

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
 Data File : VX006176.D
 Acq On : 26 Nov 2018 15:38
 Operator : JC/MD
 Sample : J6044-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30003

Manual Integrations
 APPROVED

MMDadoda
 11/27/2018 11:43:26 AM

Quant Time: Nov 27 09:31:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235362	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	199086	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	5.51	113	160094	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	8.71	98	603473	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.14	95	222177	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	844343	1046.10	ug/l	98
16) Acetone	2.45	43	1227323	728.95	ug/l	99
18) Methyl Acetate	2.78	43	55816	12.93	ug/l	100
20) Methylene Chloride	2.86	84	125540	49.26	ug/l	98
25) 2-Butanone	4.70	43	1013420	324.28	ug/l	98
29) Tetrahydrofuran	5.17	42	7858	4.03	ug/l #	73
51) 4-Methyl-2-Pentanone	8.65	43	8661	1.43	ug/l	93
52) Toluene	8.79	92	10070	1.21	ug/l	94
59) 2-Hexanone	9.49	43	72805	15.12	ug/l	98
68) m/p-Xylenes	10.36	106	7315	1.20	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	28348m	2.31	ug/l	

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

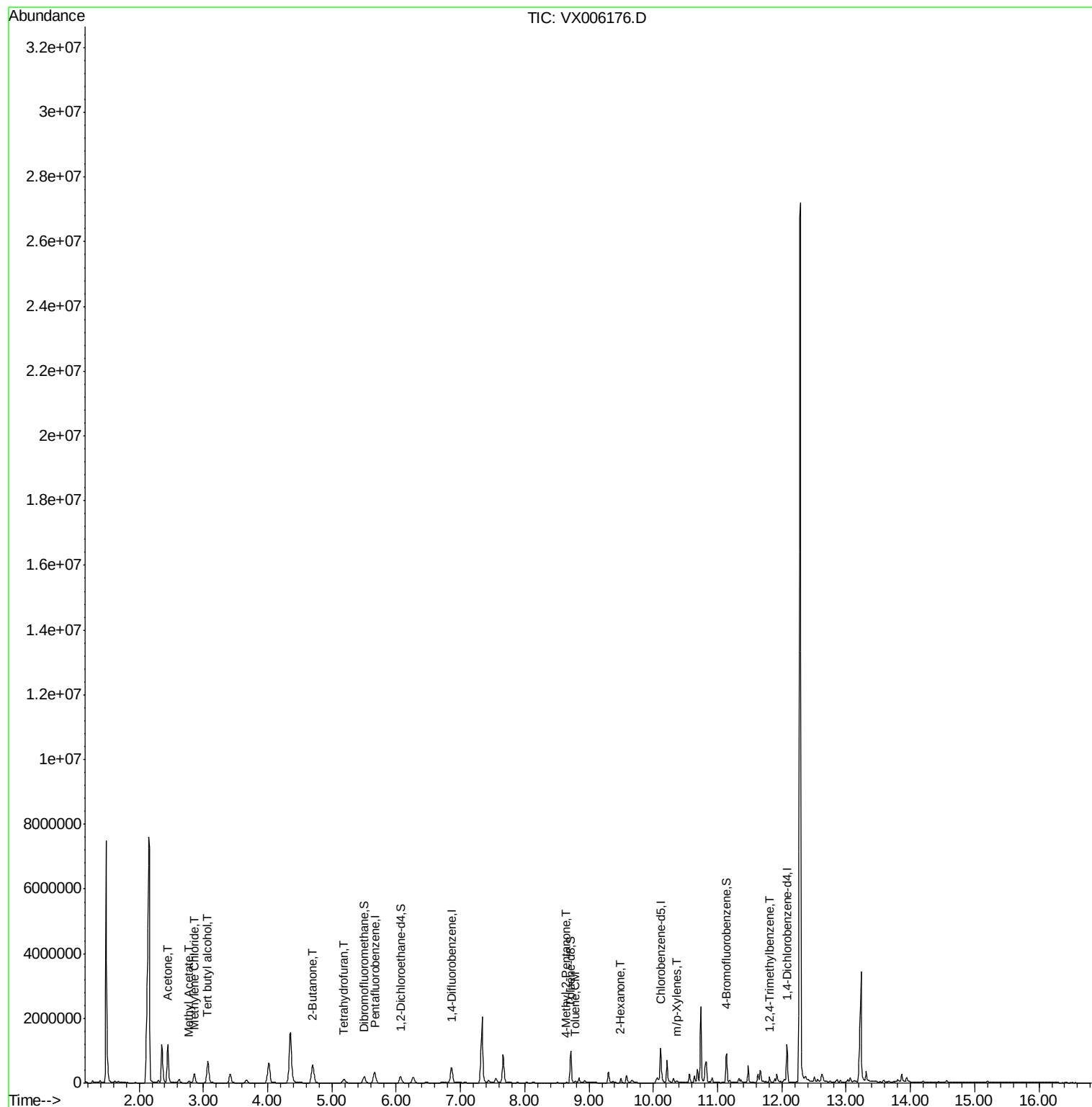
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112618\
Data File : VX006176.D
Acq On : 26 Nov 2018 15:38
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

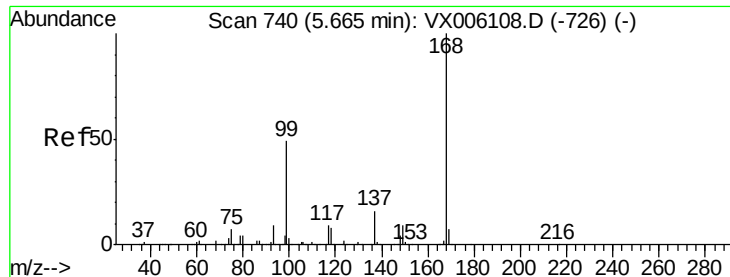
Instrument :
MSVOA_X
ClientSampleId :
30003

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Quant Time: Nov 27 09:31:21 2018
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006176.D

Acq: 26 Nov 2018 15:38

Instrument :

MSVOA_X

ClientSampled :

