

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007204.D
 Acq On : 24 Jan 2019 15:28
 Operator : JC/SP
 Sample : K1016-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR-05-RO-1-012319

Quant Time: Jan 25 02:06:36 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	537821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	842980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	800460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379846	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	294963	52.48	ug/l	0.00
Spiked Amount			Recovery	=	104.96%	
35) Dibromofluoromethane	5.50	113	266814	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	1022709	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	11.13	95	356814	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	

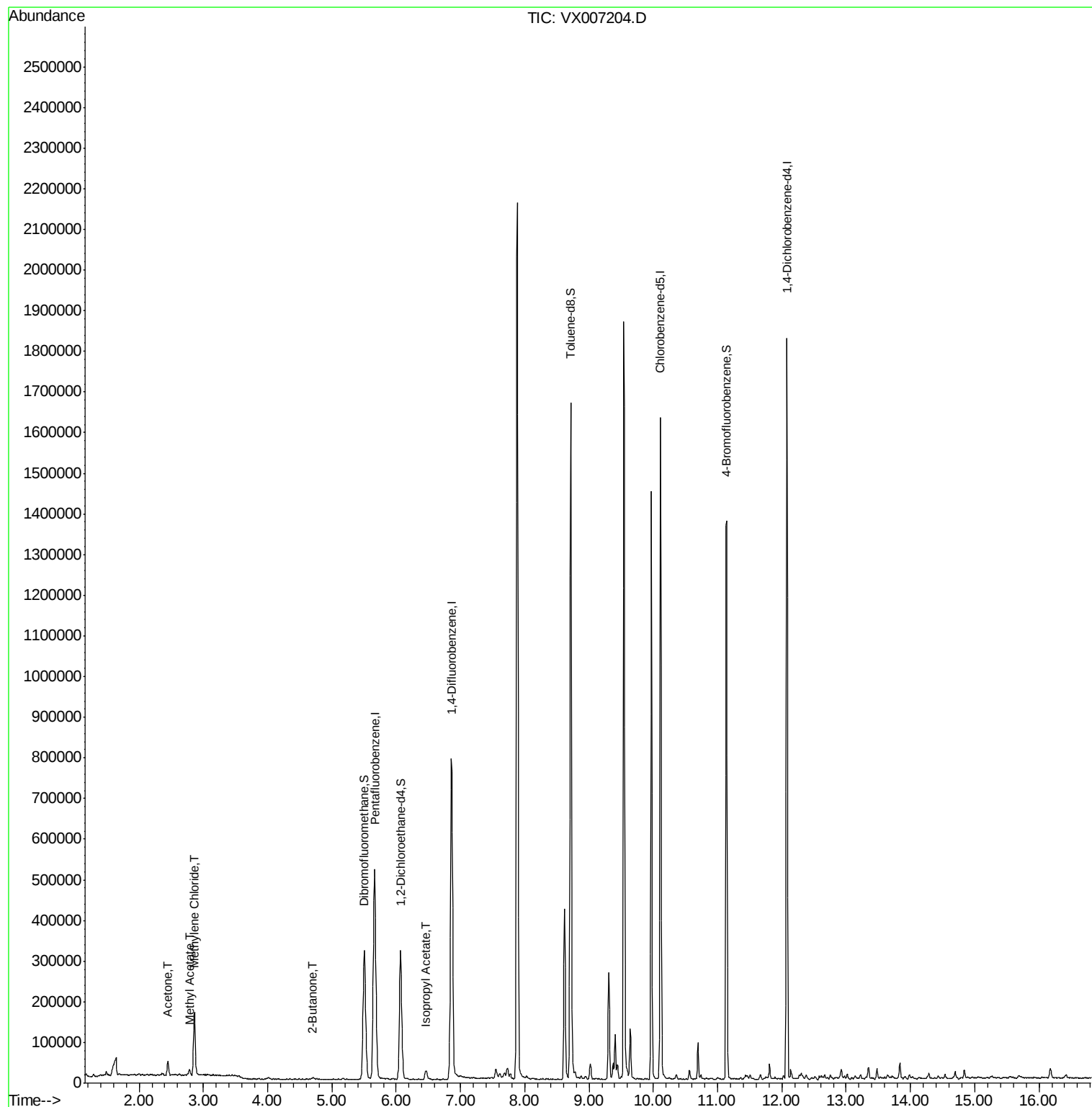
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	36882	13.273	ug/l	93
18) Methyl Acetate	2.79	43	18552	2.305	ug/l	91
20) Methylene Chloride	2.86	84	74338	13.654	ug/l	93
25) 2-Butanone	4.70	43	7549	1.899	ug/l	92
43) Isopropyl Acetate	6.46	43	29419	2.374	ug/l	99

