

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001129.D
 Acq On : 25 Apr 2018 19:29
 Operator : JC/MD
 Sample : J2501-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FADW4807L

Quant Time: Apr 25 19:54:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315728	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147805	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	151000	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
35) Dibromofluoromethane	5.51	113	114007	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	8.72	98	439943	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.14	95	145098	38.84	ug/l	0.00
Spiked Amount			Recovery	=	77.68%	

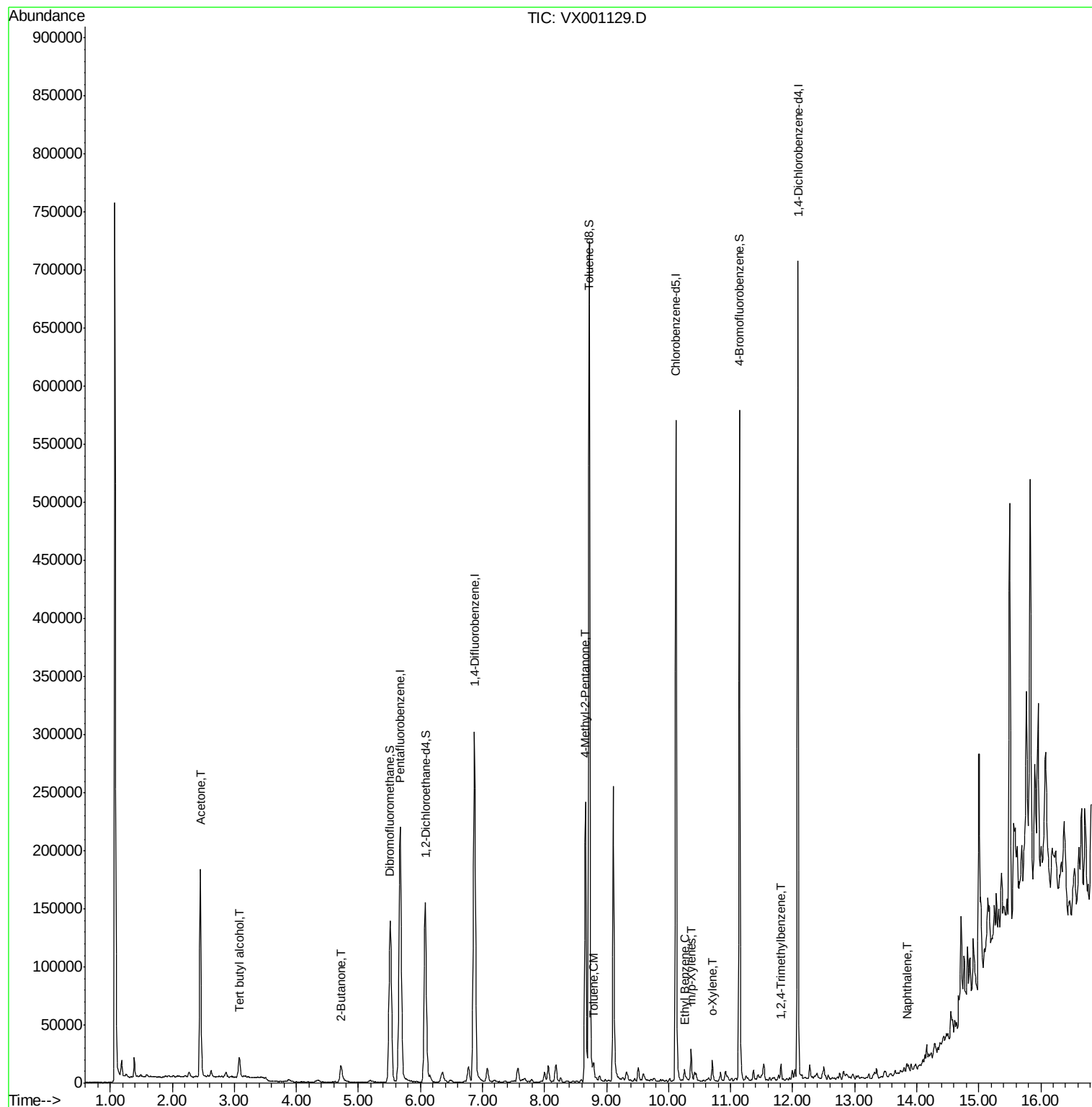
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.08	59	21239	48.88	ug/l	97
16) Acetone	2.45	43	192832	177.74	ug/l	100
25) 2-Butanone	4.71	43	25388	14.99	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	148033	41.76	ug/l	96
52) Toluene	8.79	92	3500	0.52	ug/l	94
67) Ethyl Benzene	10.26	91	4583	0.38	ug/l	100
68) m/p-Xylenes	10.37	106	6179	1.30	ug/l	94
69) o-Xylene	10.71	106	3688	0.81	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	4087	0.48	ug/l	99
95) Naphthalene	13.84	128	4657	0.44	ug/l	96

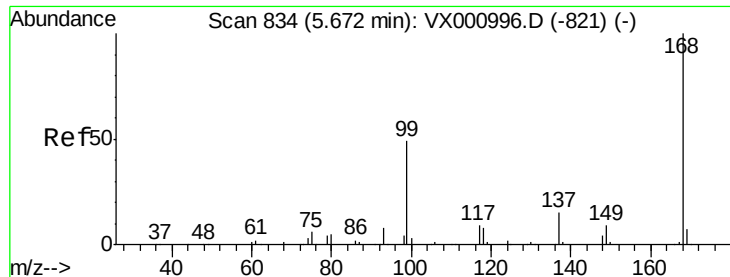
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Apr 25 19:54:28 2018
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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001129.D

Acq: 25 Apr 2018 19:29

Instrument :

MSVOA_X

ClientSampleId :

