

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090718\
 Data File : VX004437.D
 Acq On : 08 Sep 2018 05:25
 Operator : JC/MD
 Sample : J4775-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

Quant Time: Sep 08 06:09:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	487266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	273113	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	209236	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	
35) Dibromofluoromethane	5.50	113	187230	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	8.72	98	708069	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	250941	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

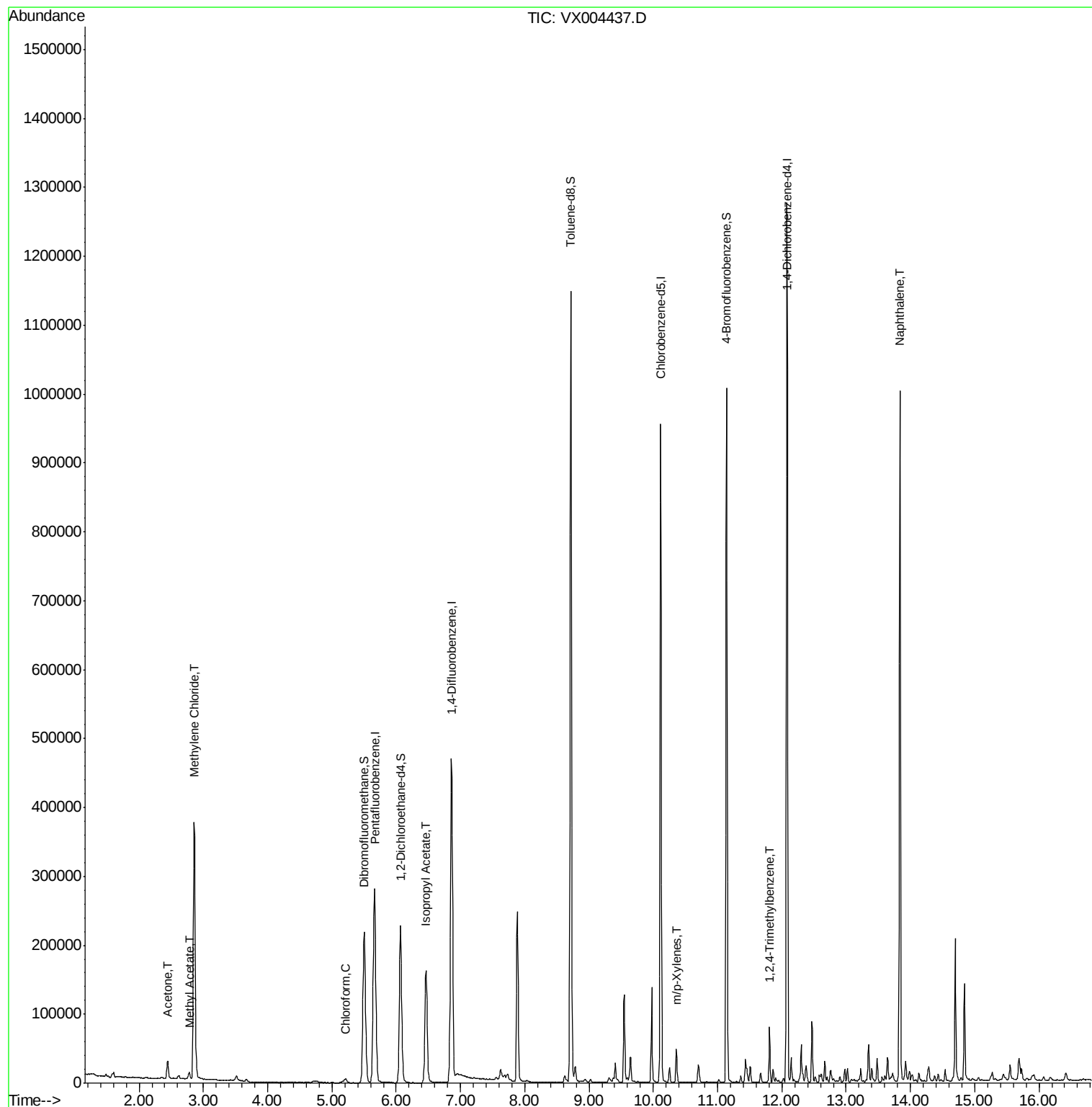
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	27366	9.78	ug/l	99
18) Methyl Acetate	2.78	43	11931	2.10	ug/l	98
20) Methylene Chloride	2.85	84	180407	49.02	ug/l	99
30) Chloroform	5.21	83	6726	1.08	ug/l	88
43) Isopropyl Acetate	6.46	43	211506	25.55	ug/l	99
68) m/p-Xylenes	10.36	106	11215	1.55	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	34969	2.29	ug/l	98
95) Naphthalene	13.83	128	621671	34.89	ug/l	100

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004437.D

Acq: 08 Sep 2018 05:25

Instrument :

MSVOA_X

ClientSampleId :