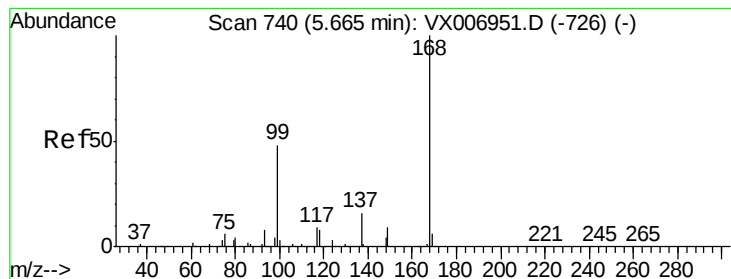
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007204.D

Acq: 24 Jan 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

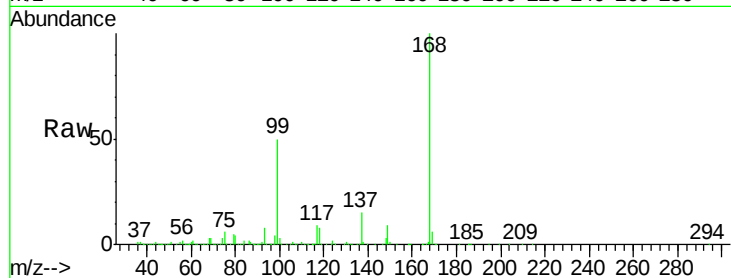
TR-05-RO-1-012319

Tot Ion:168 Resp: 537821

Ion Ratio Lower Upper

168 100

99 50.0 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

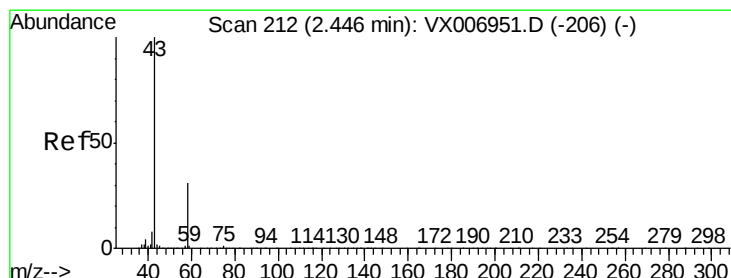
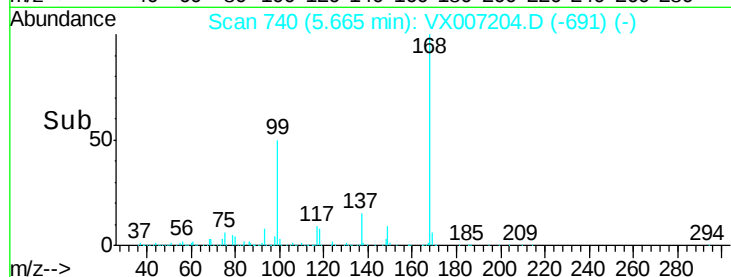
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.273 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007204.D

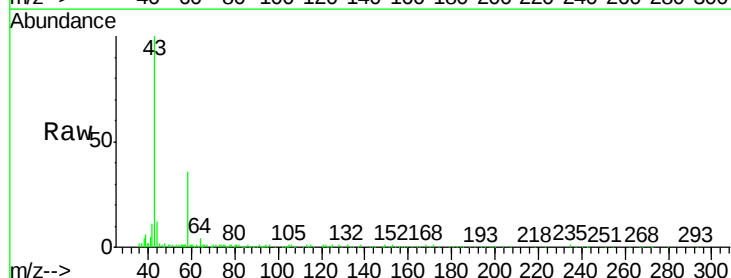
Acq: 24 Jan 2019 15:28

Tgt Ion: 43 Resp: 36882

Ion Ratio Lower Upper

43 100

58 35.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

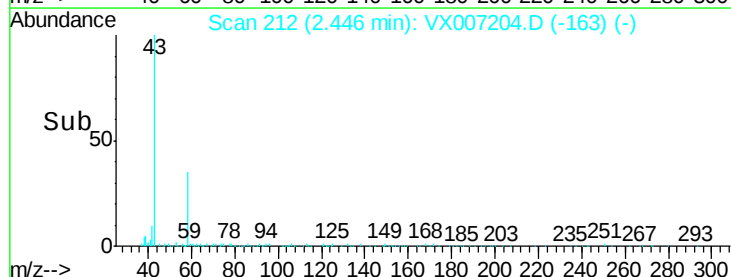
15000

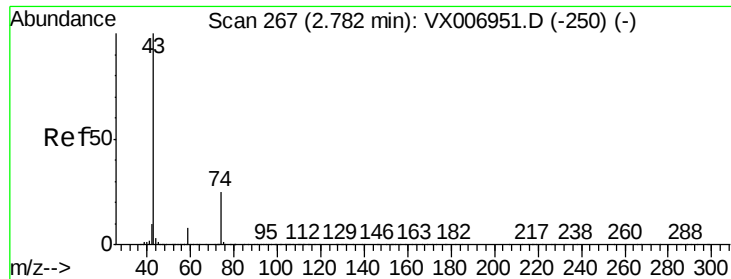
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

