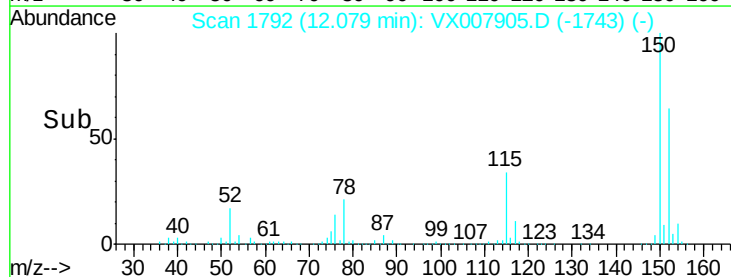
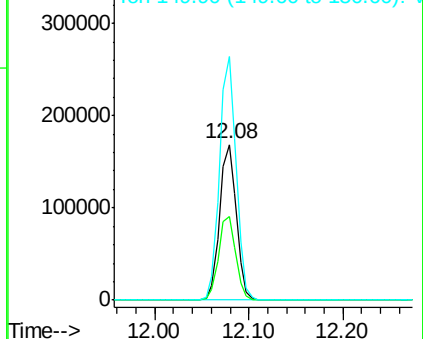


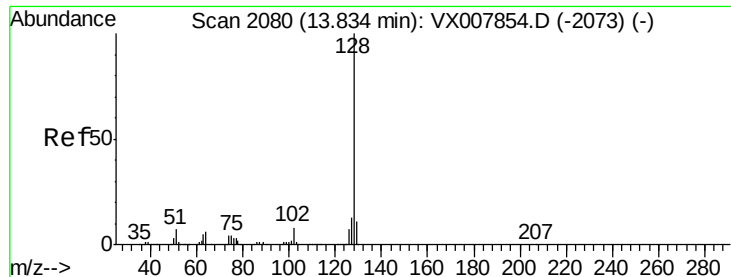
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007905.D
Acq: 08 Mar 2019 01:37

Tgt Ion:152 Resp: 207525
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 156.0 0.0 348.4



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





#95
Naphthalene
Concen: 2.164 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007905.D
Acq: 08 Mar 2019 01:37

Instrument :
MSVOA_X
ClientSampleId :
Z-2-6

Tot Ion:128 Resp: 29628
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.7 13.1