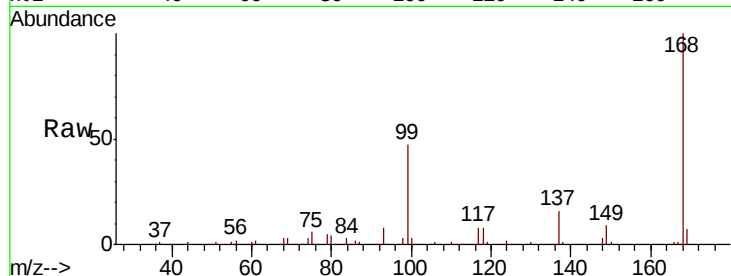
OR-02-090618-A

Tot Ion:168 Resp: 293337

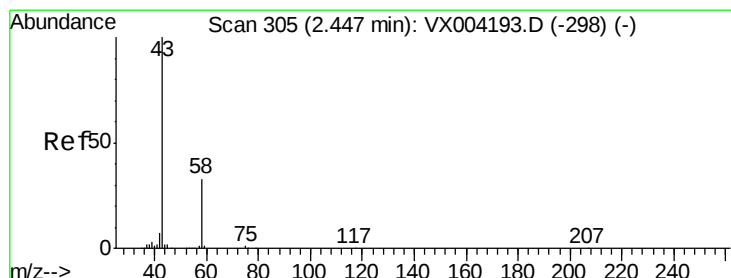
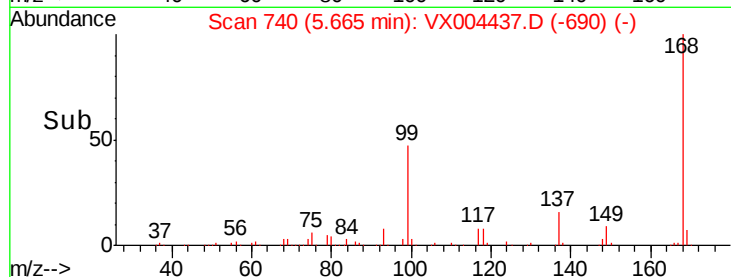
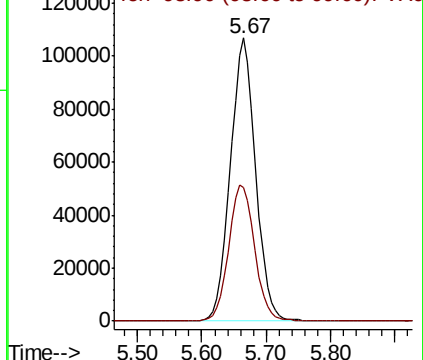
Ion Ratio Lower Upper

168 100

99 47.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004437.D (-690) (-)



#16

Acetone

Concen: 9.78 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004437.D

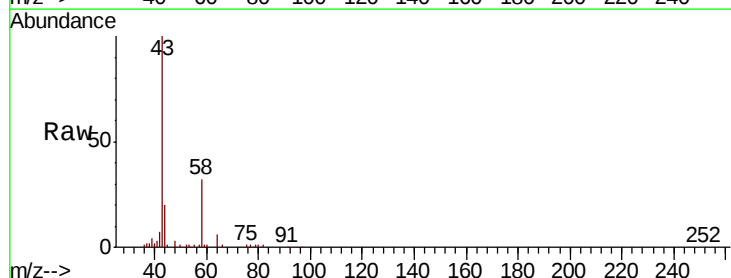
Acq: 08 Sep 2018 05:25

Tgt Ion: 43 Resp: 27366

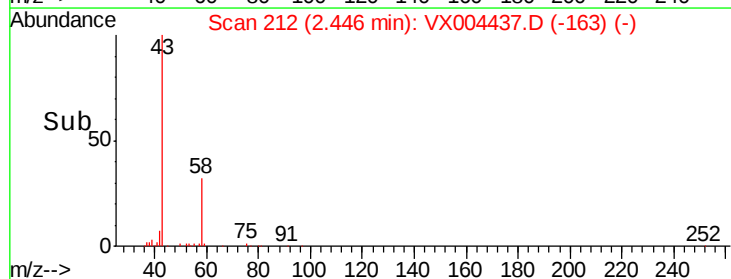
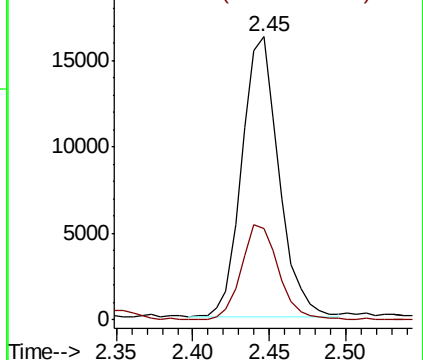
Ion Ratio Lower Upper

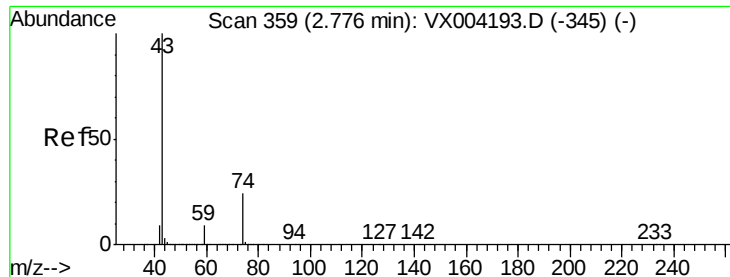
43 100

58 32.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX004437.D (-163) (-)