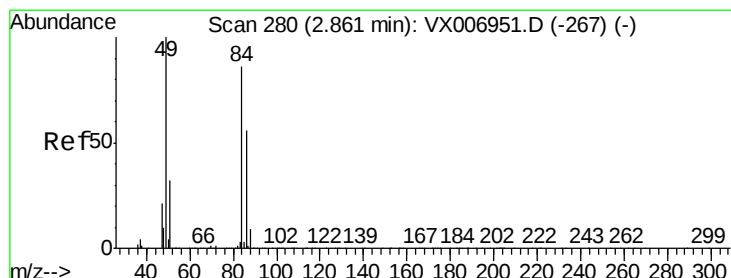
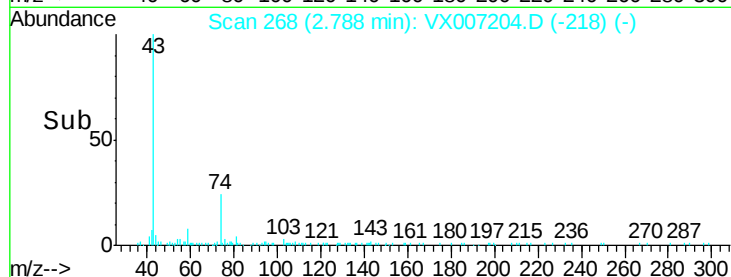
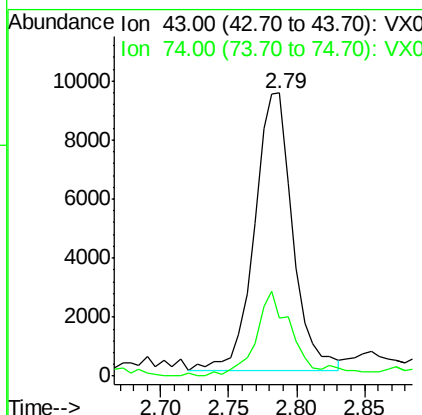
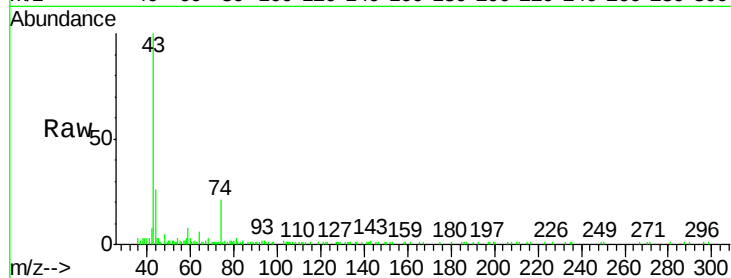




#18
Methyl Acetate
Concen: 2.305 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007204.D
Acq: 24 Jan 2019 15:28

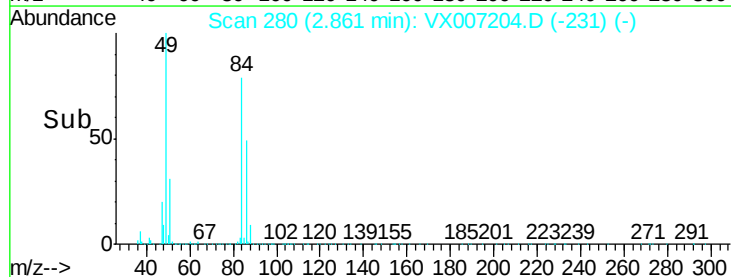
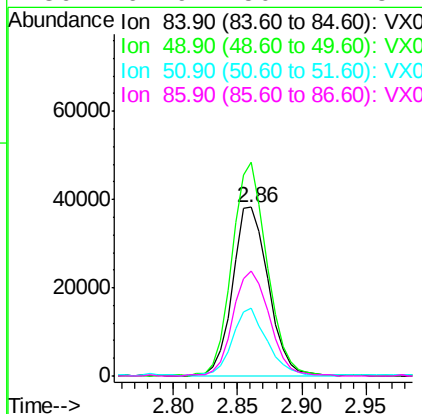
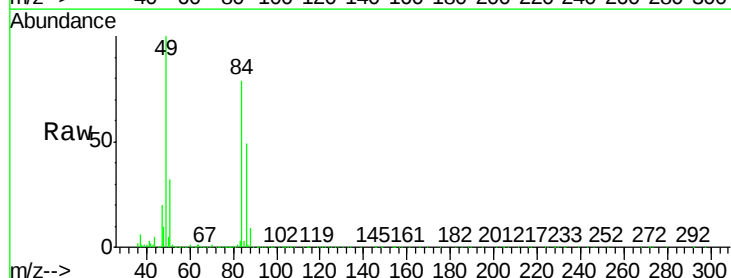
Instrument :
MSVOA_X
ClientSampleId :
TR-05-RO-1-012319