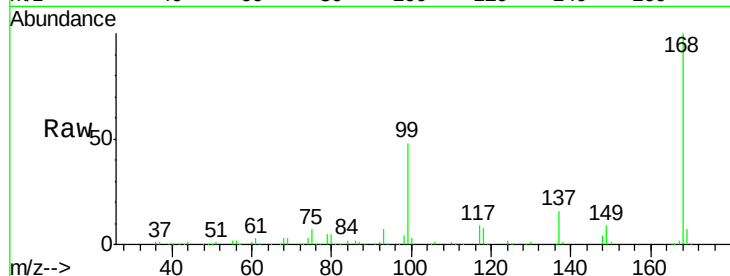
FADW4807L

Tot Ion:168 Resp: 227288

Ion Ratio Lower Upper

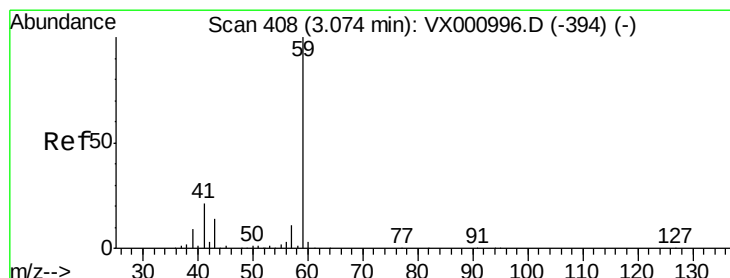
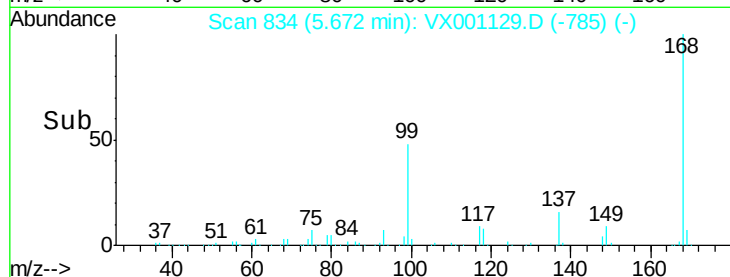
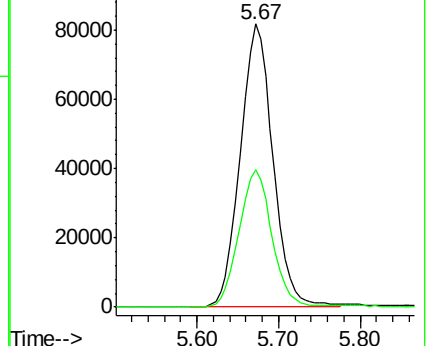
168 100

99 48.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 48.88 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.01 min

Lab File: VX001129.D

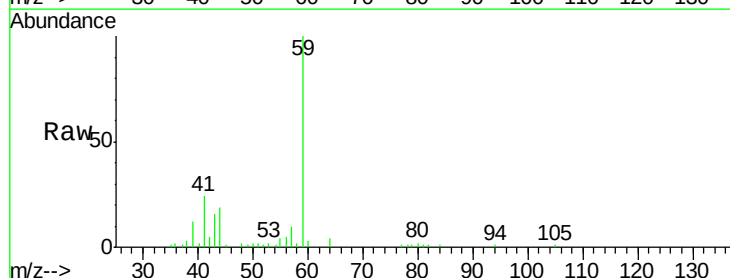
Acq: 25 Apr 2018 19:29

Tgt Ion: 59 Resp: 21239

Ion Ratio Lower Upper

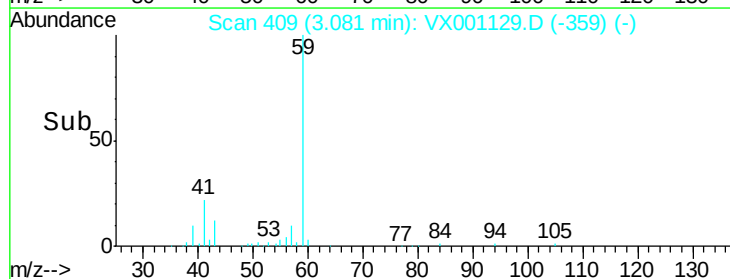
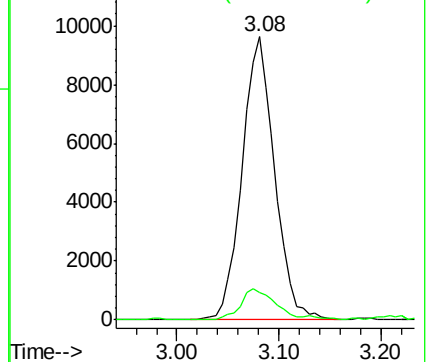
59 100

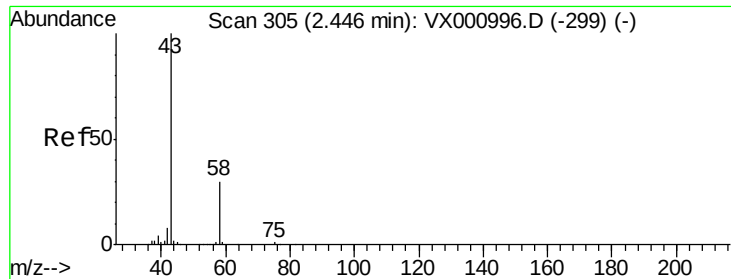
57 11.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 177.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001129.D

Acq: 25 Apr 2018 19:29

Instrument :

MSVOA_X

ClientSampled :

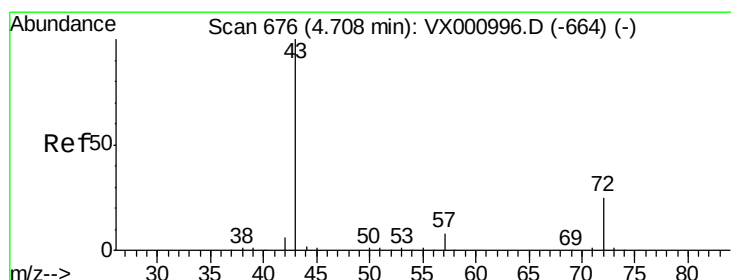
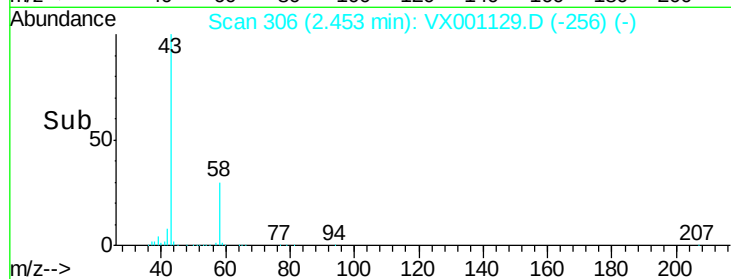
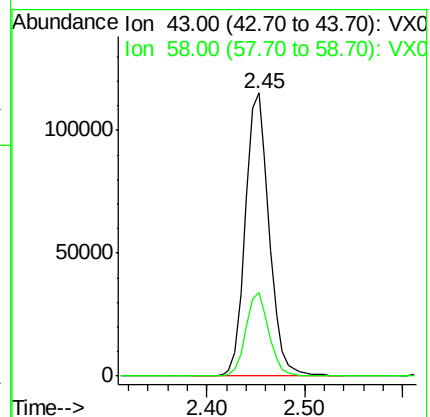
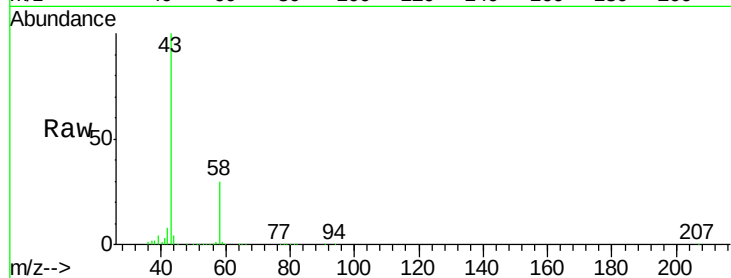
FADW4807L