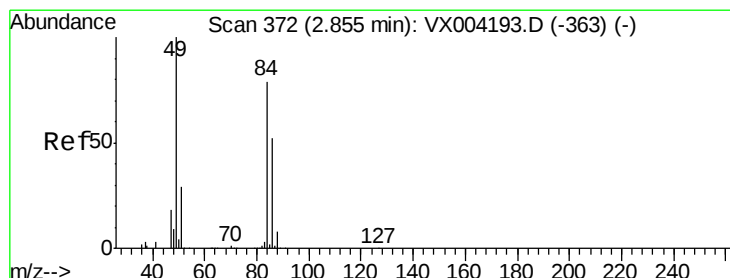
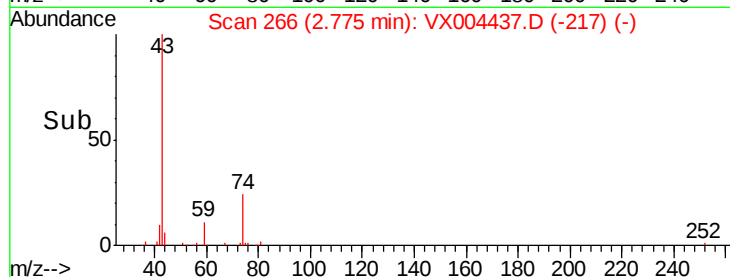
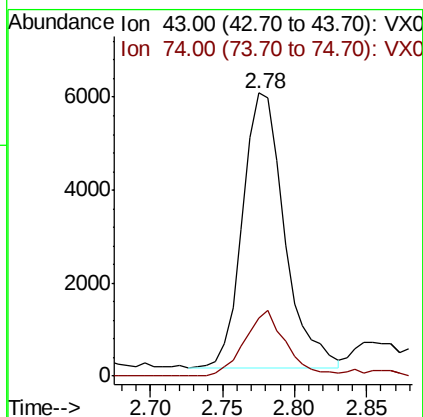
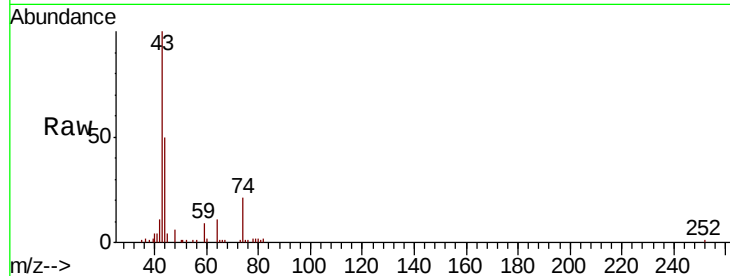




#18
Methvl Acetate
Concen: 2.10 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

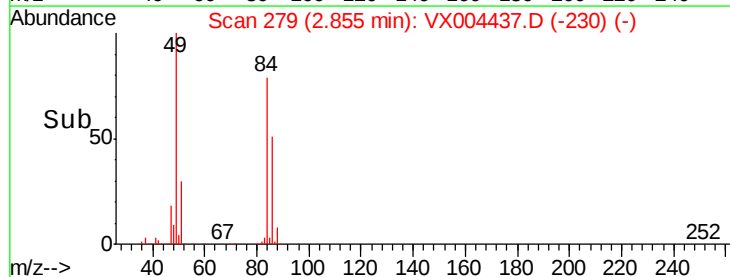
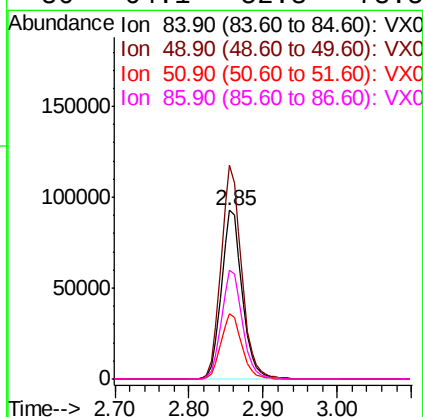
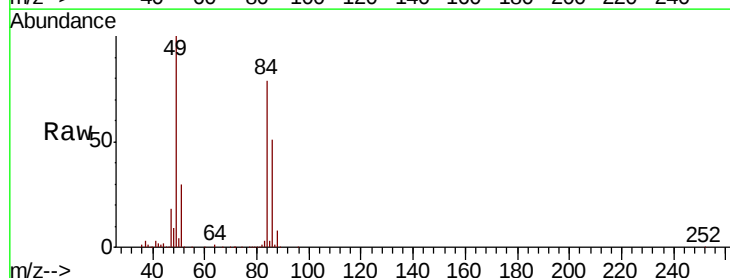
Instrument :
MSVOA_X
ClientSampleId :
OR-02-090618-A

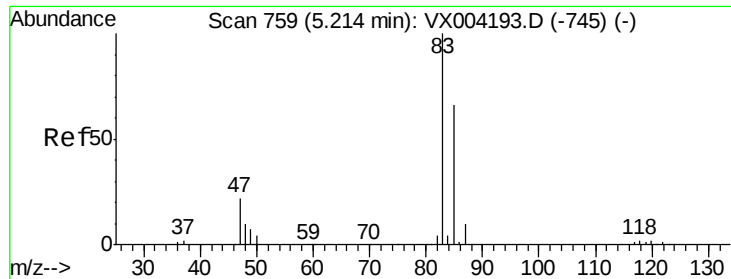
Tot Ion: 43 Resp: 11931
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2



#20
Methylene Chloride
Concen: 49.02 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 84 Resp: 180407
Ion Ratio Lower Upper
84 100
49 126.5 101.2 151.8
51 38.4 29.5 44.3
86 64.1 52.3 78.5