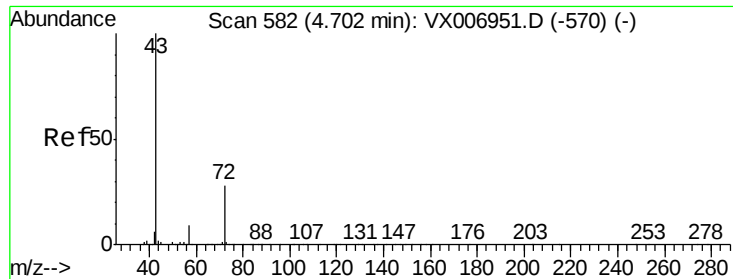
Tot Ion: 43 Resp: 18552
Ion Ratio Lower Upper
43 100
74 27.8 18.6 28.0



#20
Methylene Chloride
Concen: 13.654 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007204.D
Acq: 24 Jan 2019 15:28

Tgt Ion: 84 Resp: 74338
Ion Ratio Lower Upper
84 100
49 126.3 91.8 137.6
51 39.3 28.5 42.7
86 61.9 50.2 75.2





#25

2-Butanone

Concen: 1.899 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007204.D

Acq: 24 Jan 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

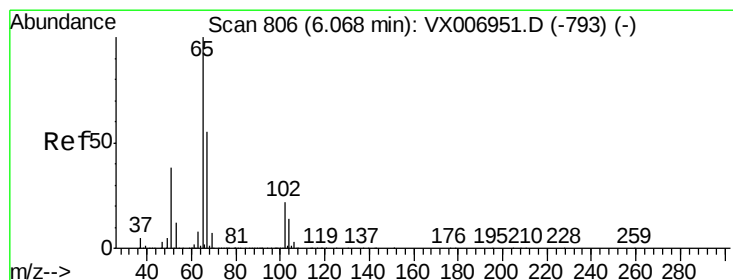
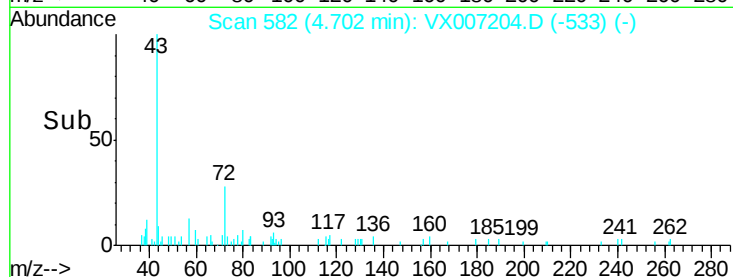
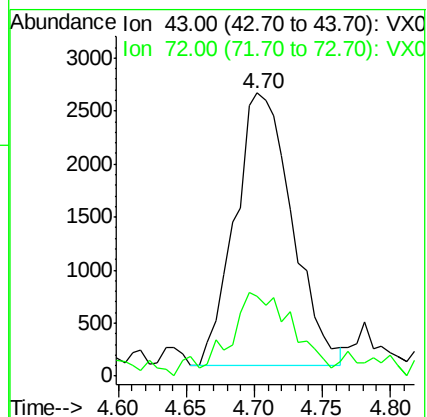
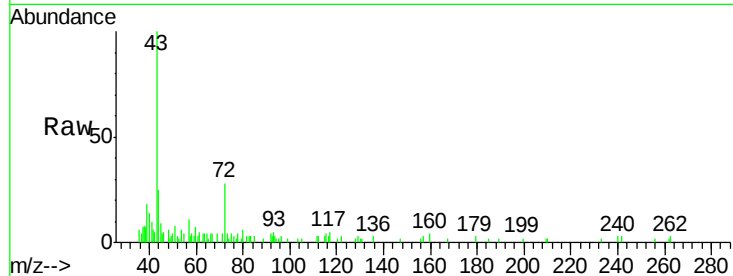
TR-05-RO-1-012319

Tot Ion: 43 Resp: 7549

Ion Ratio Lower Upper

43 100

72 23.8 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 52.478 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007204.D