30003

Tgt Ion: 168 Resp: 327442

Ion Ratio Lower Upper

168 100

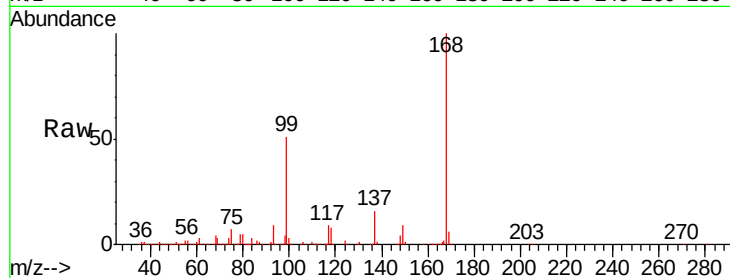
99 50.5 39.2 58.8

Manual Integrations

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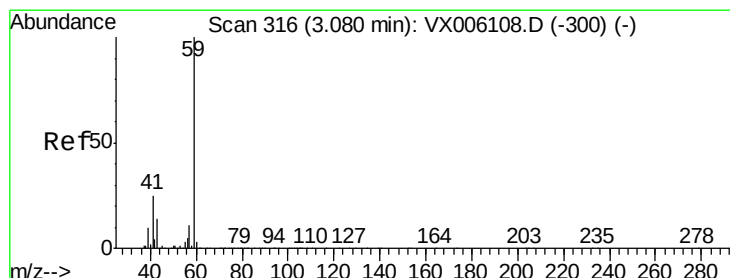
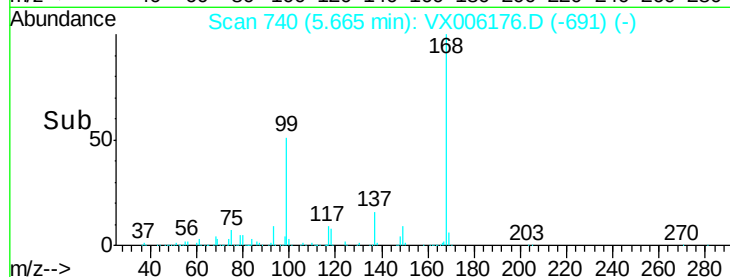
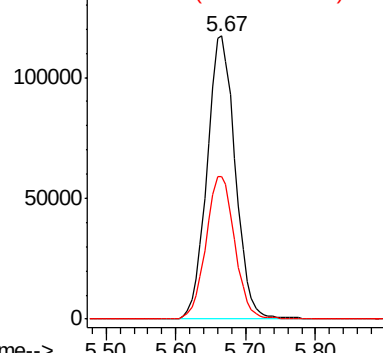
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 1046.10 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX006176.D

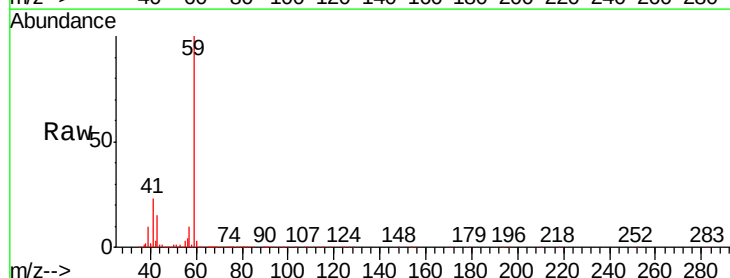
Acq: 26 Nov 2018 15:38

Tgt Ion: 59 Resp: 844343

Ion Ratio Lower Upper

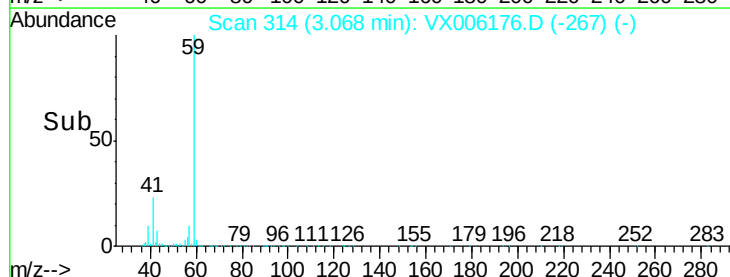
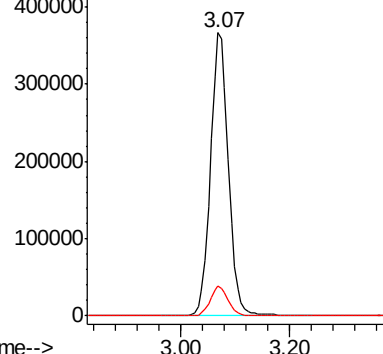
59 100

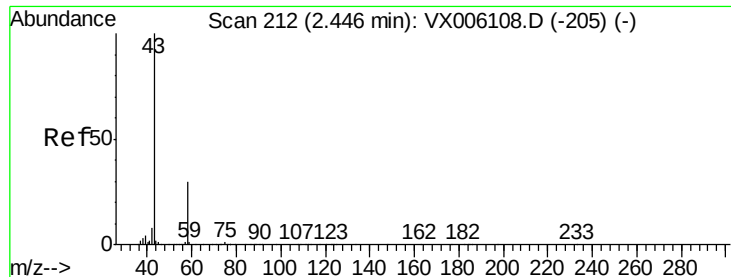
57 10.2 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





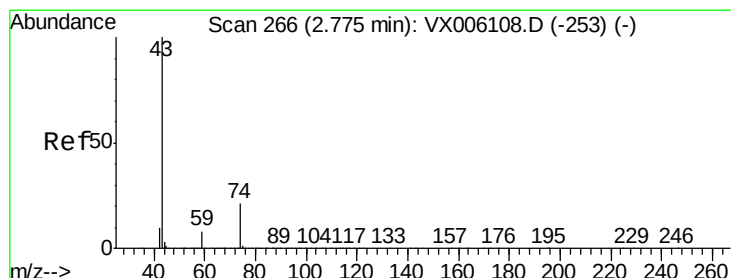
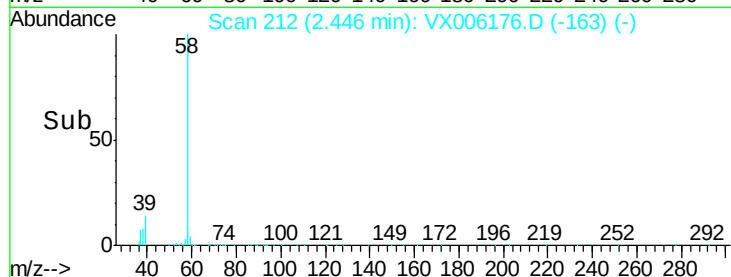
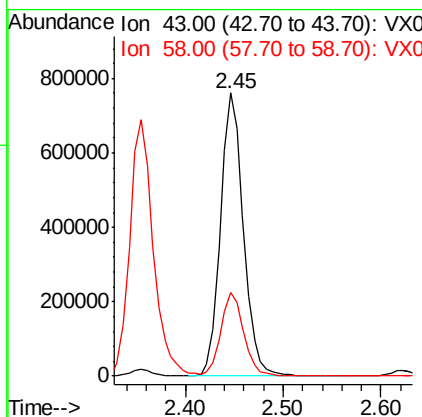
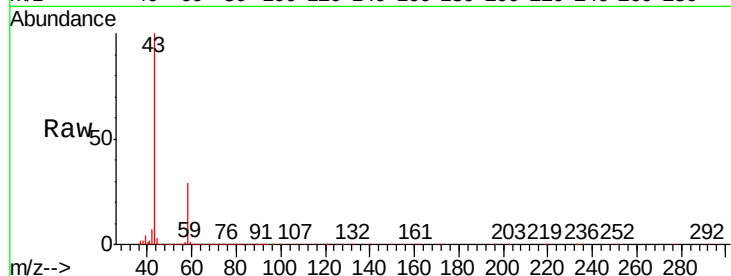
#16
Acetone
Concen: 728.95 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Instrument :
MSVOA_X
ClientSampled :
30003

Tgt Ion: 43 Resp: 1227323
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.8