Tot Ion: 43 Resp: 192832

Ion Ratio Lower Upper

43 100

58 29.6 23.7 35.5



#25

2-Butanone

Concen: 14.99 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001129.D

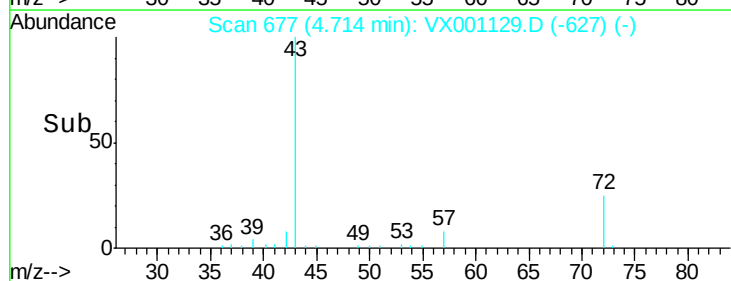
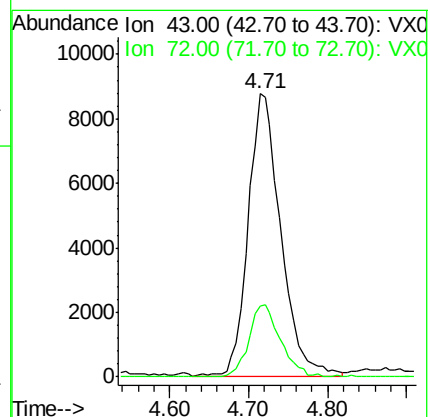
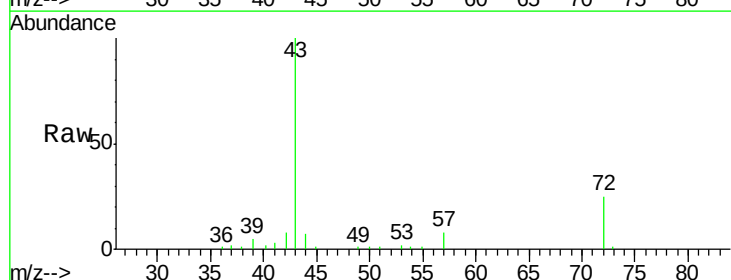
Acq: 25 Apr 2018 19:29

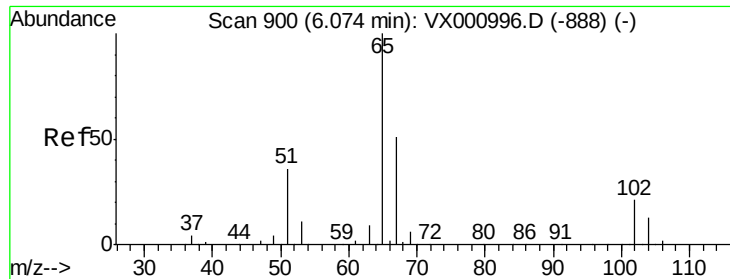
Tgt Ion: 43 Resp: 25388

Ion Ratio Lower Upper

43 100

72 25.0 19.9 29.9

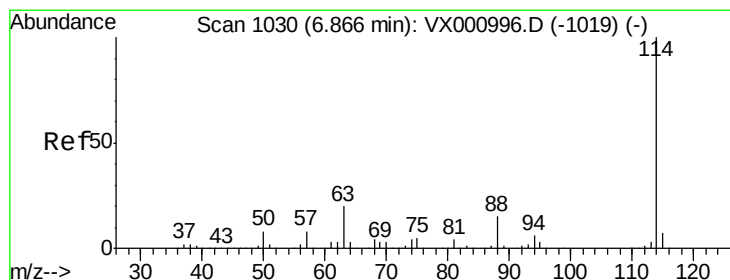
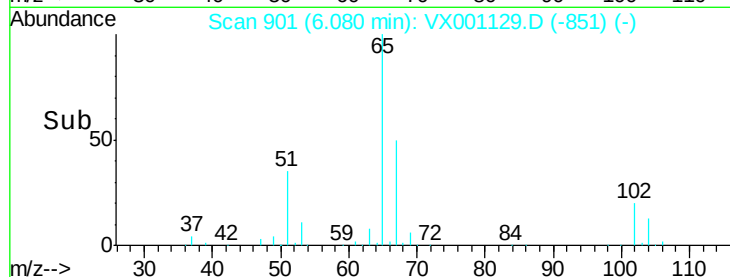
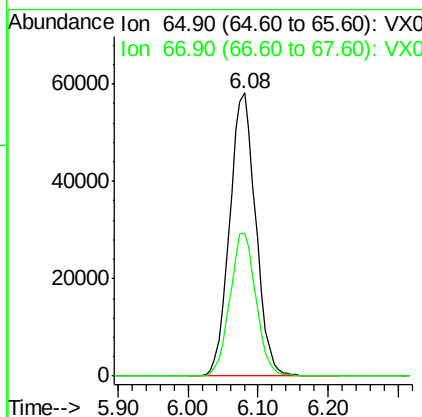
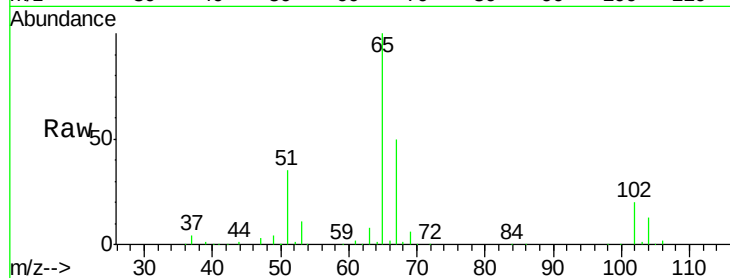




#33
 1,2-Dichloroethane-d4
 Concen: 52.41 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