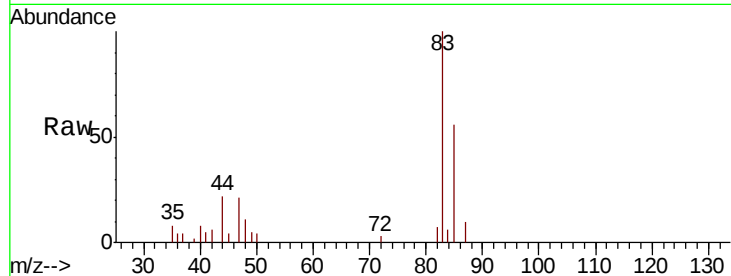




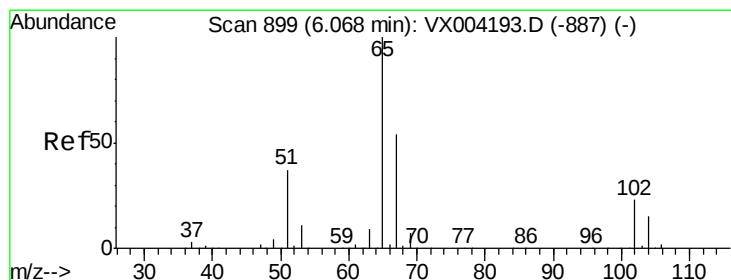
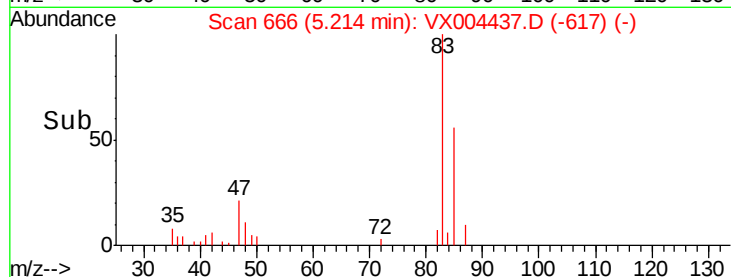
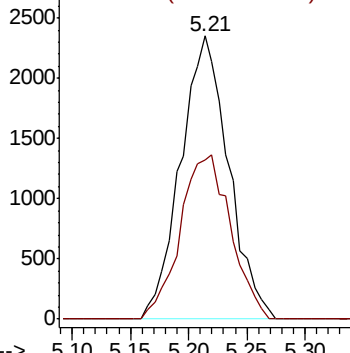
#30
Chloroform
Concen: 1.08 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Instrument :
MSVOA_X
ClientSampleId :
OR-02-090618-A

Tot Ion: 83 Resp: 6726
Ion Ratio Lower Upper
83 100
85 56.1 52.6 79.0

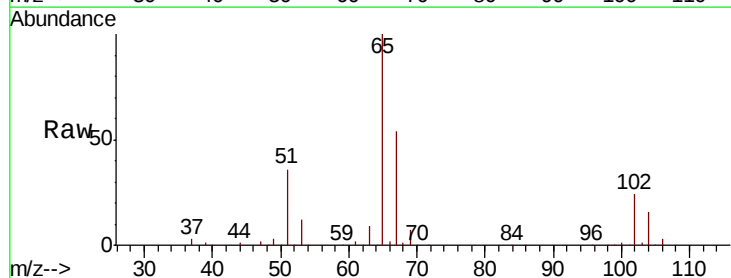


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

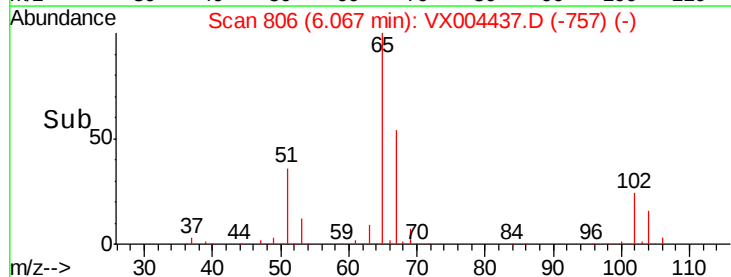
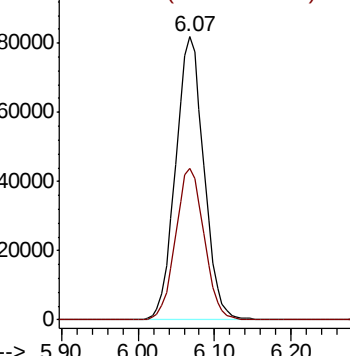


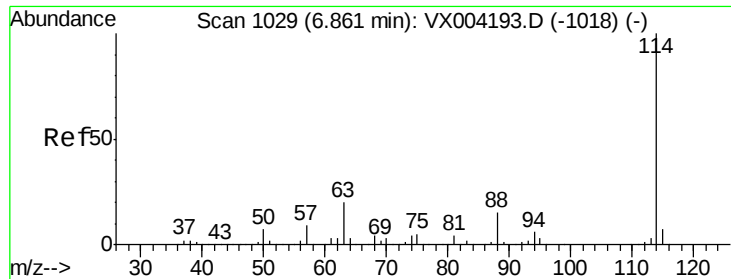
#33
1,2-Dichloroethane-d4
Concen: 54.73 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 65 Resp: 209236
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

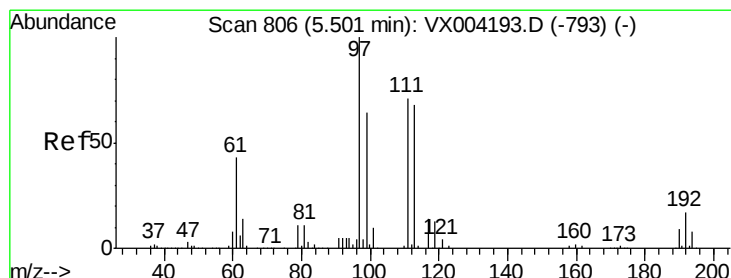
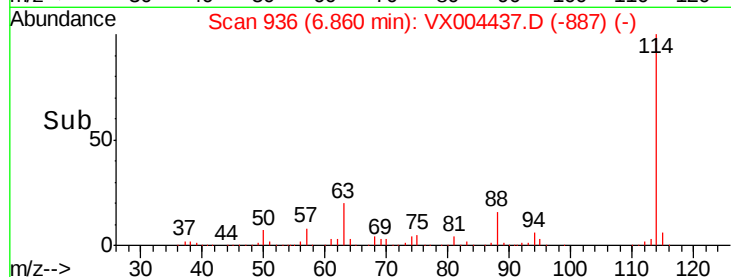
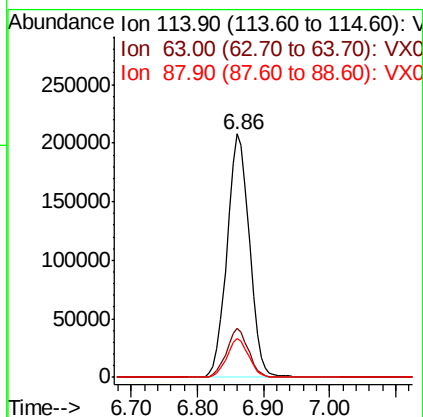
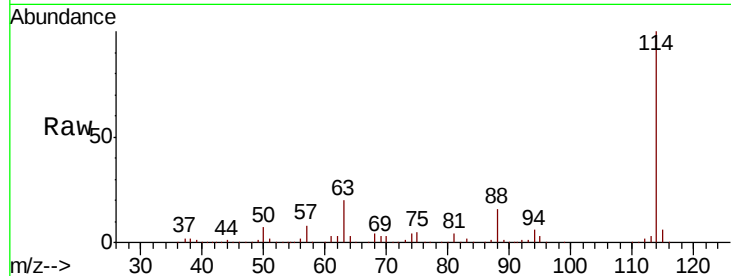