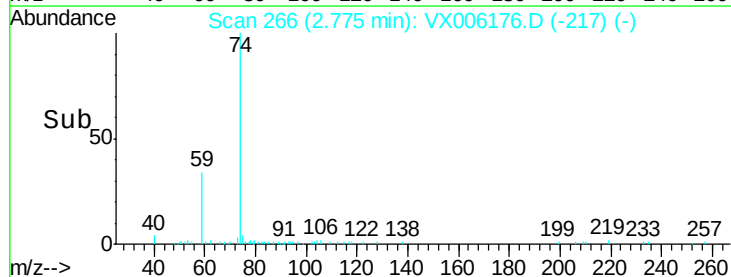
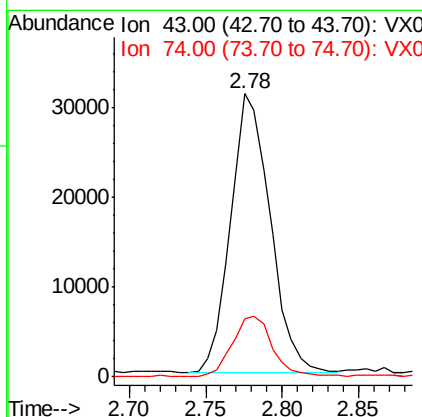
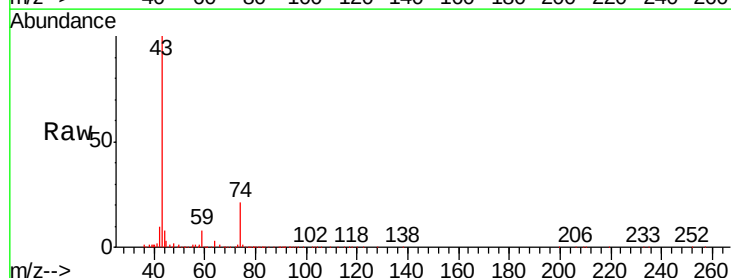
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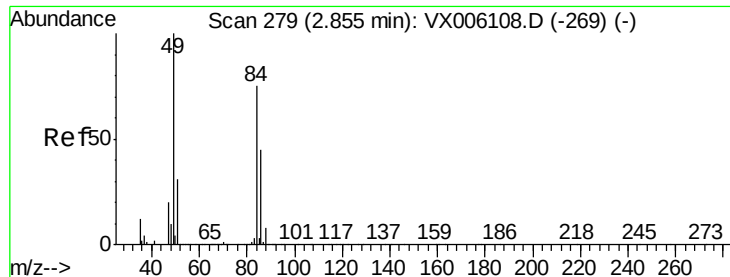
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#18
Methyl Acetate
Concen: 12.93 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Tgt Ion: 43 Resp: 55816
Ion Ratio Lower Upper
43 100
74 21.6 17.3 25.9





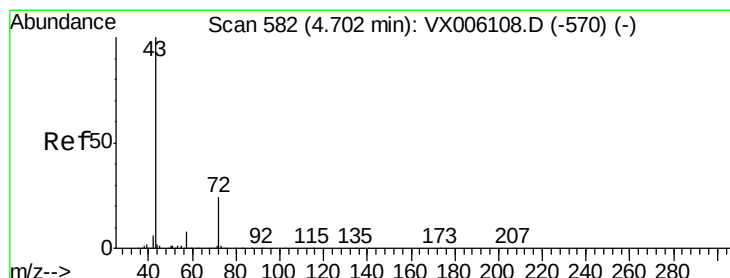
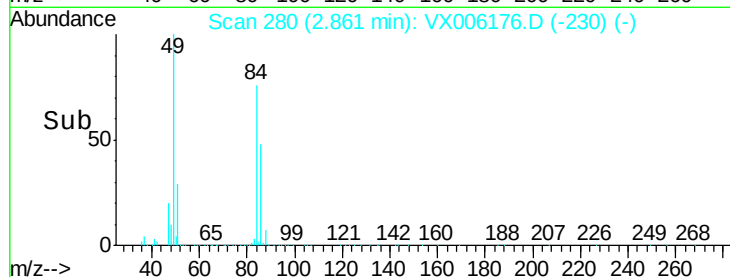
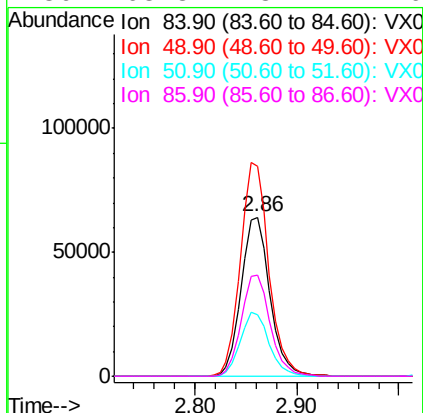
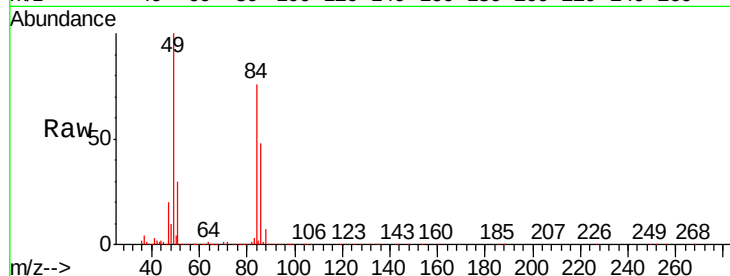
#20
Methylene Chloride
Concen: 49.26 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Instrument :
MSVOA_X
ClientSampled :
30003

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.7	106.6	159.8
51	38.7	32.6	49.0
86	63.3	48.4	72.6

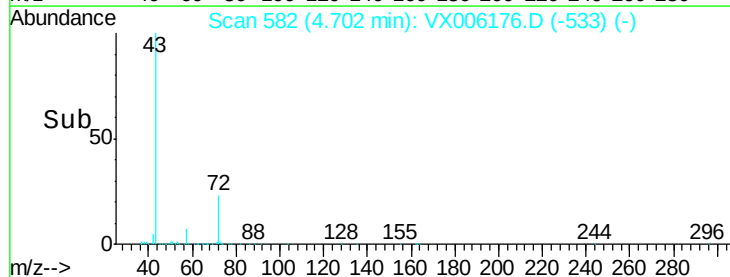
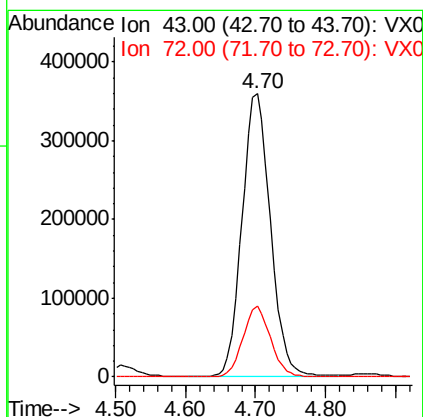
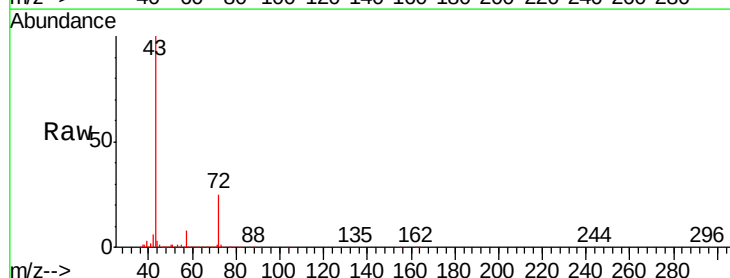
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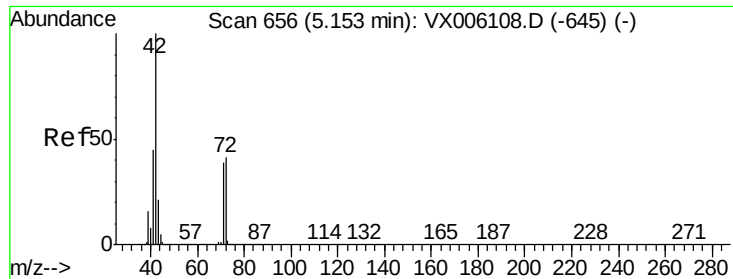
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#25
2-Butanone
Concen: 324.28 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.2	28.8