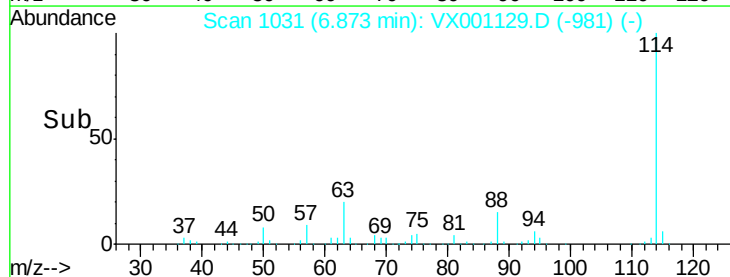
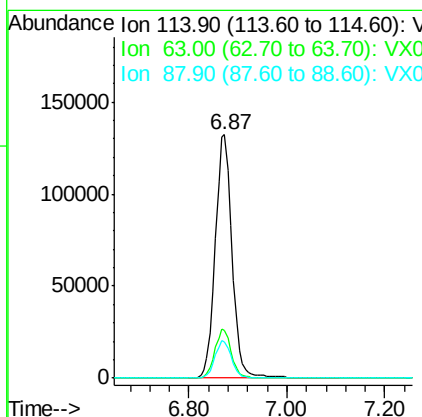
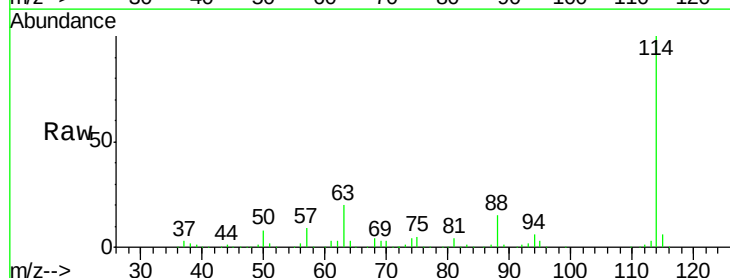
Instrument :
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 ClientSampleId :
 FADW4807L

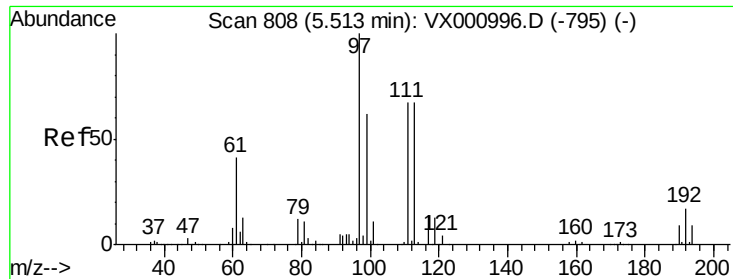
Tot Ion: 65 Resp: 151000
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

Tgt Ion: 114 Resp: 315728
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 14.9 0.0 29.8

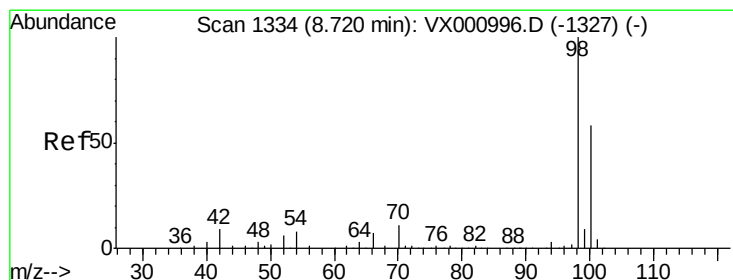
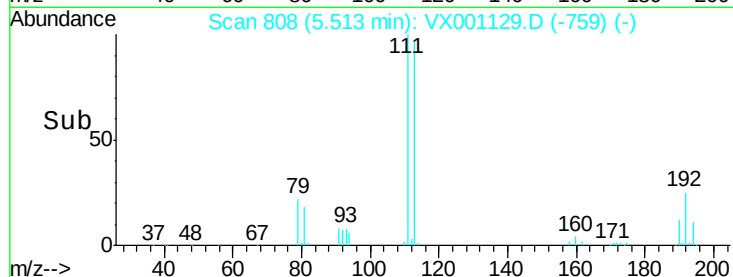
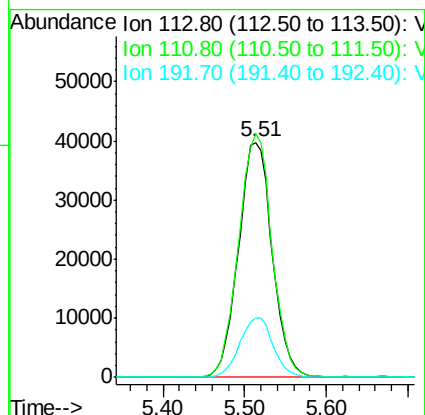
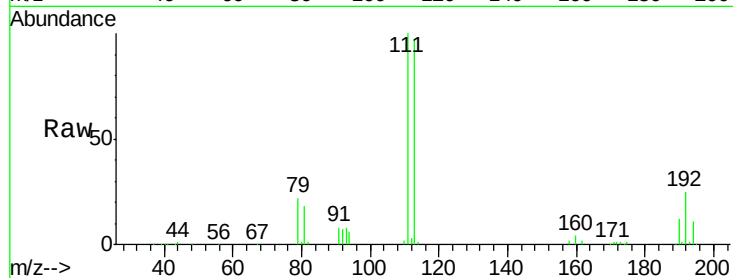




#35
 Dibromofluoromethane
 Concen: 47.35 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

