

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007253.D
 Acq On : 26 Jan 2019 02:01
 Operator : JC/SP
 Sample : K1238-40
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S4

Quant Time: Jan 28 02:29:45 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	528266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	818426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	790409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	391601	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	286633	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
35) Dibromofluoromethane	5.50	113	253664	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	1000320	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.13	95	362586	54.21	ug/l	0.00
Spiked Amount			Recovery	=	108.42%	

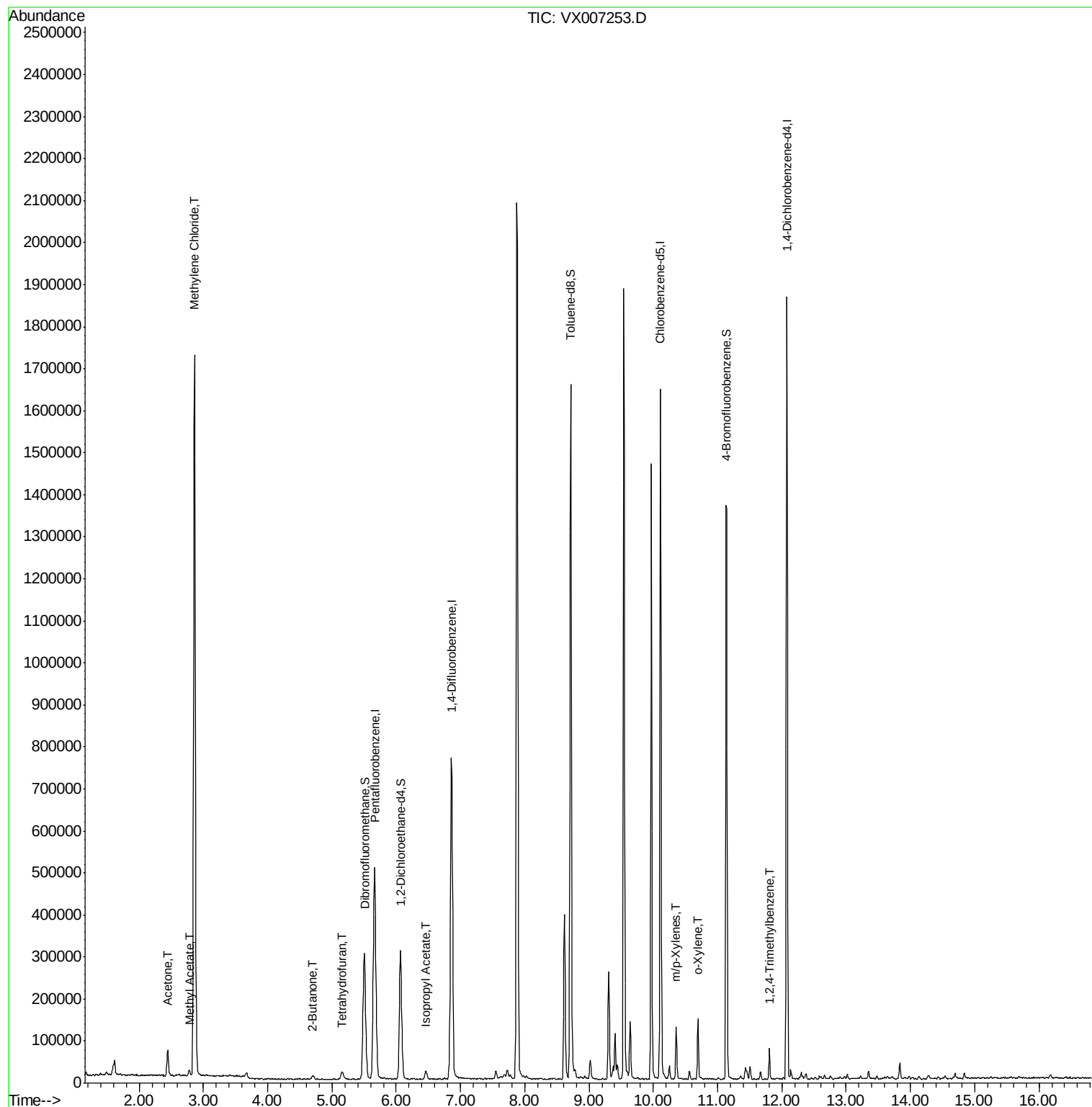
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	67012	24.553	ug/l	99
18) Methyl Acetate	2.78	43	17209	2.177	ug/l	95
20) Methylene Chloride	2.86	84	805802	156.430	ug/l	98
25) 2-Butanone	4.70	43	16047	4.109	ug/l	98
29) Tetrahydrofuran	5.15	42	15300	6.029	ug/l	98
43) Isopropyl Acetate	6.46	43	25787	2.143	ug/l	98
68) m/p-Xylenes	10.35	106	30653	2.734	ug/l	100
69) o-Xylene	10.69	106	13167	1.204	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	32801	1.414	ug/l	95

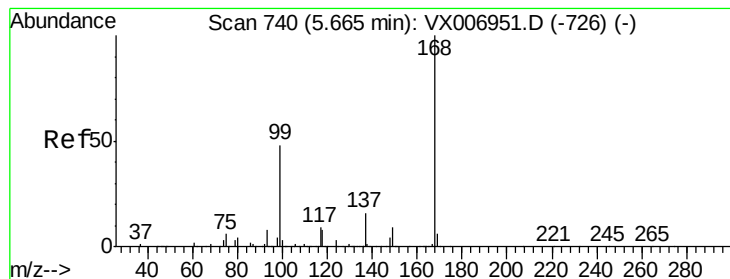
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007253.D

Acq: 26 Jan 2019 02:01

Instrument :

MSVOA_X

ClientSampleId :