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

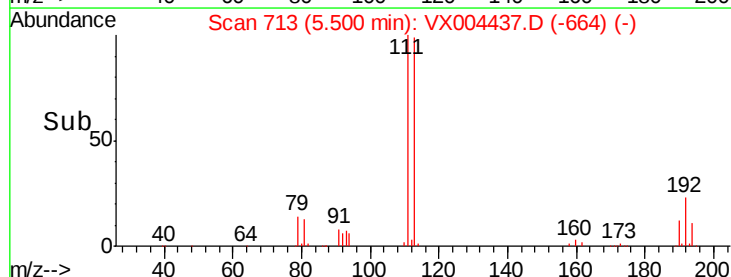
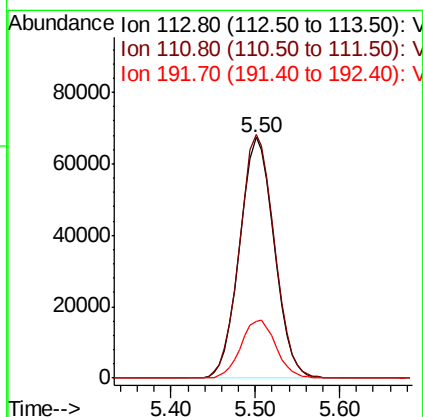
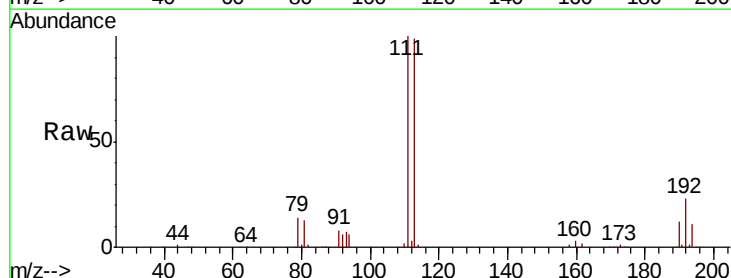
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

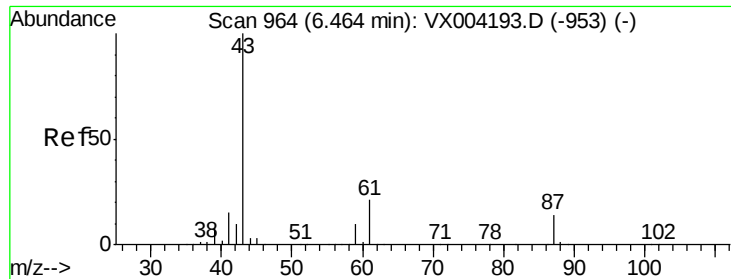
Tot Ion:114 Resp: 487266
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 16.0 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 51.65 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion:113 Resp: 187230
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 24.3 19.4 29.2



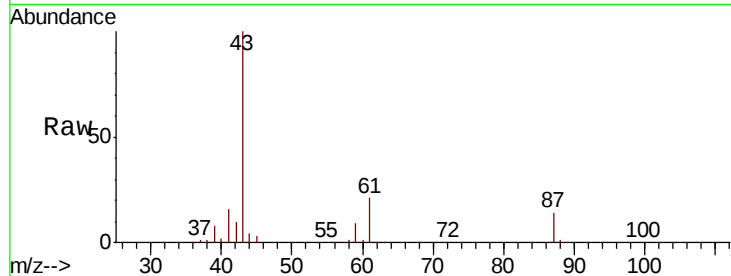


#43

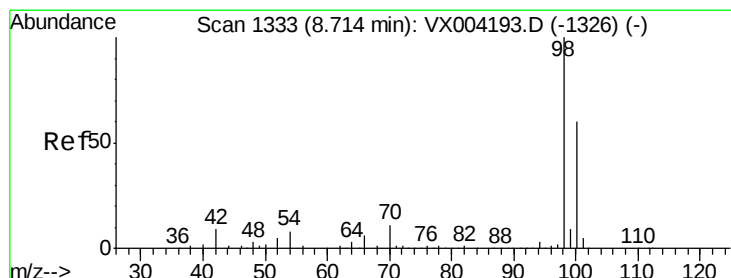
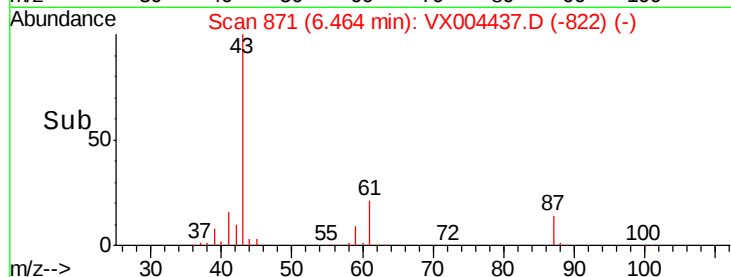
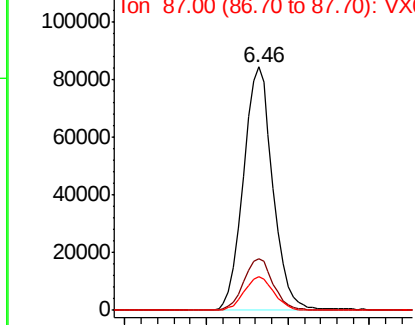
Isopropyl Acetate
 Concen: 25.55 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleID :
 OR-02-090618-A