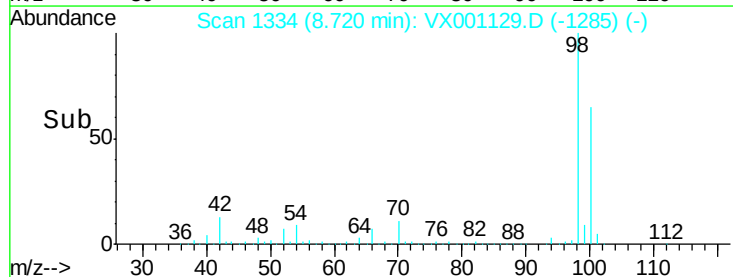
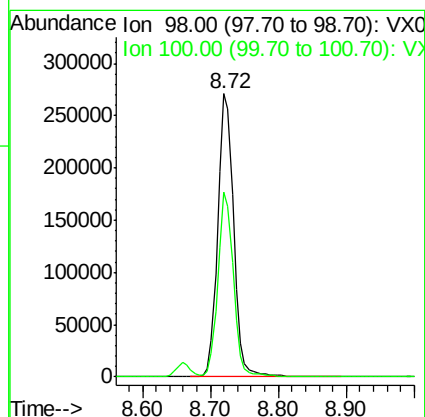
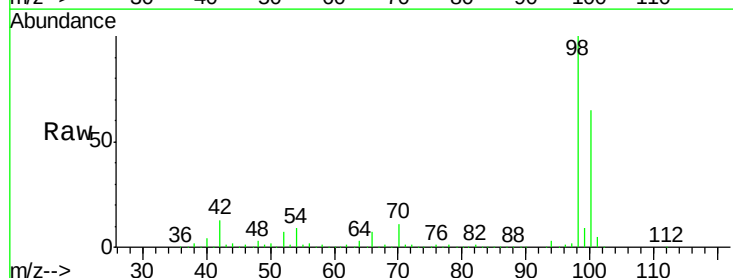
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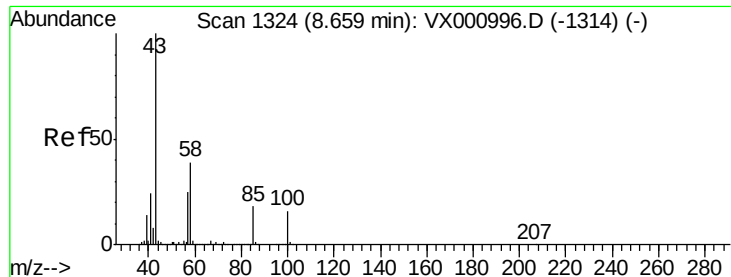
Tot Ion:113 Resp: 114007
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.4 122.2
 192 25.3 20.4 30.6



#50
 Toluene-d8
 Concen: 49.42 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

Tgt Ion: 98 Resp: 439943
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.9 77.9

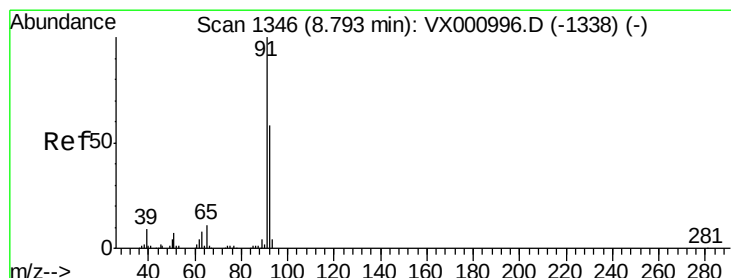
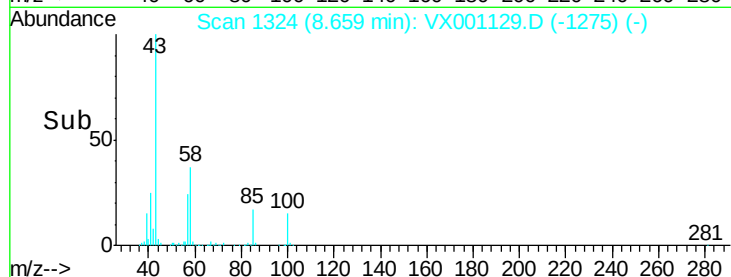
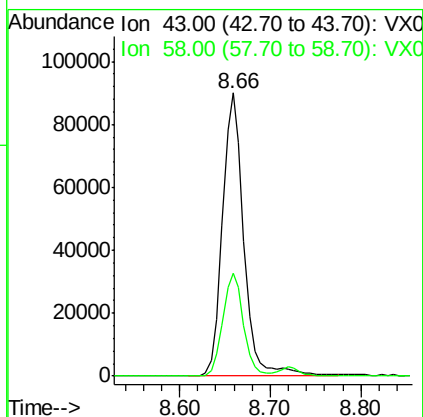
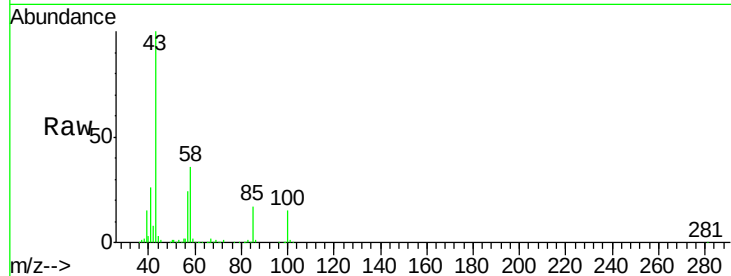




#51
 4-Methyl-2-Pentanone
 Concen: 41.76 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

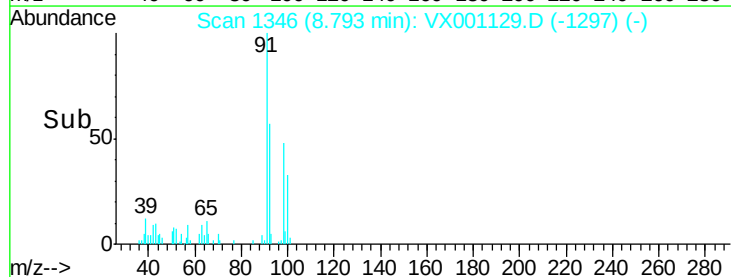
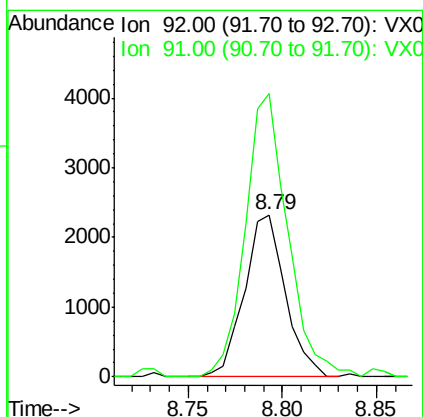
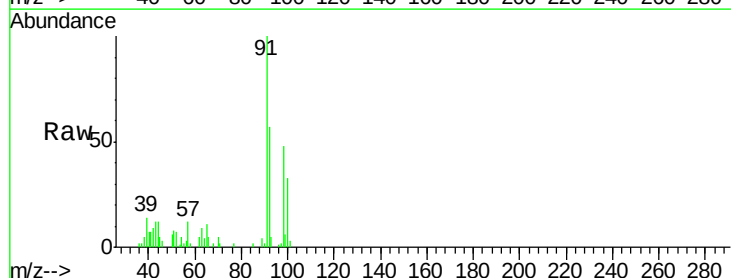
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 ClientSampled :
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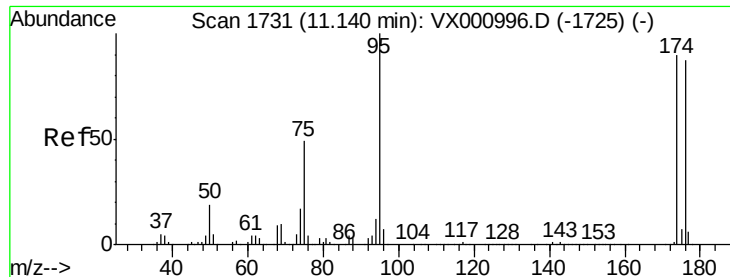
Tot Ion: 43 Resp: 148033
 Ion Ratio Lower Upper
 43 100
 58 35.3 30.2 45.4