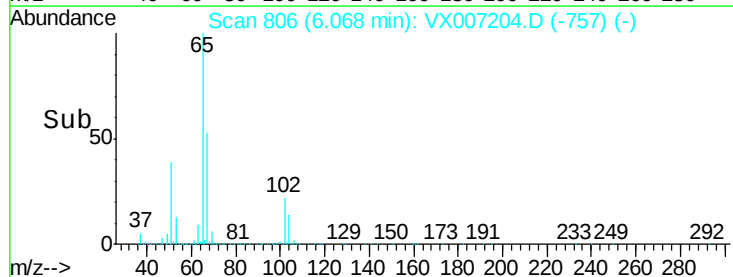
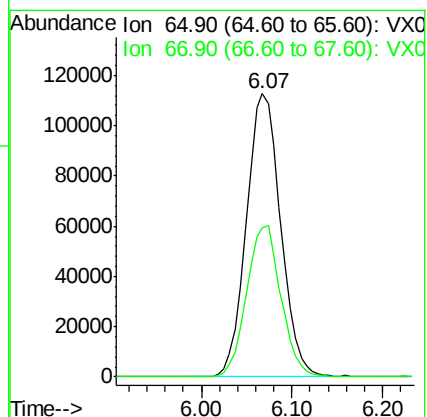
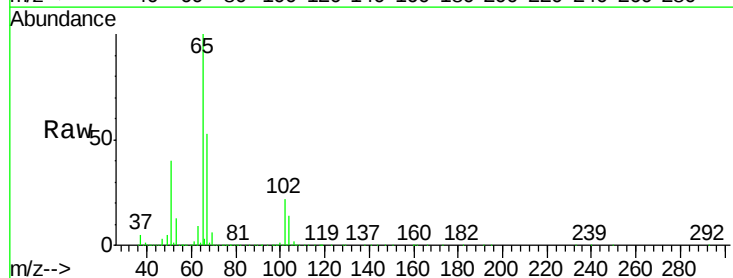
Acq: 24 Jan 2019 15:28

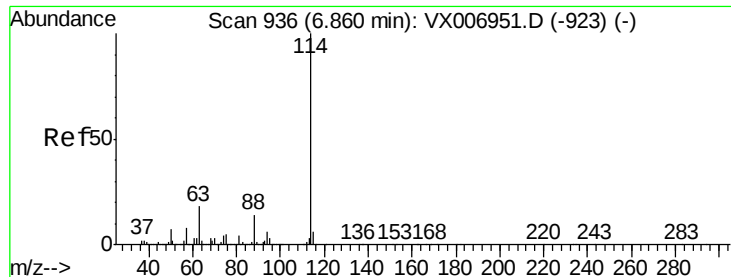
Tgt Ion: 65 Resp: 294963

Ion Ratio Lower Upper

65 100

67 53.2 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: VX007204.D

Acq: 24 Jan 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

TR-05-RO-1-012319

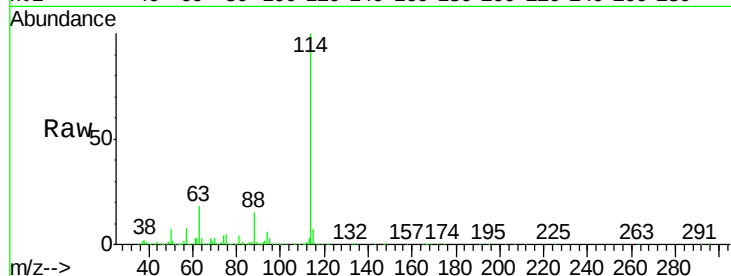
Tot Ion:114 Resp: 842980

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

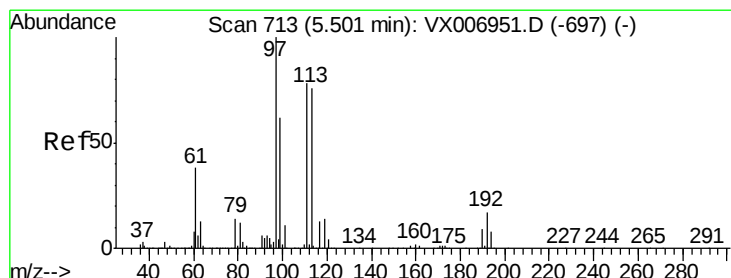
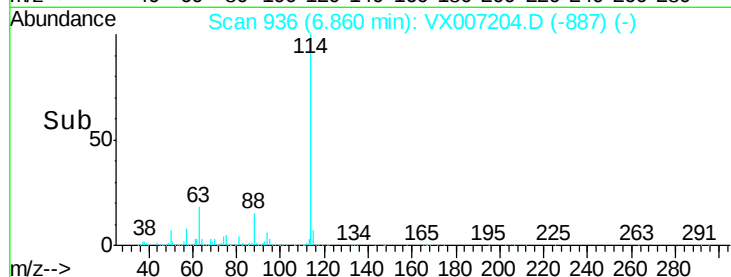
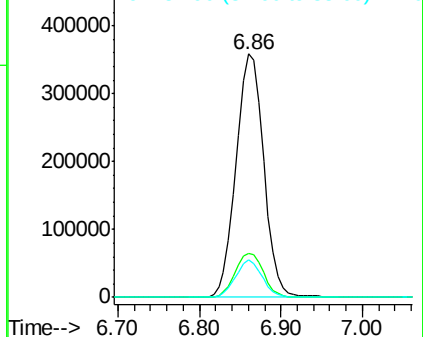
88 15.2 0.0 28.8