Tot Ion: 43 Resp: 211506
 Ion Ratio Lower Upper
 43 100
 61 21.4 17.0 25.4
 87 13.8 11.4 17.2



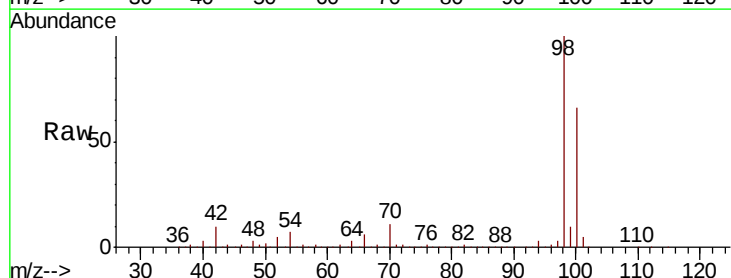
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



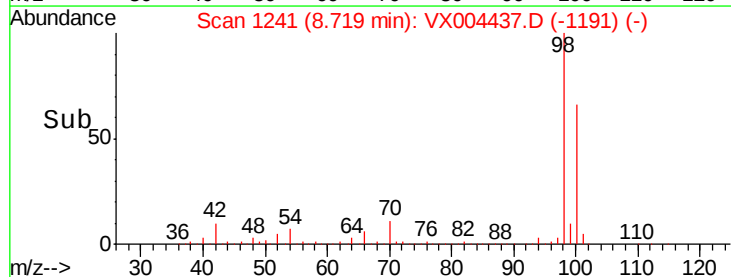
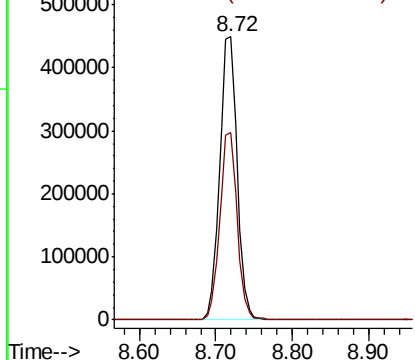
#50

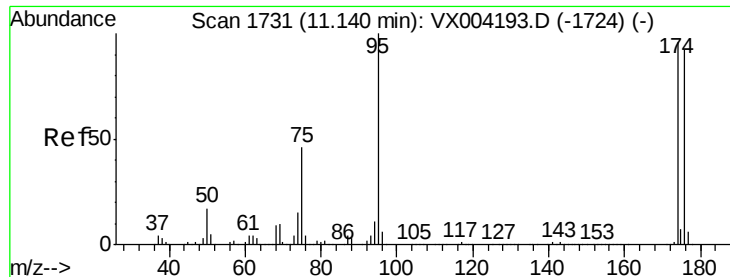
Toluene-d8
 Concen: 51.75 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion: 98 Resp: 708069
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.9 79.3



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

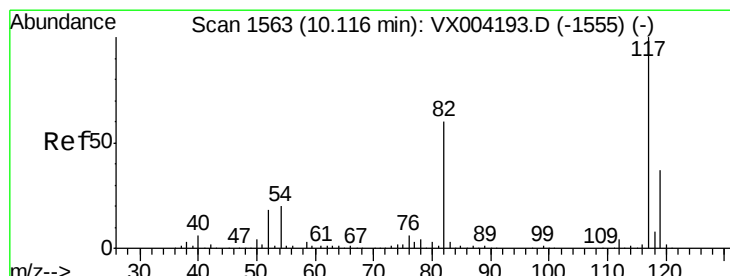
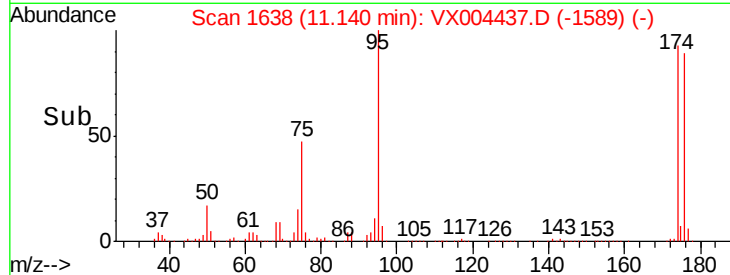
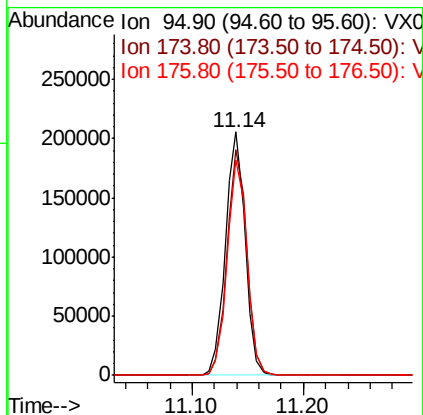
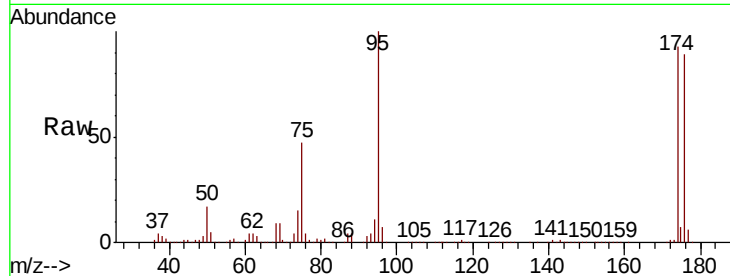




#62
4-Bromofluorobenzene
Concen: 49.15 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