#52
 Toluene
 Concen: 0.52 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

Tgt Ion: 92 Resp: 3500
 Ion Ratio Lower Upper
 92 100
 91 180.9 138.2 207.4

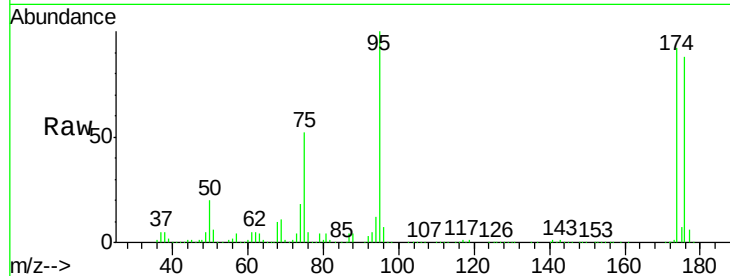




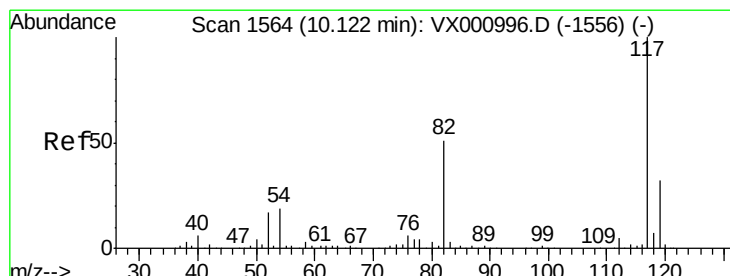
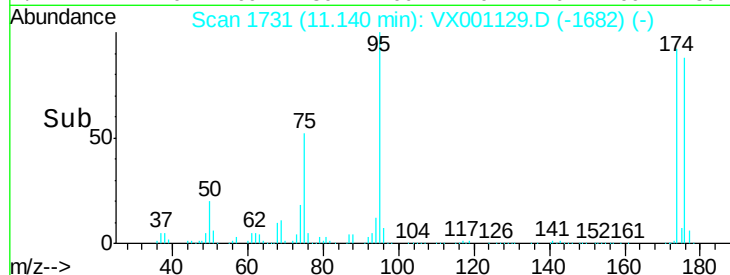
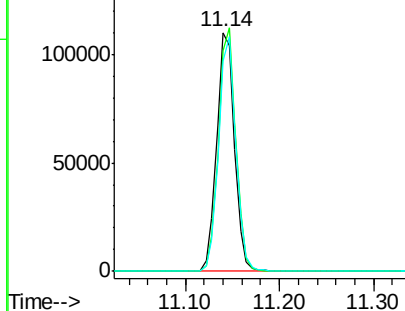
#62
4-Bromofluorobenzene
Concen: 38.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001129.D
Acq: 25 Apr 2018 19:29

Instrument :
MSVOA_X
ClientSampled :
FADW4807L

Tot Ion: 95 Resp: 145098
Ion Ratio Lower Upper
95 100
174 98.7 0.0 198.4
176 95.0 0.0 192.0

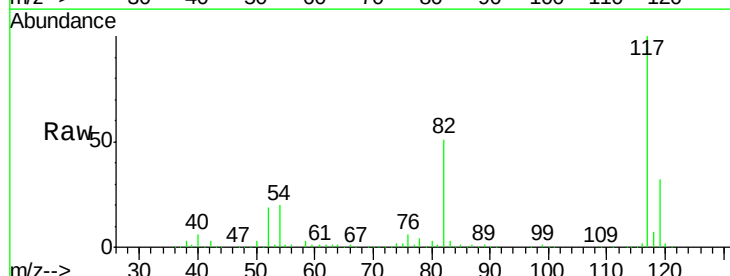


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

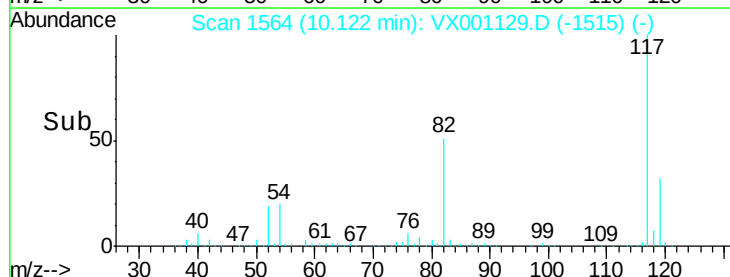
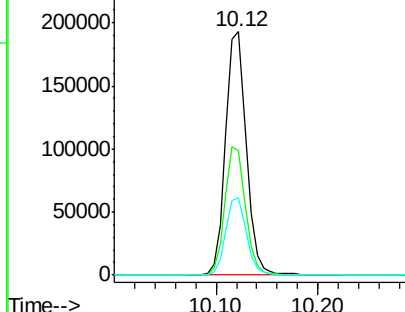


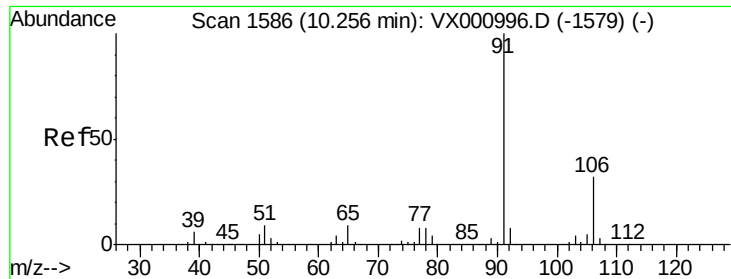
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001129.D
Acq: 25 Apr 2018 19:29

Tgt Ion: 117 Resp: 271961
Ion Ratio Lower Upper
117 100
82 51.4 40.6 60.8
119 31.6 26.0 39.0