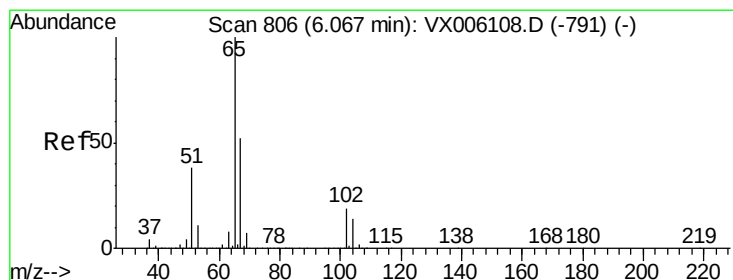
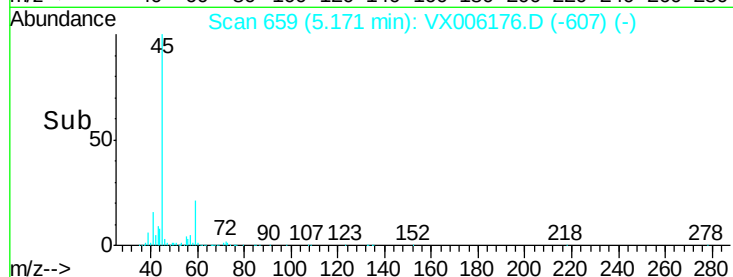
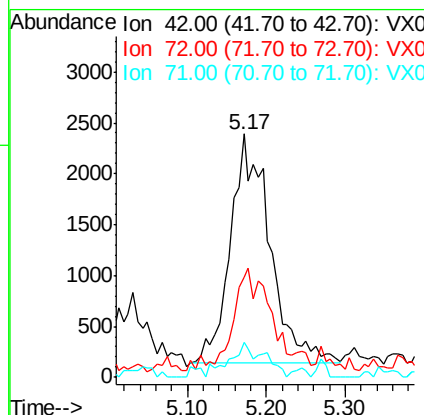
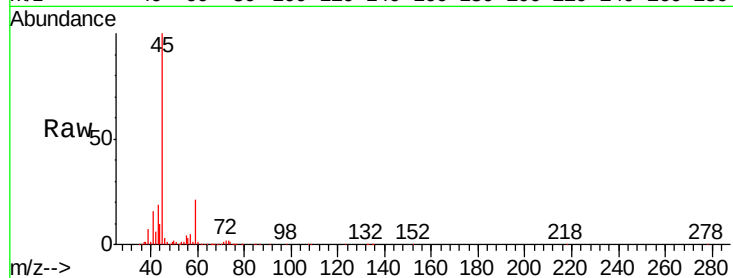
#29
Tetrahydrofuran
Concen: 4.03 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Instrument :
MSVOA_X
ClientSampled :
30003

Tgt Ion	Ratio	Lower	Upper
42	100		
72	37.1	33.0	49.6
71	8.5	31.0	46.4#

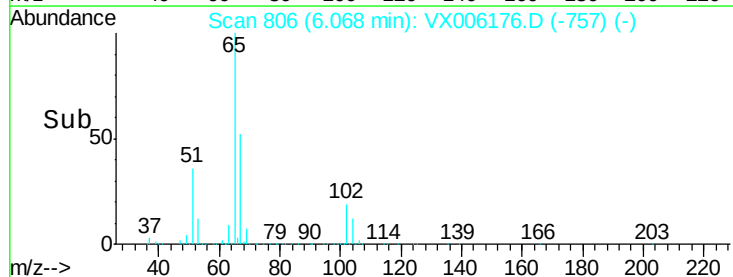
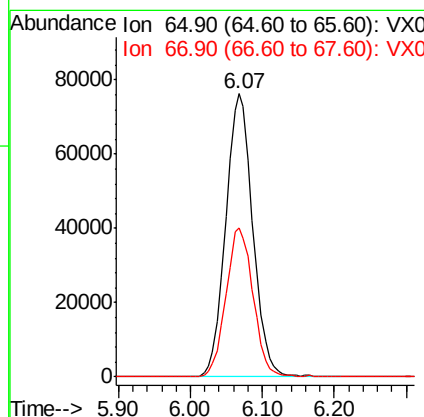
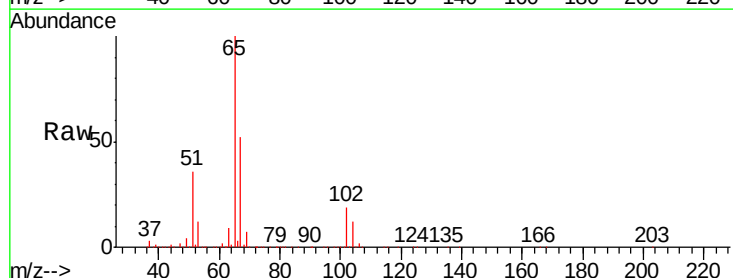
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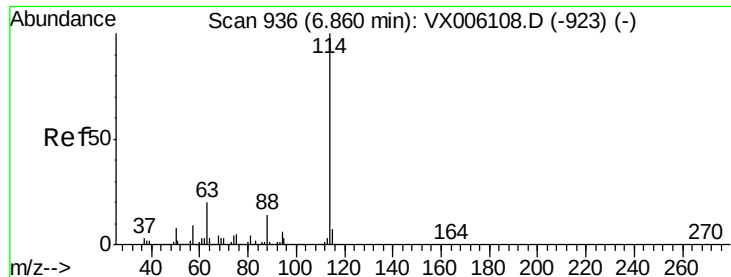
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#33
1,2-Dichloroethane-d4
Concen: 52.47 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006176.D

Acq: 26 Nov 2018 15:38

Instrument :