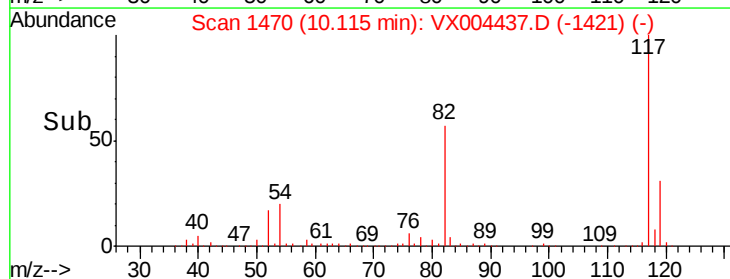
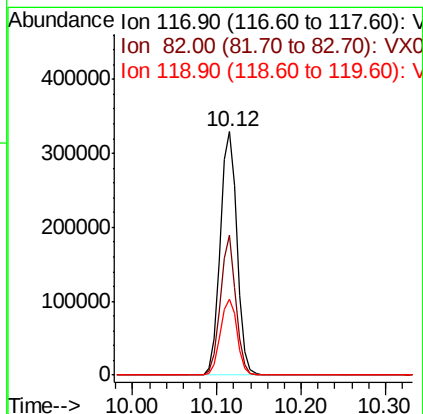
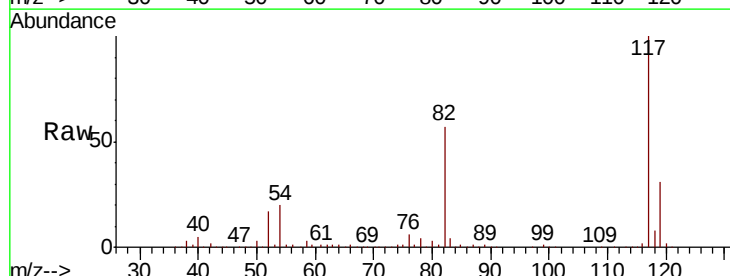
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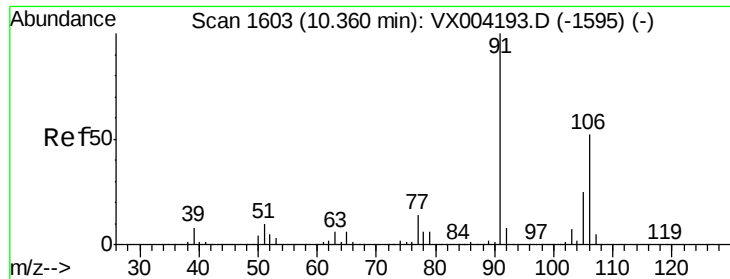
Tot Ion: 95 Resp: 250941
Ion Ratio Lower Upper
95 100
174 93.7 0.0 185.2
176 89.2 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion: 117 Resp: 455392
Ion Ratio Lower Upper
117 100
82 57.3 47.8 71.6
119 31.4 29.3 43.9

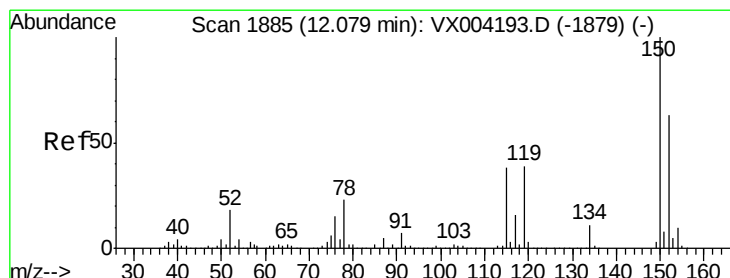
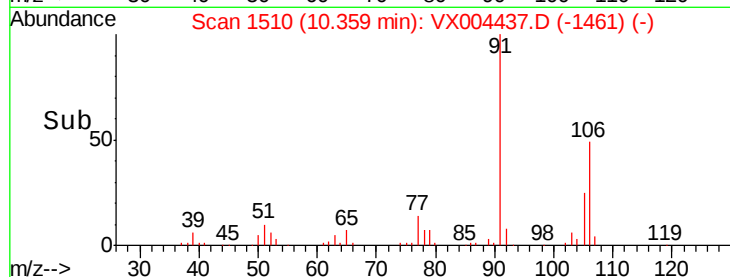
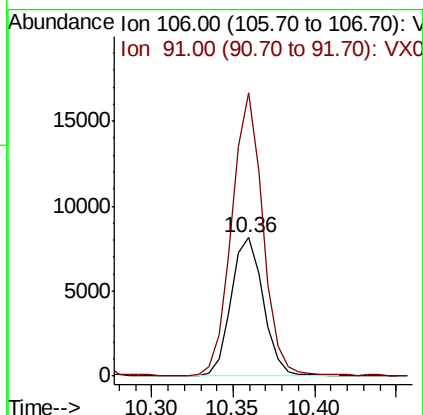
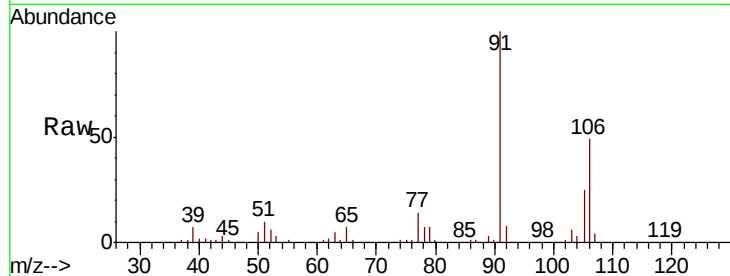




#68
m/p-Xvlenes
Concen: 1.55 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