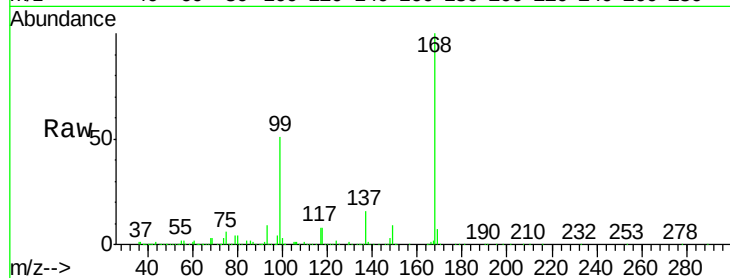
S4

Tot Ion:168 Resp: 528266

Ion Ratio Lower Upper

168 100

99 50.6 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

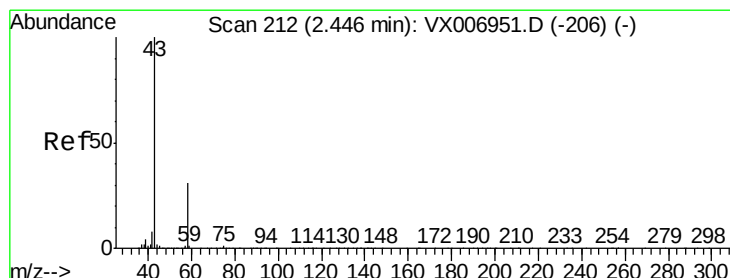
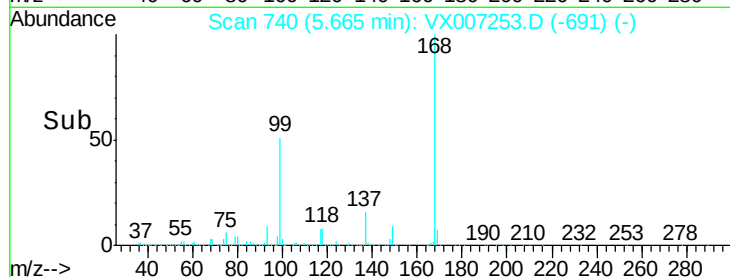
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 24.553 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007253.D

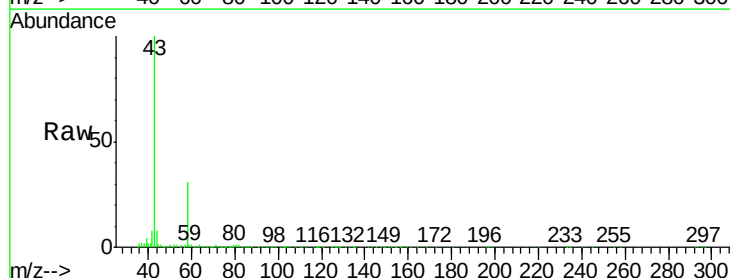
Acq: 26 Jan 2019 02:01

Tgt Ion: 43 Resp: 67012

Ion Ratio Lower Upper

43 100

58 30.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

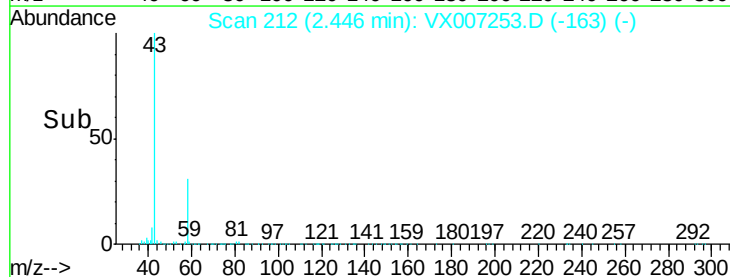
30000

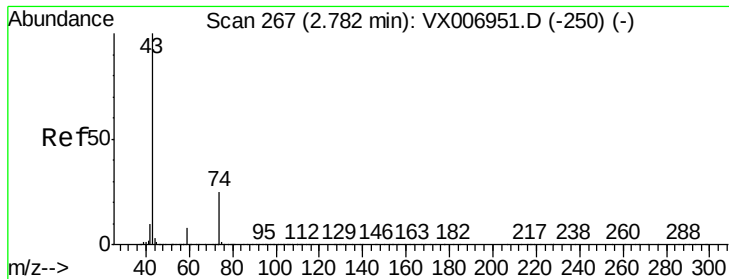
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

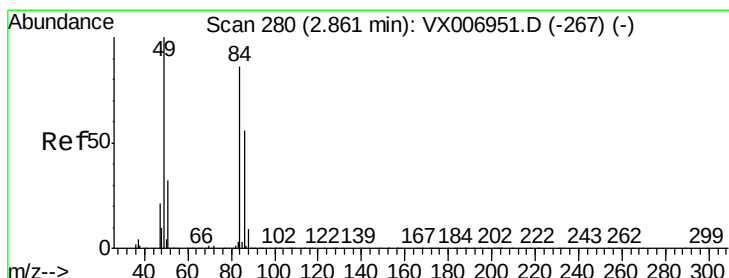
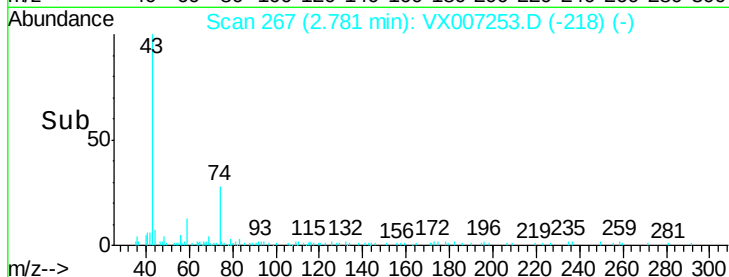
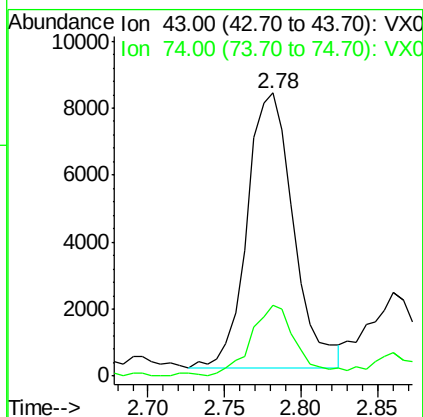
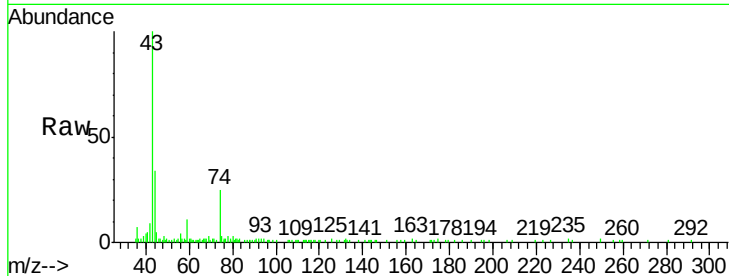