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: 49.425 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007204.D

Acq: 24 Jan 2019 15:28

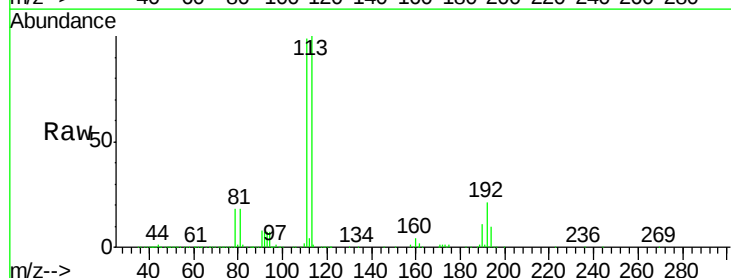
Tgt Ion:113 Resp: 266814

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

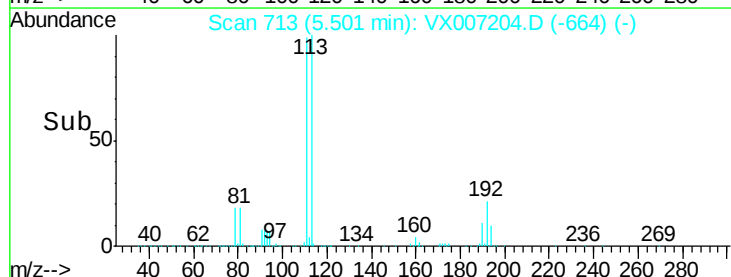
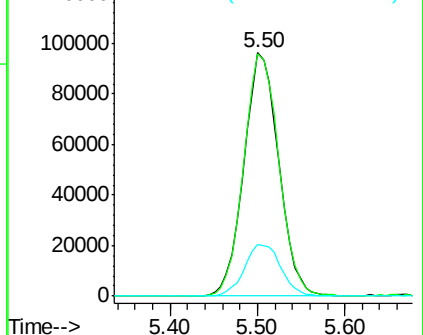
192 22.3 16.7 25.1

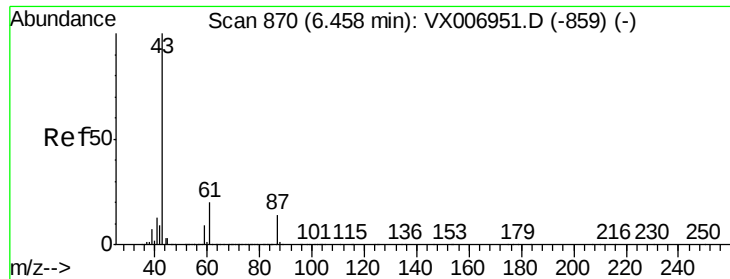


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.374 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007204.D