MSVOA_X

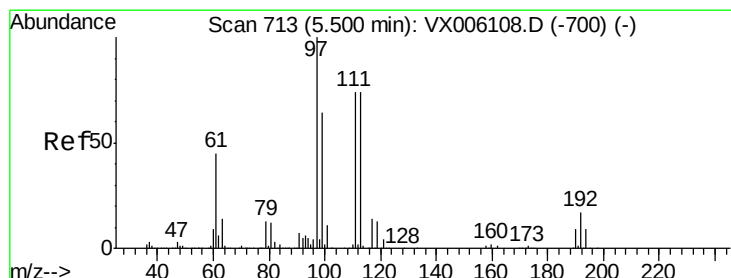
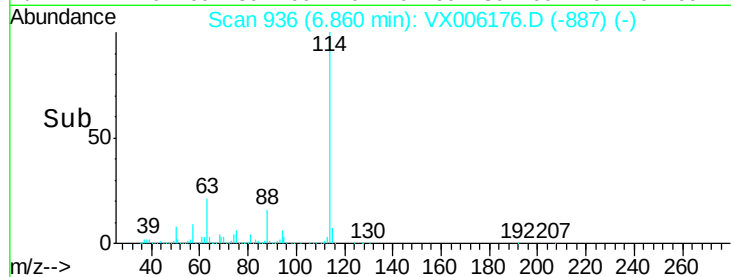
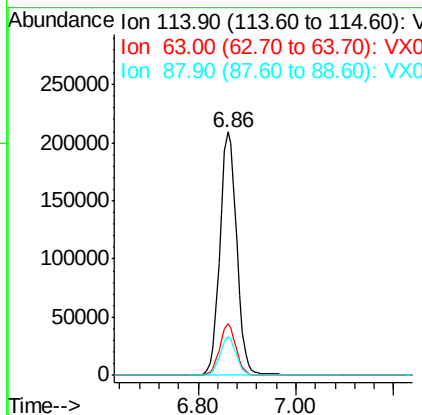
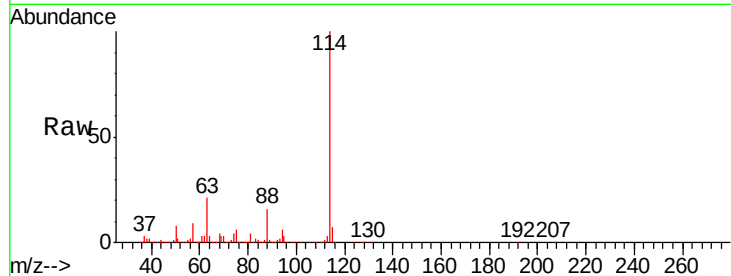
ClientSampled :

30003

Tgt Ion:	114	Resp:	500853
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	39.2
88	15.7	0.0	28.6

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#35

Dibromofluoromethane

Concen: 49.79 ug/l

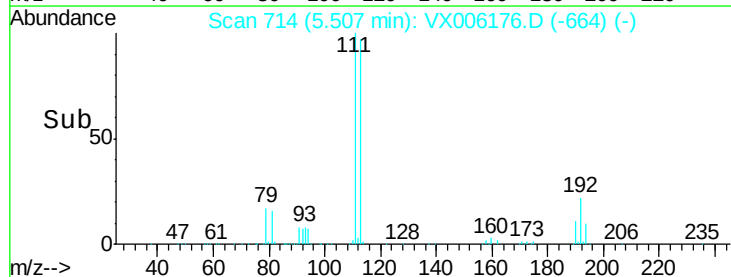
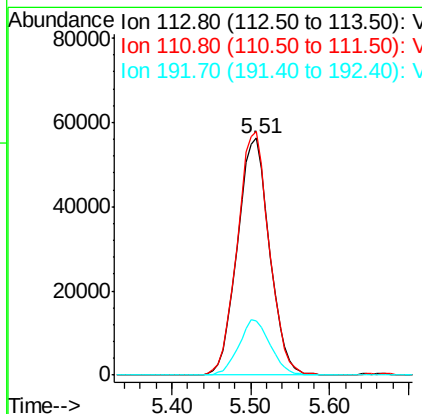
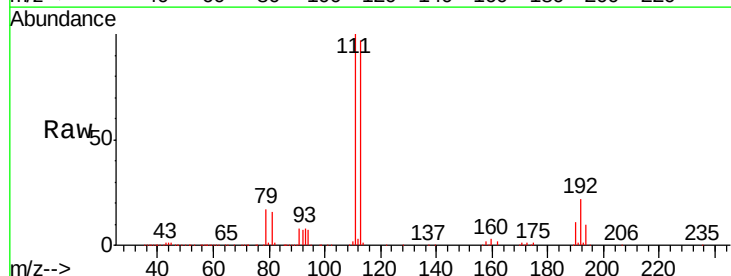
RT: 5.51 min Scan# 714

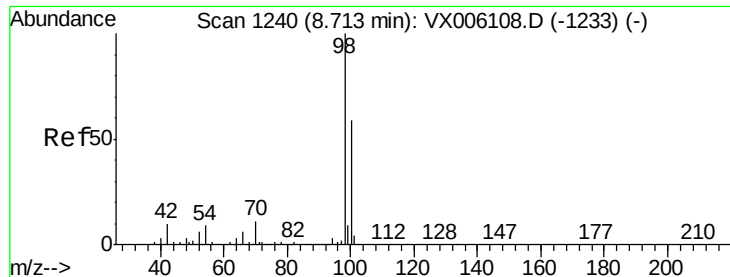
Delta R.T. 0.01 min

Lab File: VX006176.D

Acq: 26 Nov 2018 15:38

Tgt Ion:	113	Resp:	160094
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.5	122.3
192	22.8	18.6	28.0





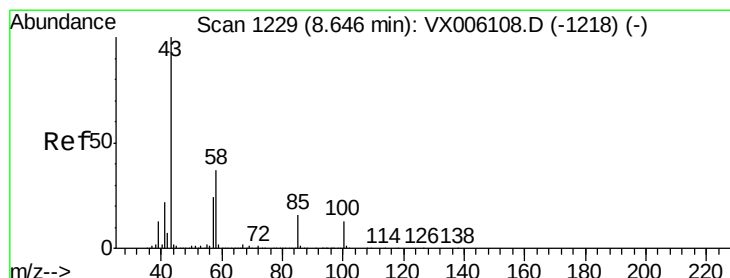
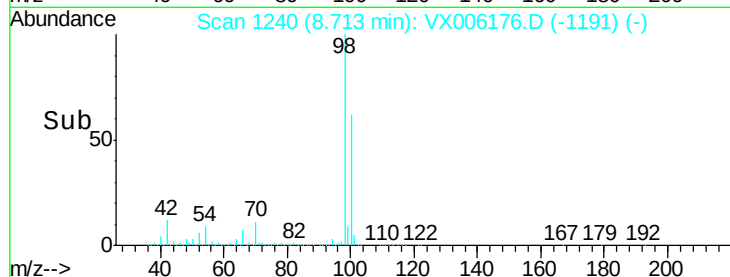
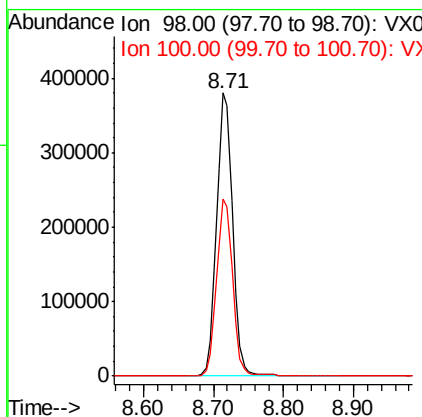
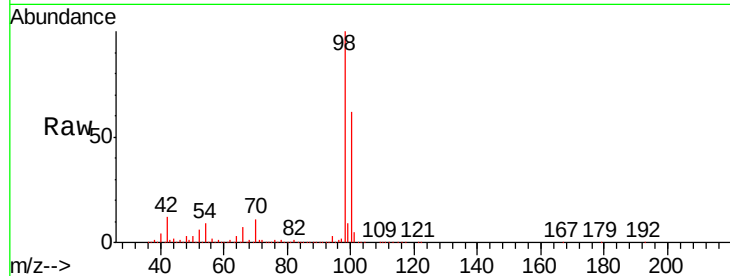
#50
Toluene-d8
Concen: 49.21 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :
30003