#18
Methyl Acetate
Concen: 2.177 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007253.D
Acq: 26 Jan 2019 02:01

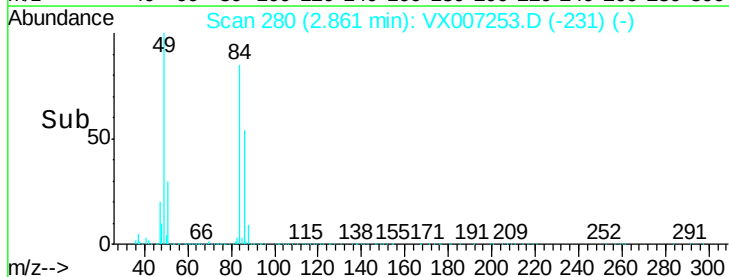
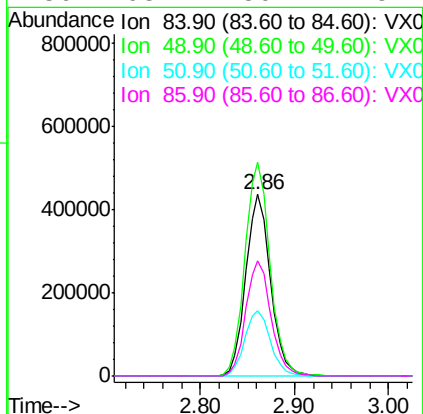
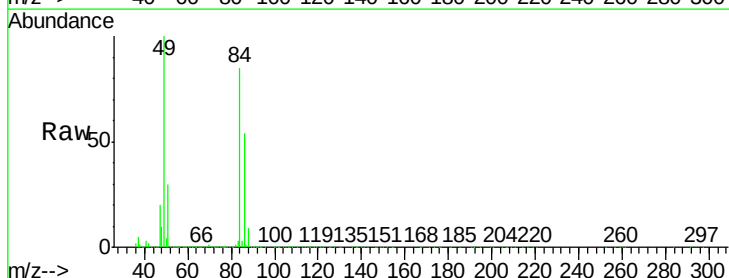
Instrument :
MSVOA_X
ClientSampleId :
S4

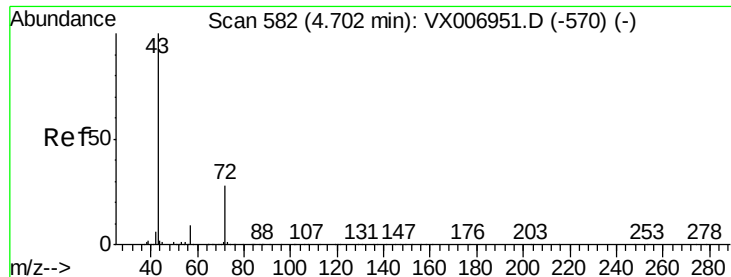
Tot Ion: 43 Resp: 17209
Ion Ratio Lower Upper
43 100
74 25.6 18.6 28.0



#20
Methylene Chloride
Concen: 156.430 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007253.D
Acq: 26 Jan 2019 02:01

Tgt Ion: 84 Resp: 805802
Ion Ratio Lower Upper
84 100
49 117.6 91.8 137.6
51 35.7 28.5 42.7
86 63.2 50.2 75.2





#25

2-Butanone

Concen: 4.109 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007253.D

Acq: 26 Jan 2019 02:01

Instrument :

MSVOA_X

ClientSampleId :

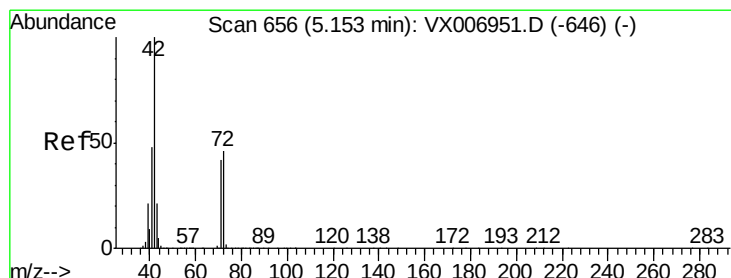
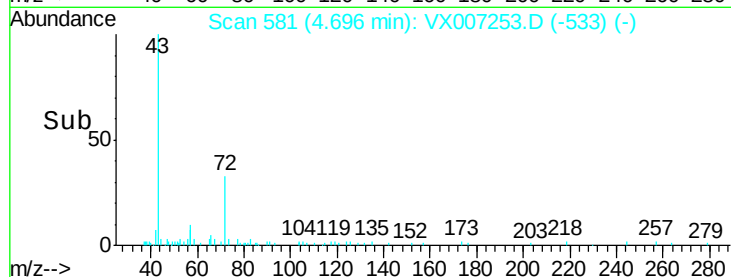
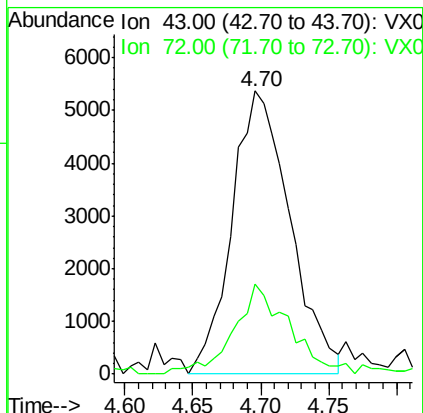
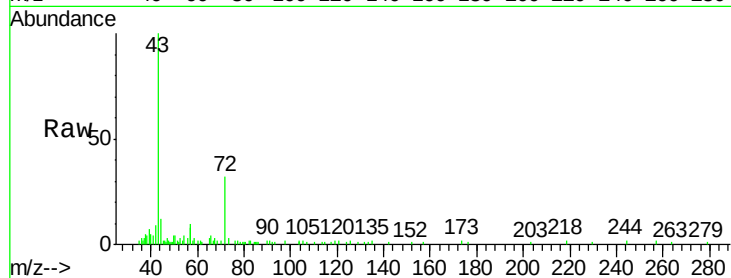
S4