Acq: 24 Jan 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

TR-05-RO-1-012319

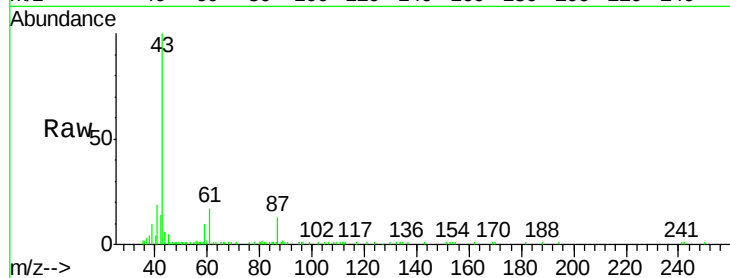
Tot Ion: 43 Resp: 29419

Ion Ratio Lower Upper

43 100

61 21.6 16.8 25.2

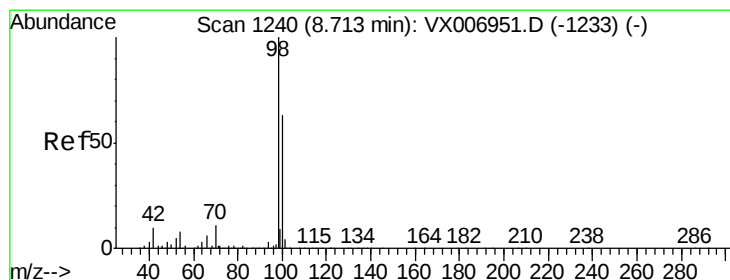
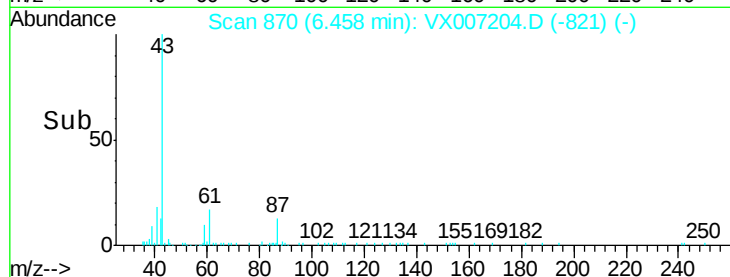
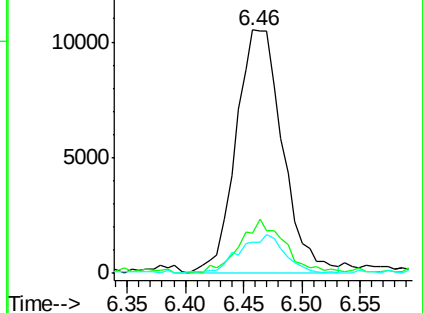
87 15.4 12.4 18.6



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: 51.757 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007204.D

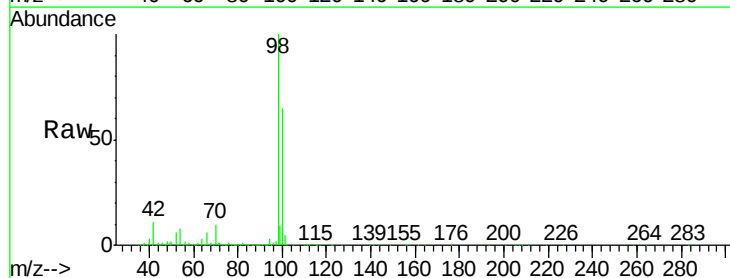
Acq: 24 Jan 2019 15:28

Tgt Ion: 98 Resp: 1022709

Ion Ratio Lower Upper

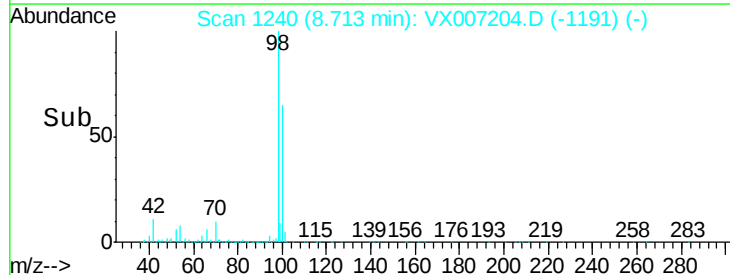
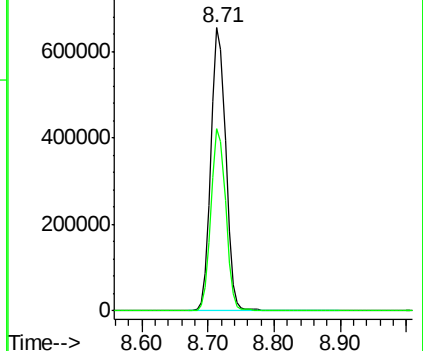
98 100

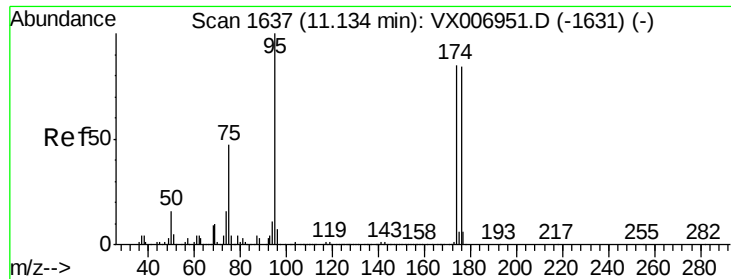
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