Tgt Ion: 98 Resp: 603473
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4

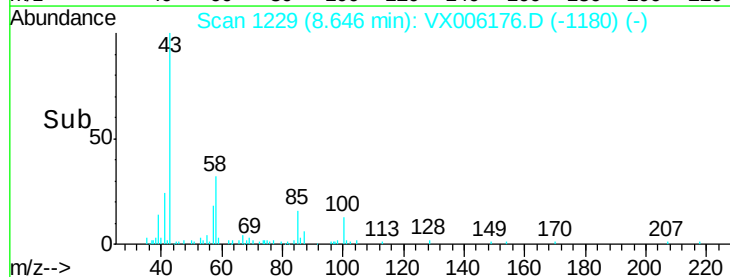
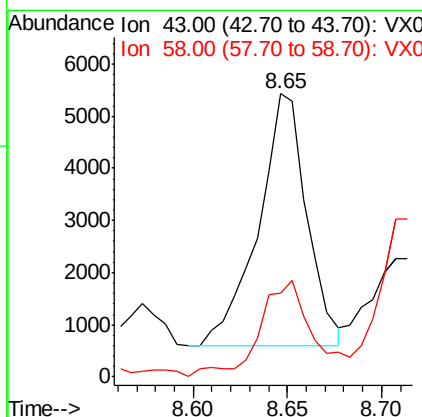
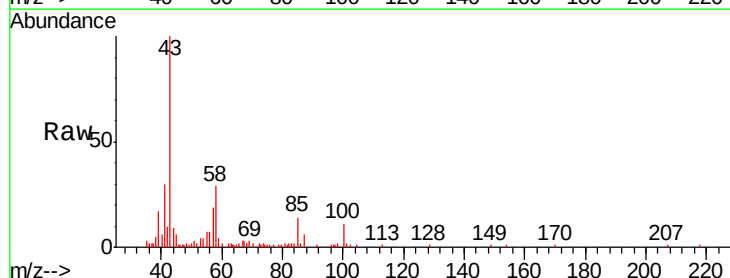
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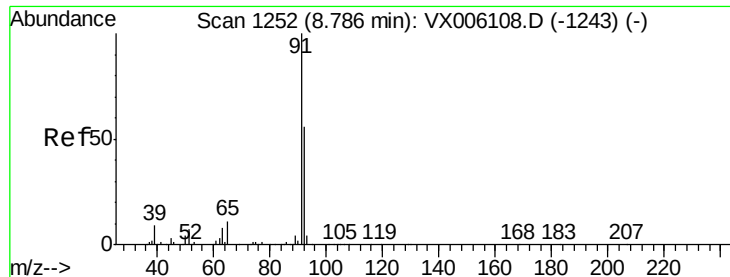
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#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Tgt Ion: 43 Resp: 8661
Ion Ratio Lower Upper
43 100
58 41.9 29.9 44.9





#52

Toluene

Concen: 1.21 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006176.D

Acq: 26 Nov 2018 15:38

Instrument :

MSVOA_X

ClientSampled :

30003

Tgt Ion: 92 Resp: 10070

Ion Ratio Lower Upper

92 100

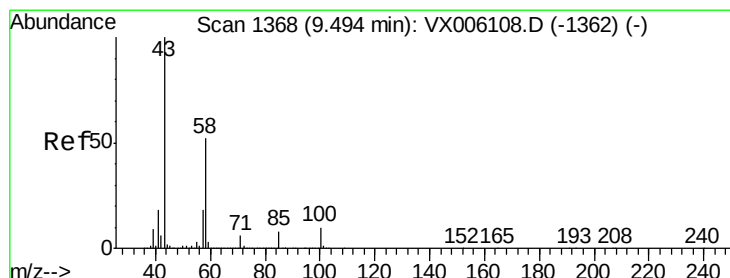
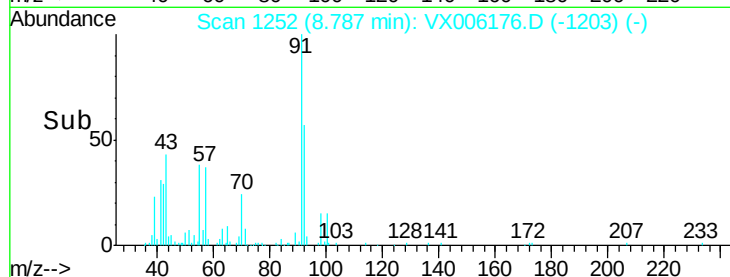
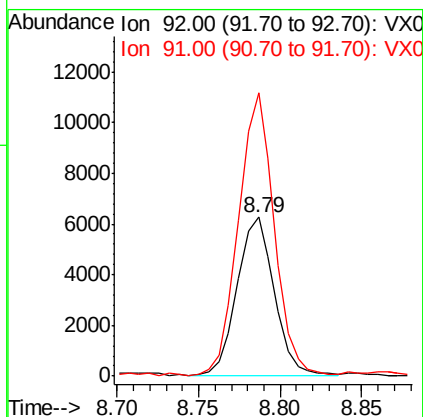
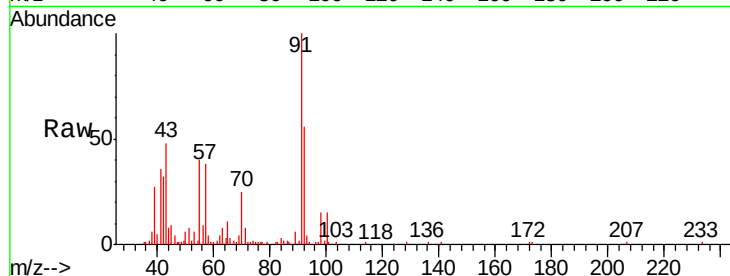
91 170.1 142.5 213.7