Tot Ion: 43 Resp: 16047

Ion Ratio Lower Upper

43 100

72 29.2 22.4 33.6



#29

Tetrahydrofuran

Concen: 6.029 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007253.D

Acq: 26 Jan 2019 02:01

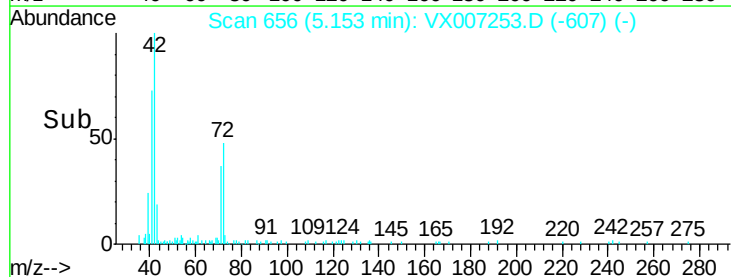
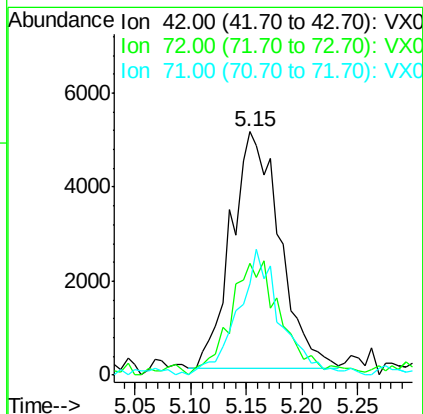
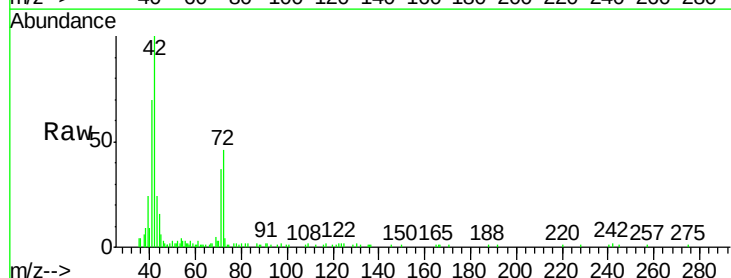
Tgt Ion: 42 Resp: 15300

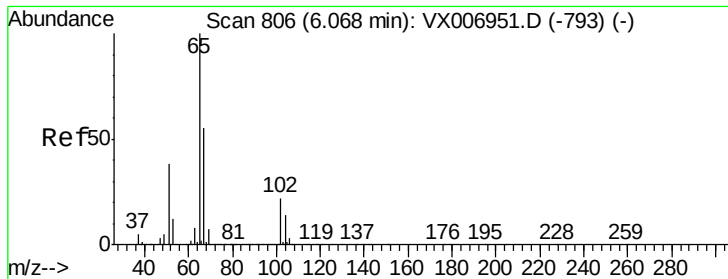
Ion Ratio Lower Upper

42 100

72 49.5 38.9 58.3

71 47.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.918 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007253.D

Acq: 26 Jan 2019 02:01

Instrument :

MSVOA_X

ClientSampleId :

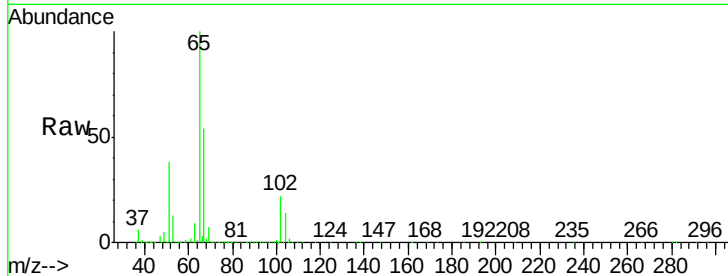
S4

Tot Ion: 65 Resp: 286633

Ion Ratio Lower Upper

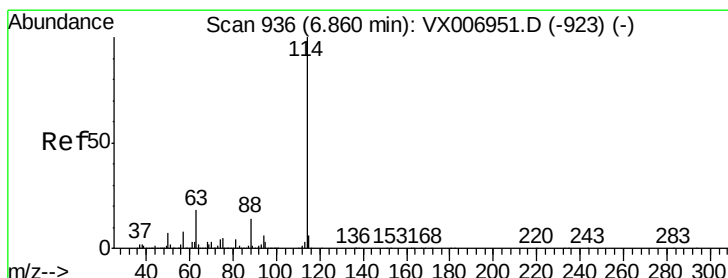
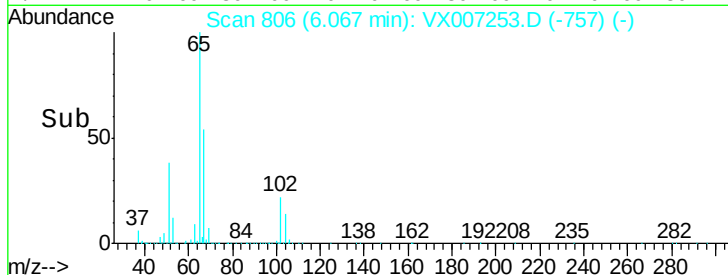
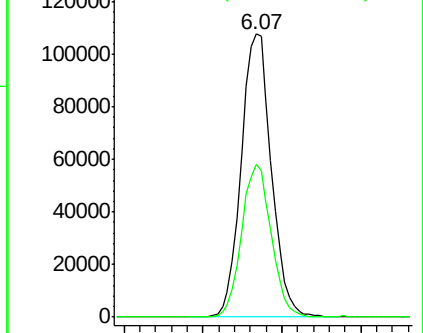
65 100