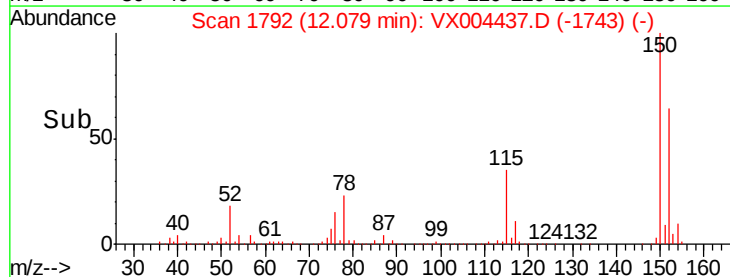
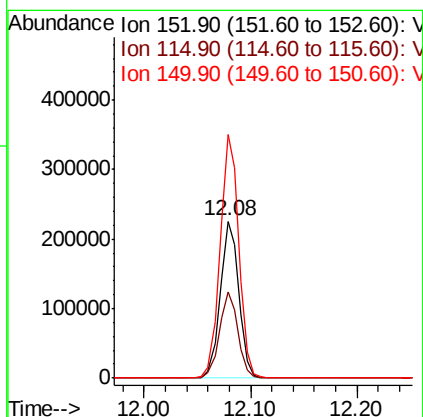
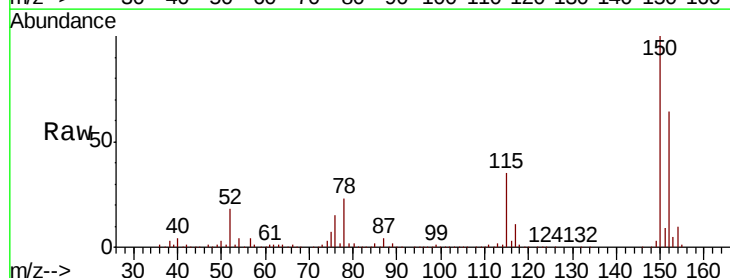
Instrument :
MSVOA_X
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OR-02-090618-A

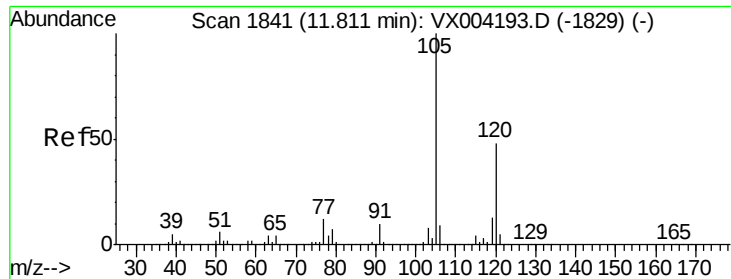
Tot Ion:106 Resp: 11215
Ion Ratio Lower Upper
106 100
91 198.7 157.1 235.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004437.D
Acq: 08 Sep 2018 05:25

Tgt Ion:152 Resp: 273113
Ion Ratio Lower Upper
152 100
115 54.0 39.0 117.0
150 156.1 0.0 351.0

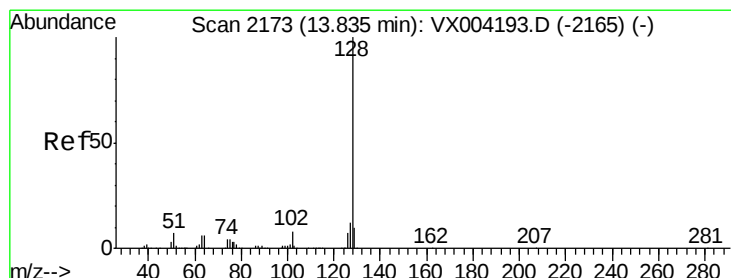
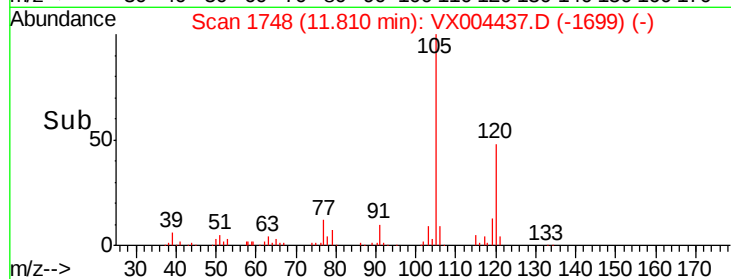
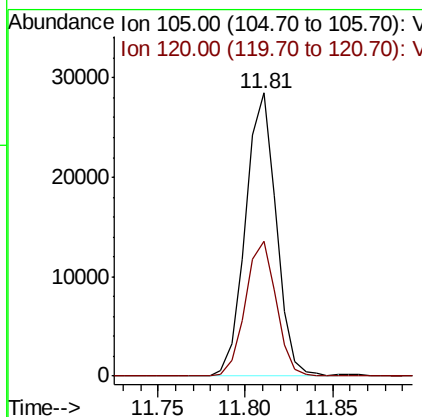
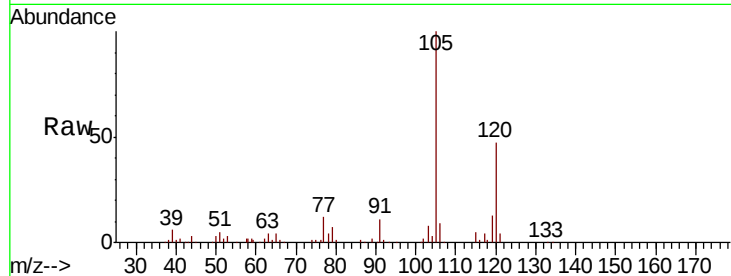




#84
 1,2,4-Trimethylbenzene
 Concen: 2.29 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-02-090618-A

Tot Ion:105 Resp: 34969
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.2 69.6



#95
 Naphthalene
 Concen: 34.89 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX004437.D
 Acq: 08 Sep 2018 05:25

Tgt Ion:128 Resp: 621671
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 11.0 8.6 12.8