Manual Integrations

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#59

2-Hexanone

Concen: 15.12 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006176.D

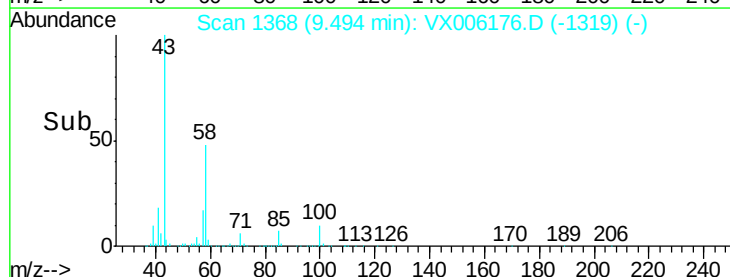
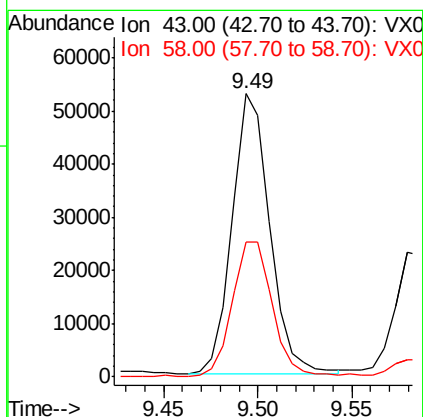
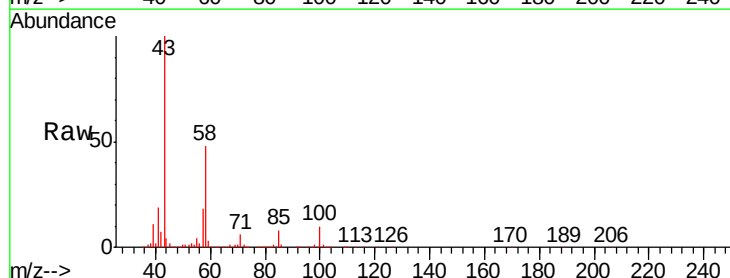
Acq: 26 Nov 2018 15:38

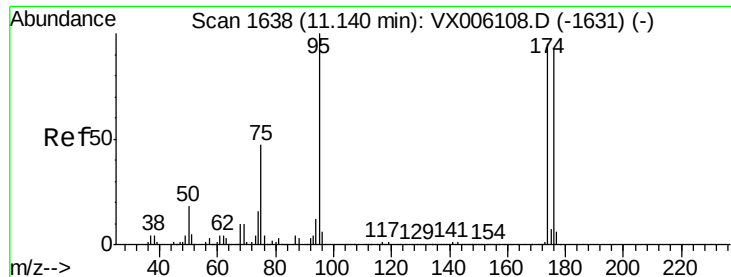
Tgt Ion: 43 Resp: 72805

Ion Ratio Lower Upper

43 100

58 51.4 26.3 78.9





#62

4-Bromofluorobenzene

Concen: 48.29 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006176.D

Acq: 26 Nov 2018 15:38

Instrument :

MSVOA_X

ClientSampled :

30003

Tgt Ion: 95 Resp: 222177

Ion Ratio Lower Upper

95 100

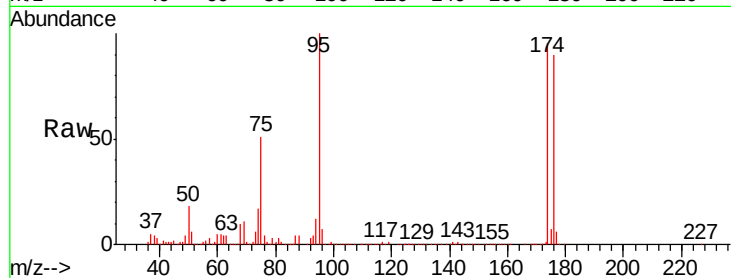
174 91.4 0.0 184.4

176 88.0 0.0 179.0

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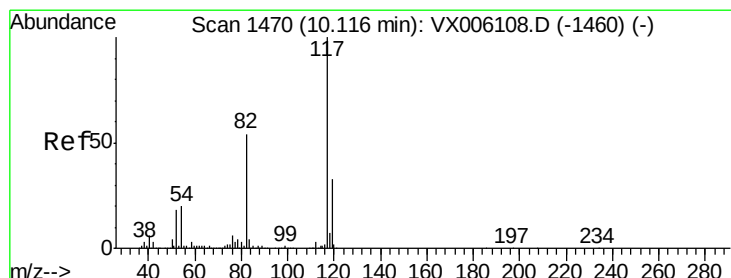
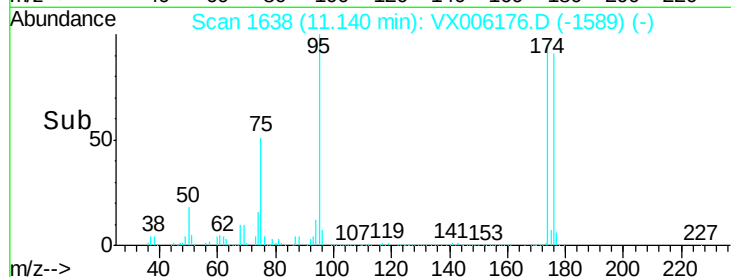
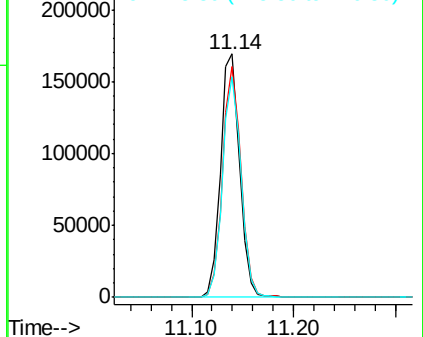
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Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006176.D

Acq: 26 Nov 2018 15:38

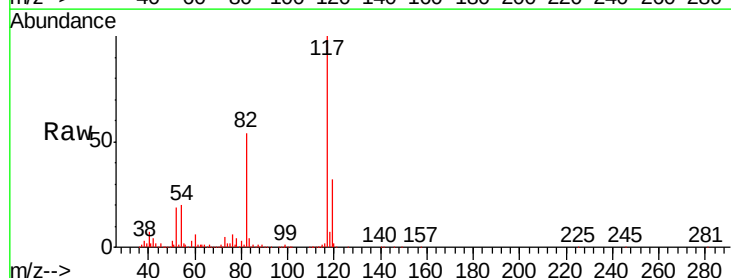
Tgt Ion: 117 Resp: 465980

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

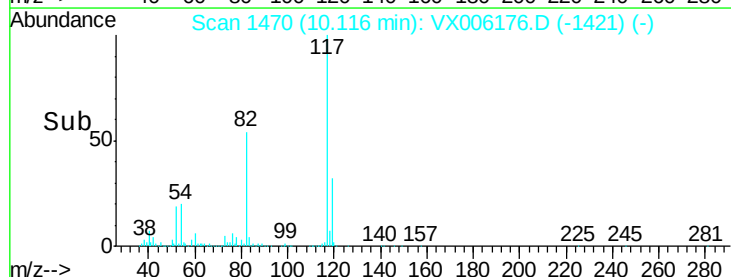
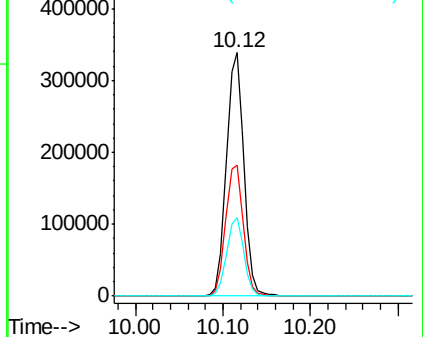
119 32.4 26.1 39.1