67 52.9 0.0 105.0



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: VX007253.D

Acq: 26 Jan 2019 02:01

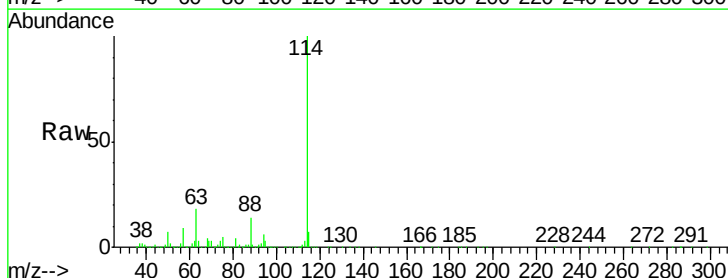
Tgt Ion: 114 Resp: 818426

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

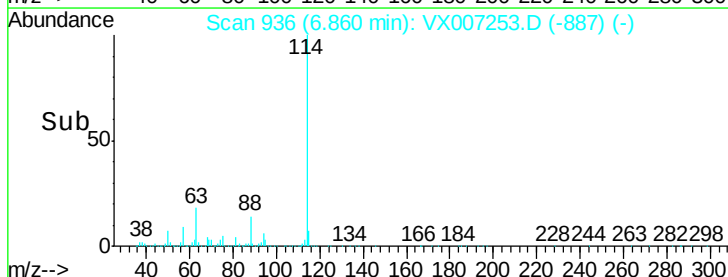
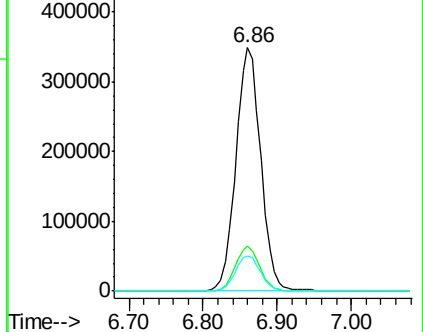
88 14.4 0.0 28.8

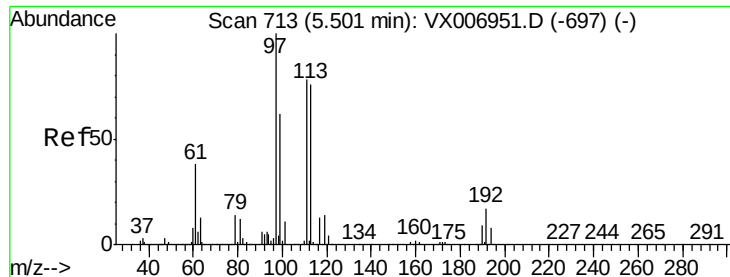


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.399 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007253.D

Acq: 26 Jan 2019 02:01

Instrument :

MSVOA_X

ClientSampleId :

S4

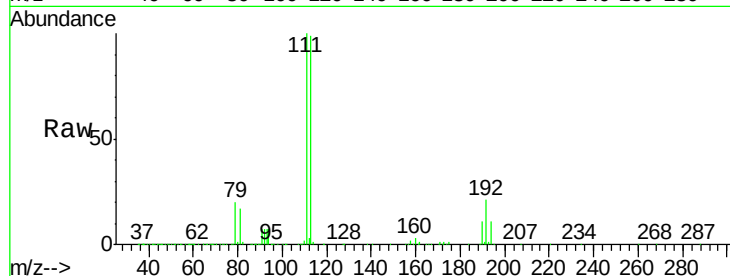
Tot Ion:113 Resp: 253664

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

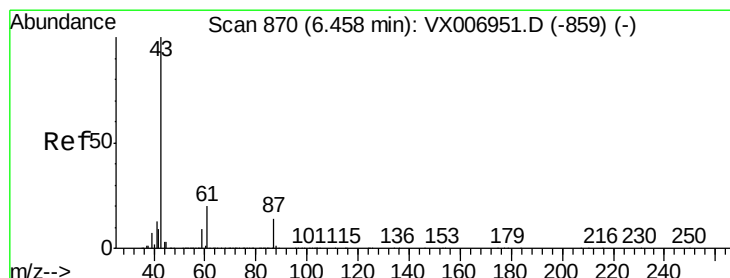
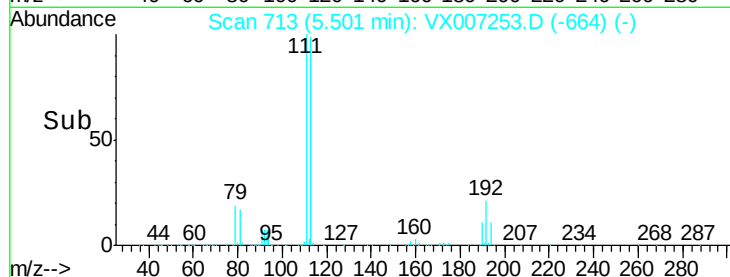
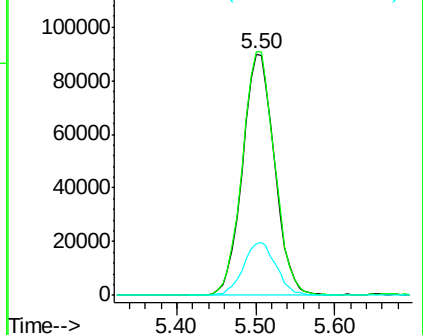
192 22.4 16.7 25.1



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: 2.143 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007253.D

Acq: 26 Jan 2019 02:01

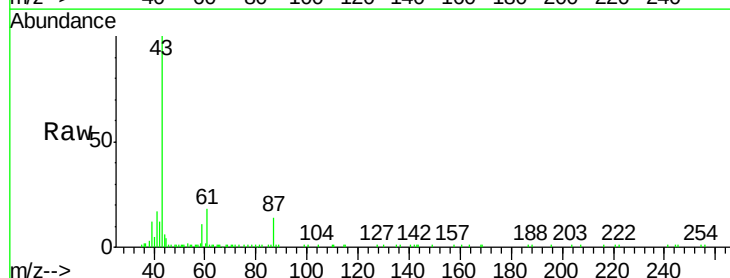
Tgt Ion: 43 Resp: 25787

Ion Ratio Lower Upper

43 100

61 21.8 16.8 25.2

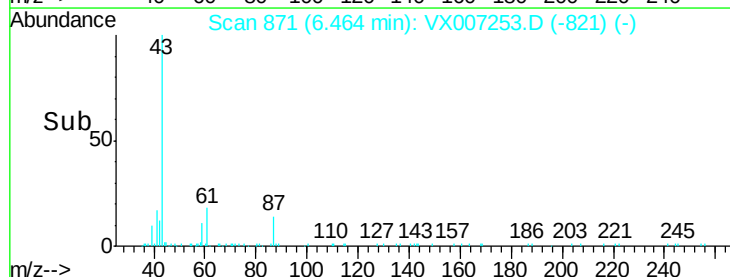
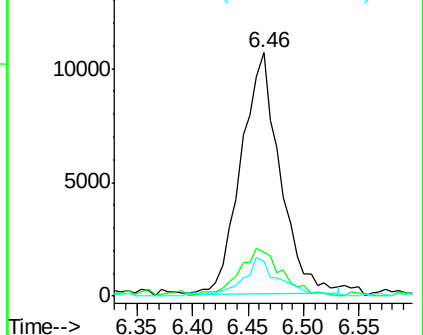
87 14.5 12.4 18.6