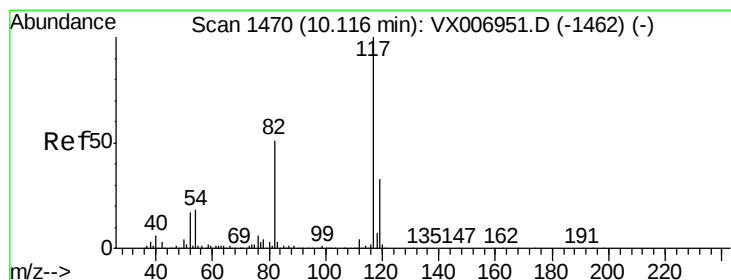
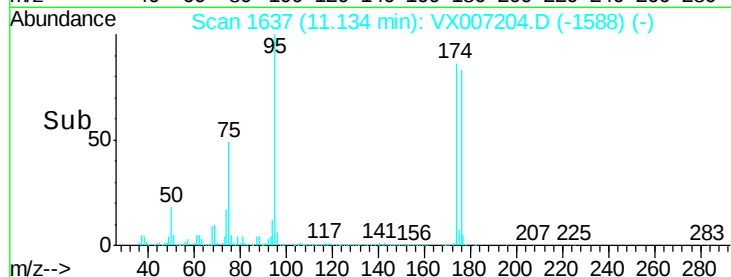
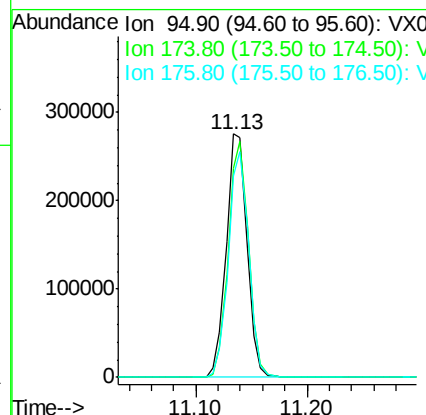
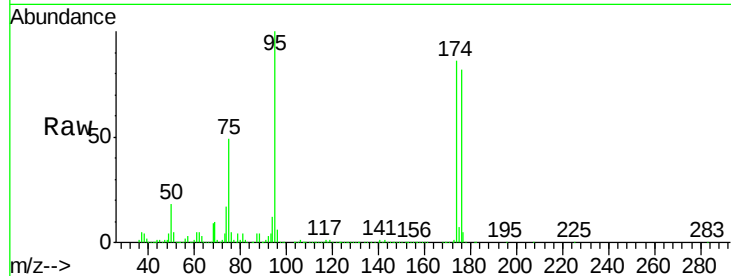




#62
4-Bromofluorobenzene
Concen: 51.797 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007204.D
Acq: 24 Jan 2019 15:28

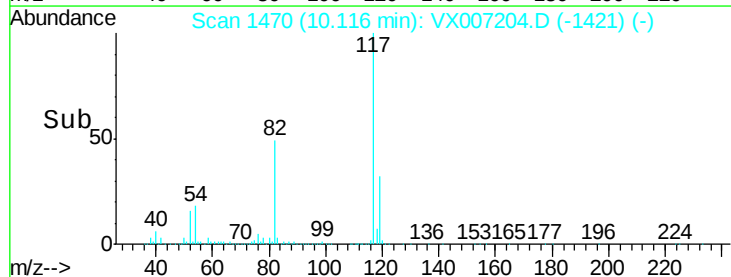
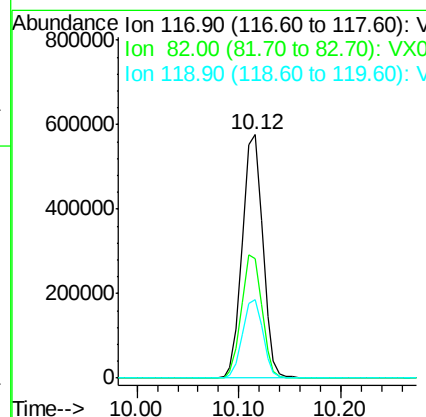
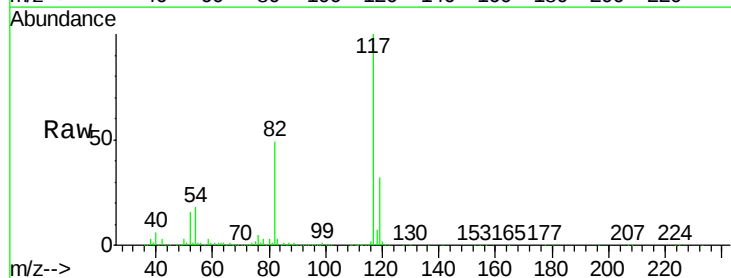
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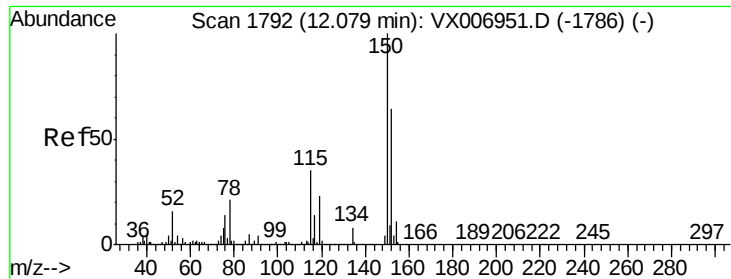
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	182.2
176	90.6	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007204.D
Acq: 24 Jan 2019 15:28

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.3	41.0	61.6
119	32.1	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007204.D

Acq: 24 Jan 2019 15:28

Instrument :

MSVOA_X

ClientSampleId :

TR-05-RO-1-012319

Tot Ion:152 Resp: 379846

Ion Ratio Lower Upper

152 100

115 54.6 39.1 117.2

150 157.3 0.0 344.8