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

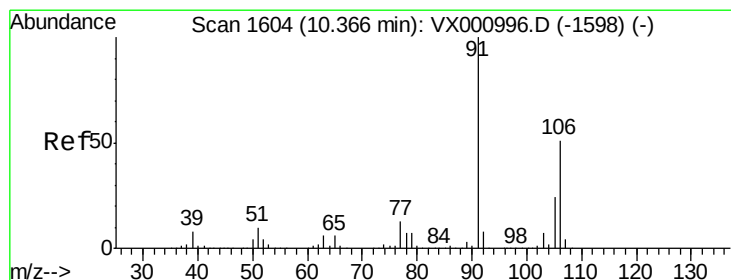
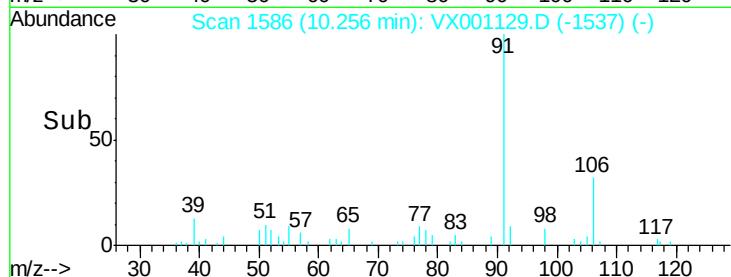
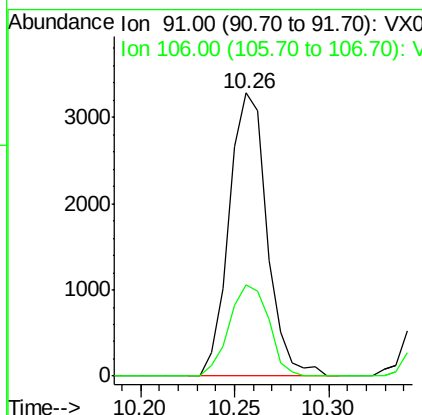
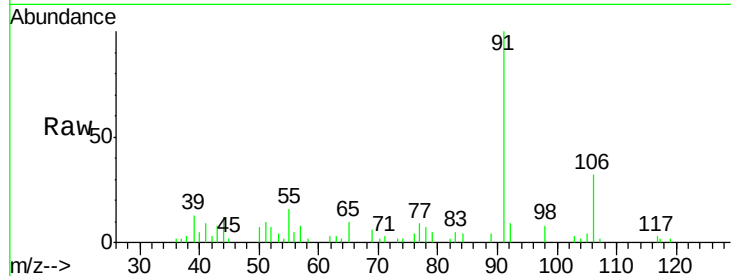




#67
Ethyl Benzene
Concen: 0.38 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001129.D
Acq: 25 Apr 2018 19:29

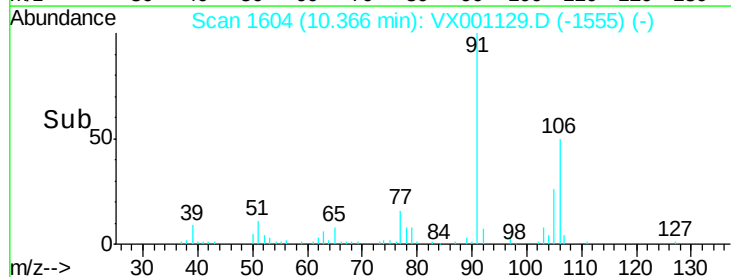
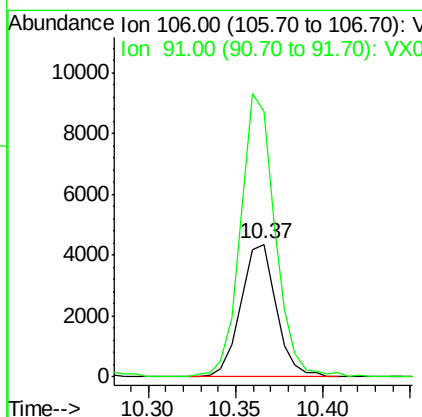
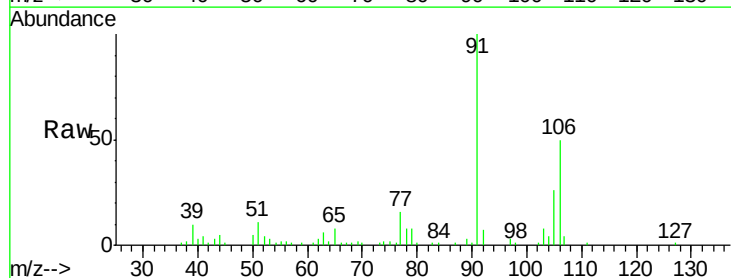
Instrument :
MSVOA_X
ClientSampleId :
FADW4807L

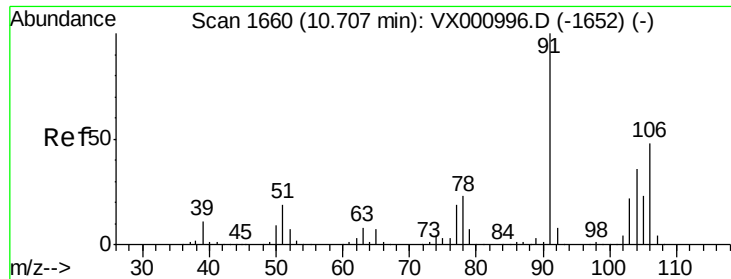
Tot Ion: 91 Resp: 4583
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 1.30 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001129.D
Acq: 25 Apr 2018 19:29