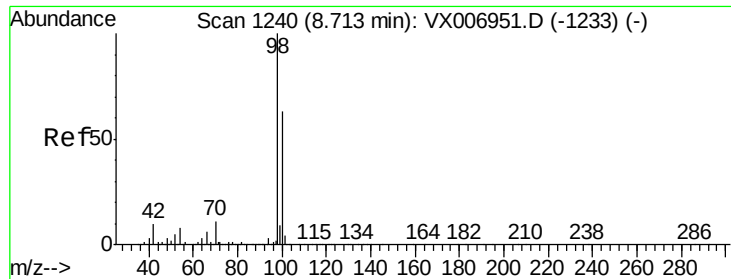


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

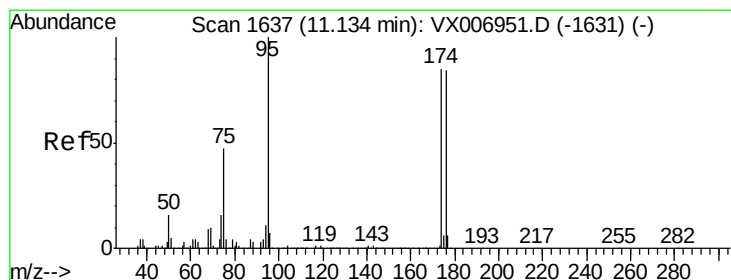
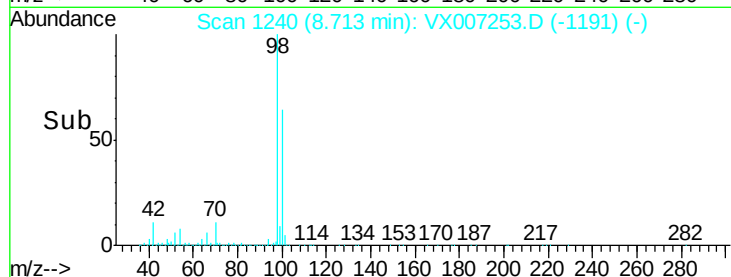
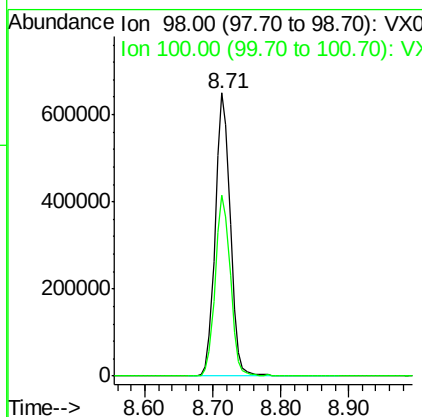
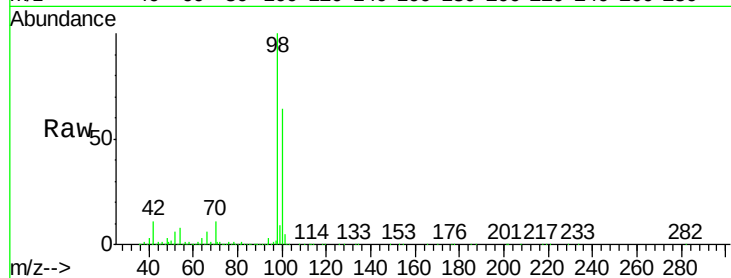




#50
Toluene-d8
Concen: 52.143 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007253.D
Acq: 26 Jan 2019 02:01

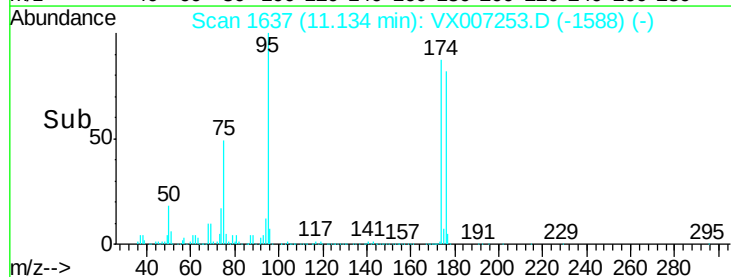
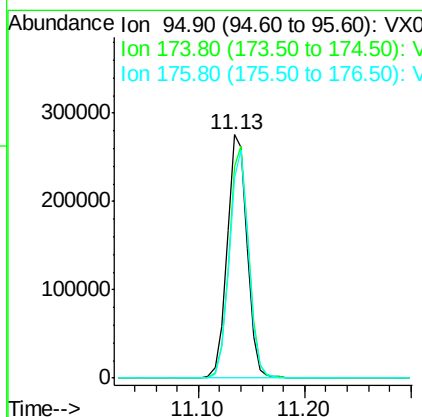
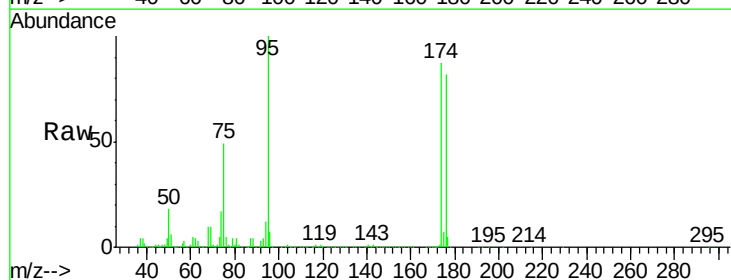
Instrument :
MSVOA_X
ClientSampled :
S4