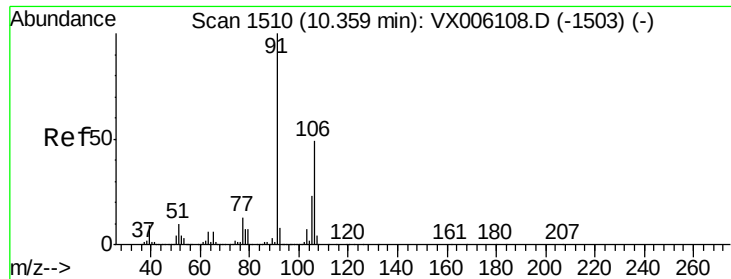


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





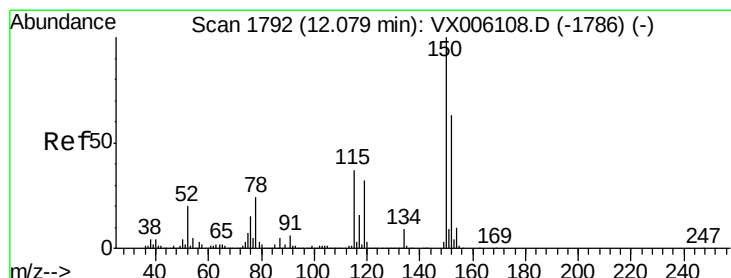
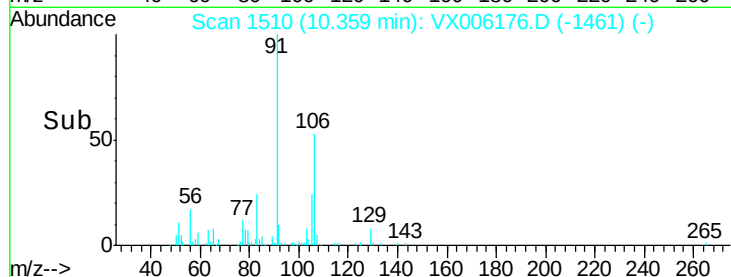
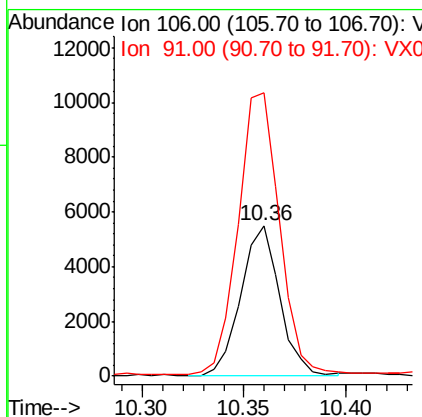
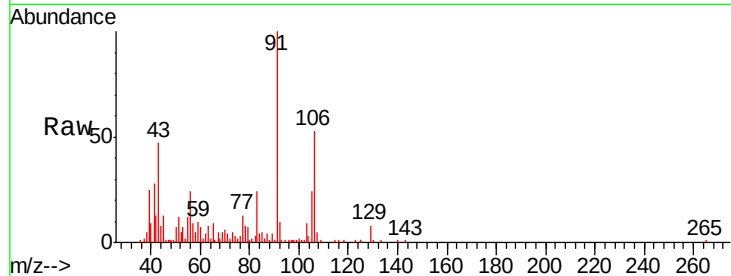
#68
m/p-Xylenes
Concen: 1.20 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Instrument :
MSVOA_X
ClientSampled :
30003

Tgt Ion:106 Resp: 7315
Ion Ratio Lower Upper
106 100
91 198.1 162.0 243.0

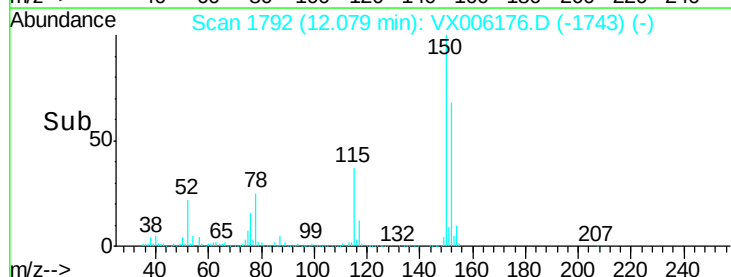
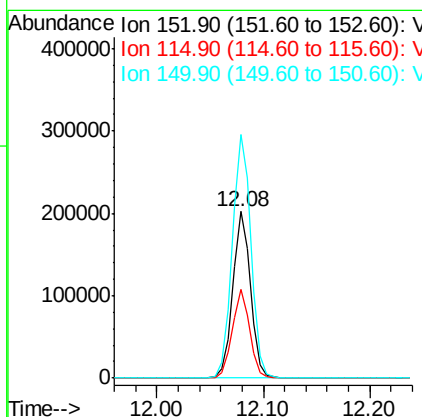
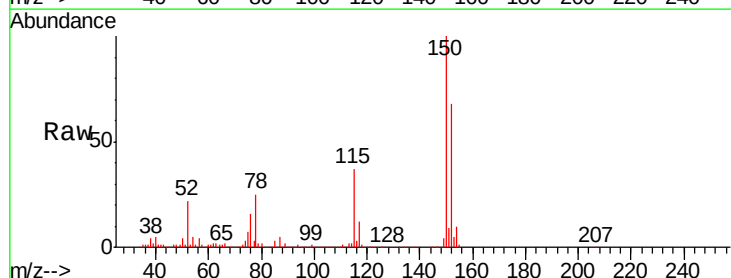
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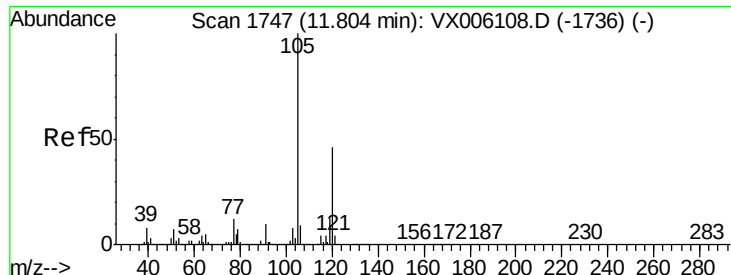
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006176.D
Acq: 26 Nov 2018 15:38

Tgt Ion:152 Resp: 235362
Ion Ratio Lower Upper
152 100
115 52.6 39.0 116.9
150 154.2 0.0 346.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.31 ug/l m
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006176.D
 Acq: 26 Nov 2018 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 30003

Tgt Ion	Ratio	Lower	Upper
105	100		
120	2.4	22.7	68.0#

Manual Integrations
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MMDadoda
 11/27/2018 11:43:26 AM