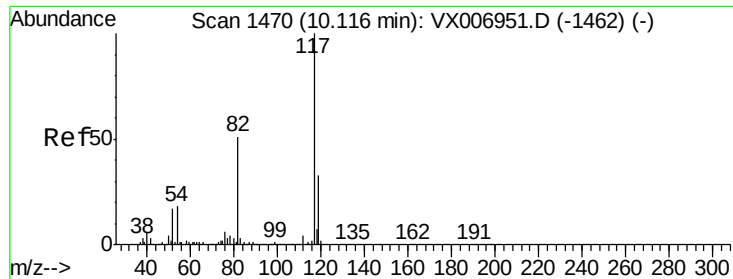
Tot Ion: 98 Resp: 1000320
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.214 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007253.D
Acq: 26 Jan 2019 02:01

Tgt Ion: 95 Resp: 362586
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.2
176 90.2 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007253.D

Acq: 26 Jan 2019 02:01

Instrument :

MSVOA_X

ClientSampleId :

S4

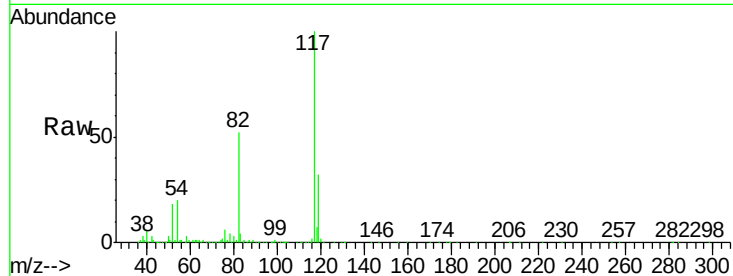
Tot Ion:117 Resp: 790409

Ion Ratio Lower Upper

117 100

82 52.1 41.0 61.6

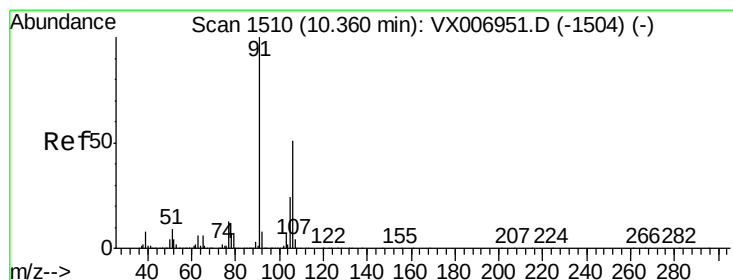
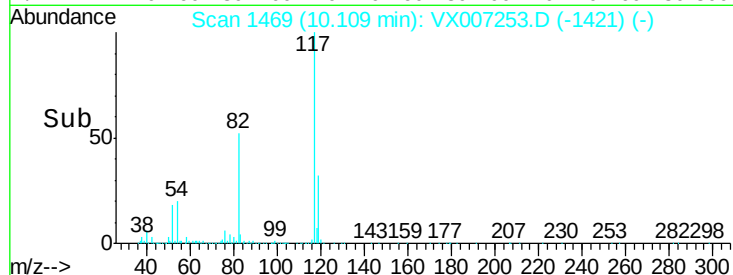
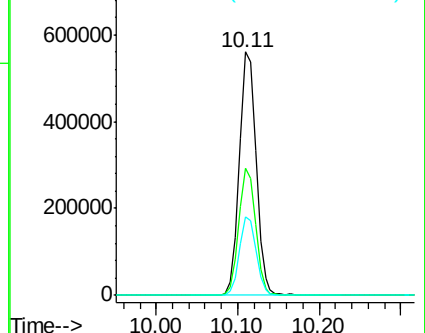
119 32.0 25.4 38.0



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



#68

m/p-Xylenes

Concen: 2.734 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007253.D

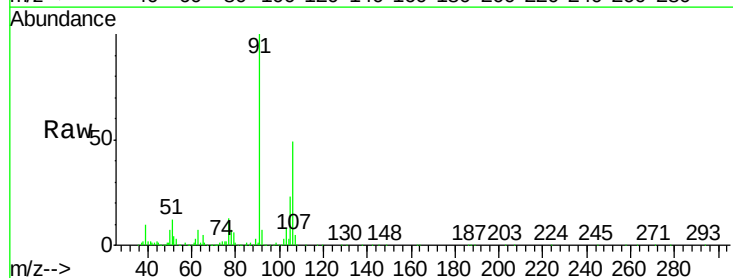
Acq: 26 Jan 2019 02:01

Tgt Ion:106 Resp: 30653

Ion Ratio Lower Upper

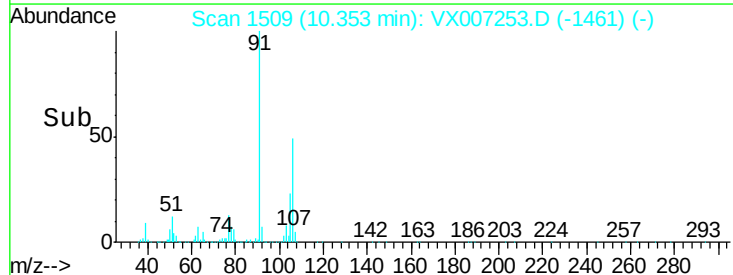
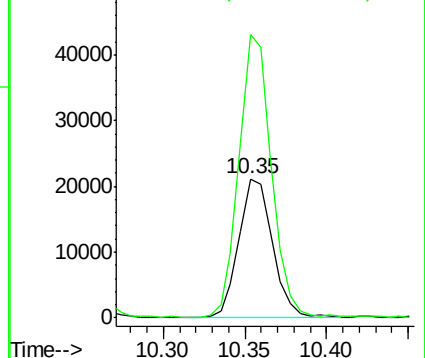
106 100

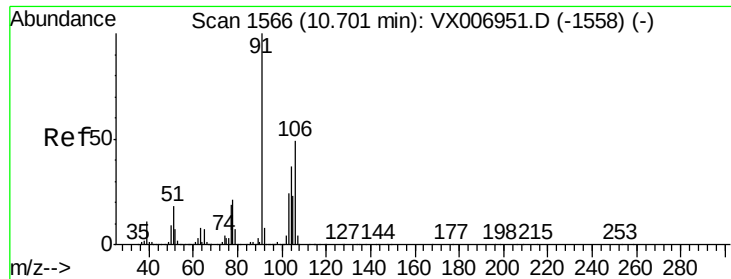
91 194.4 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

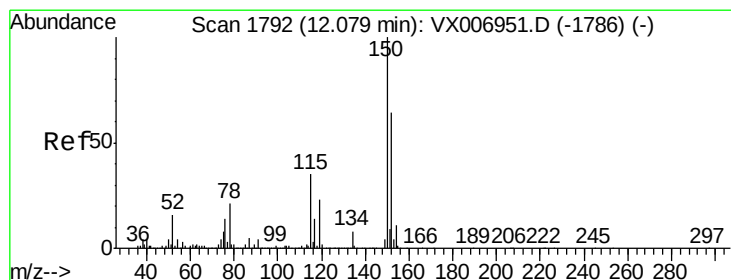
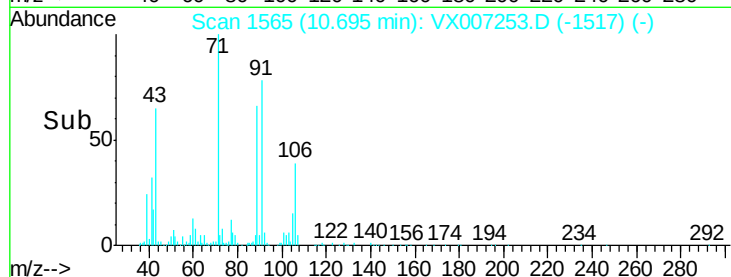
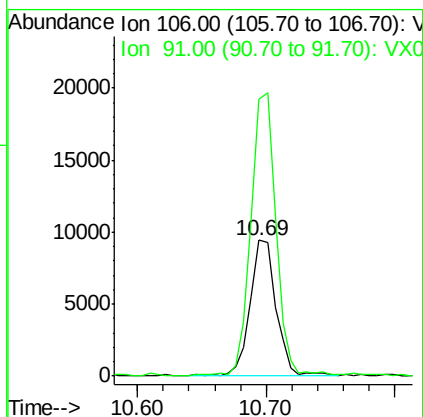
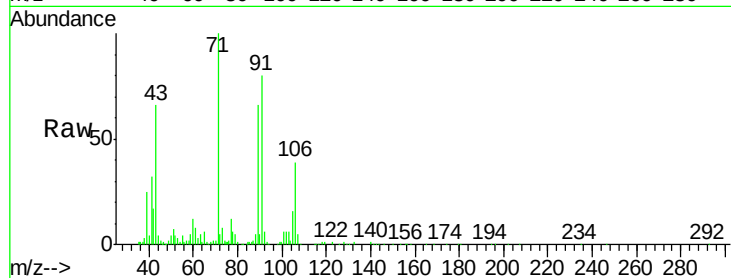




#69
o-Xylene
Concen: 1.204 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007253.D
Acq: 26 Jan 2019 02:01

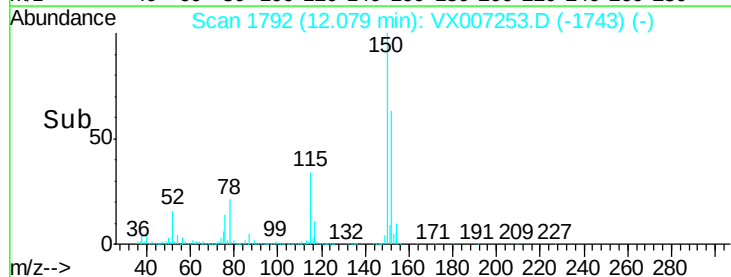
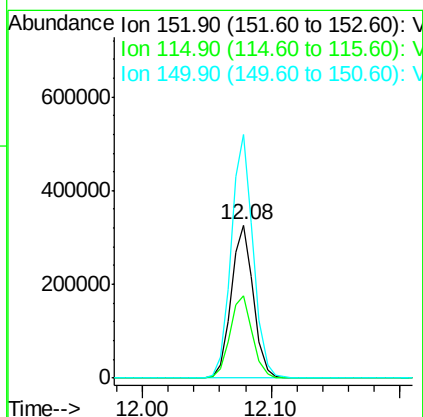
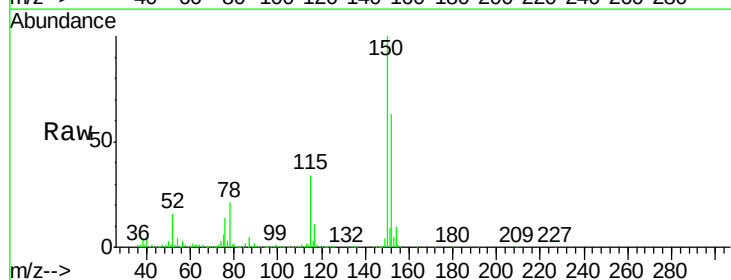
Instrument :
MSVOA_X
ClientSampled :
S4

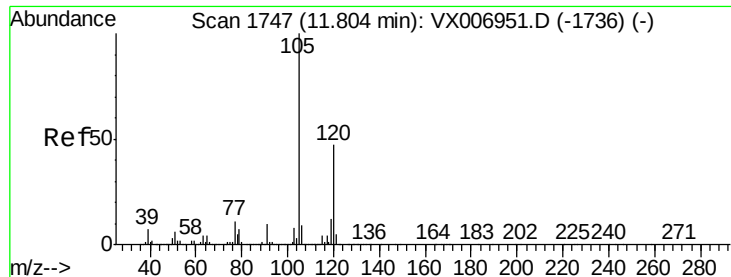
Tot Ion:106 Resp: 13167
Ion Ratio Lower Upper
106 100
91 201.0 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007253.D
Acq: 26 Jan 2019 02:01

Tgt Ion:152 Resp: 391601
Ion Ratio Lower Upper
152 100
115 54.8 39.1 117.2
150 157.6 0.0 344.8





#84

1,2,4-Trimethylbenzene

Concen: 1.414 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007253.D

Acq: 26 Jan 2019 02:01

Instrument :

MSVOA_X

ClientSampleId :

S4

Tot Ion:105 Resp: 32801

Ion Ratio Lower Upper

105 100

120 49.6 23.2 69.6