Tgt Ion: 106 Resp: 6179
Ion Ratio Lower Upper
106 100
91 207.7 159.3 238.9

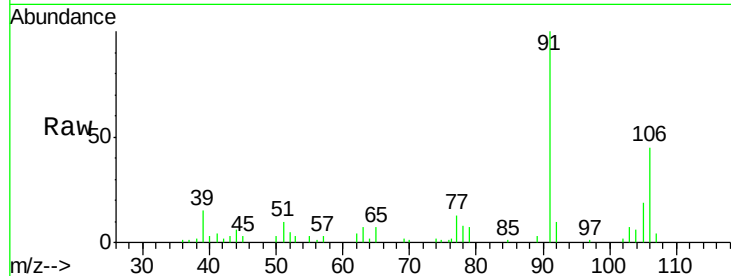




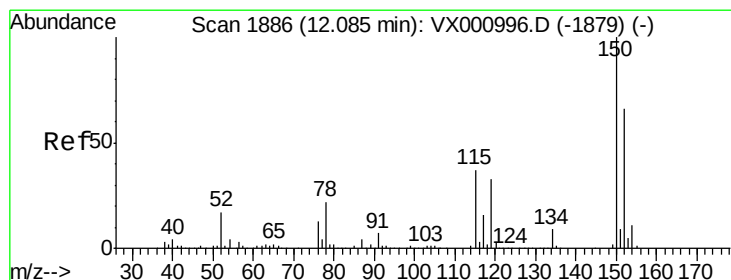
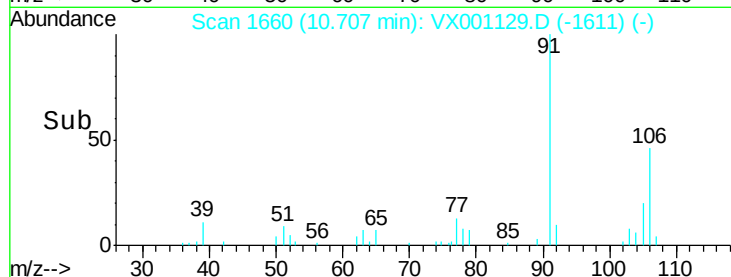
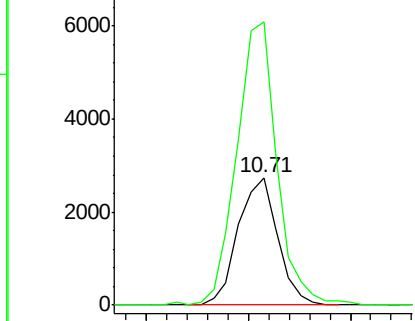
#69
o-Xylene
Concen: 0.81 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001129.D
Acq: 25 Apr 2018 19:29

Instrument :
MSVOA_X
ClientSampled :
FADW4807L

Tot Ion:106 Resp: 3688
Ion Ratio Lower Upper
106 100
91 226.7 105.1 315.1

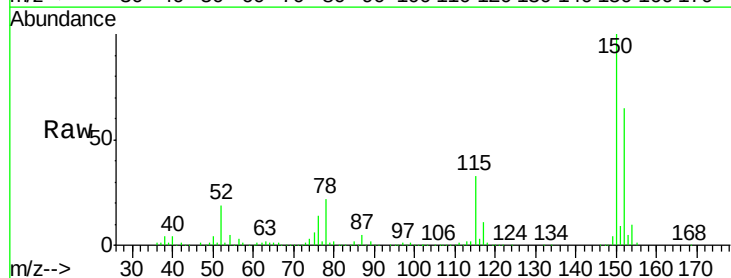


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX

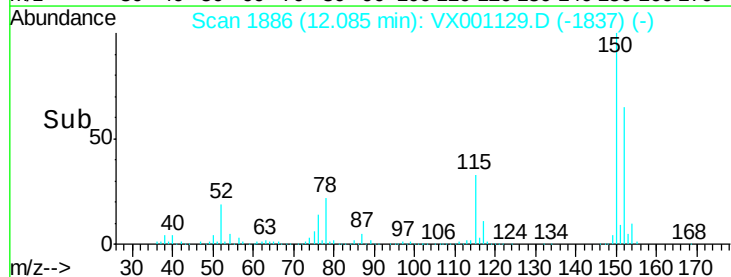
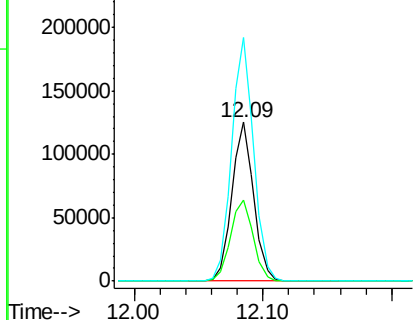


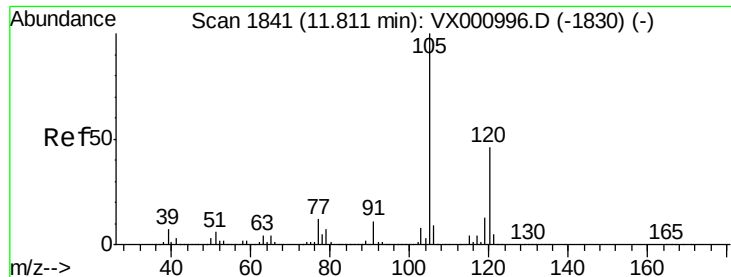
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001129.D
Acq: 25 Apr 2018 19:29

Tgt Ion:152 Resp: 147805
Ion Ratio Lower Upper
152 100
115 53.6 38.2 114.6
150 155.2 0.0 350.4



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

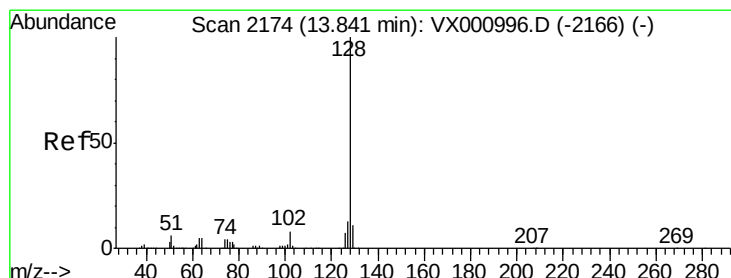
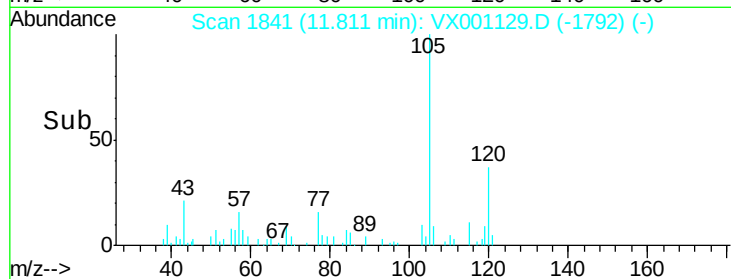
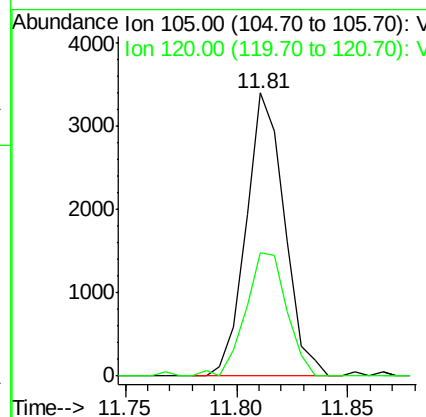
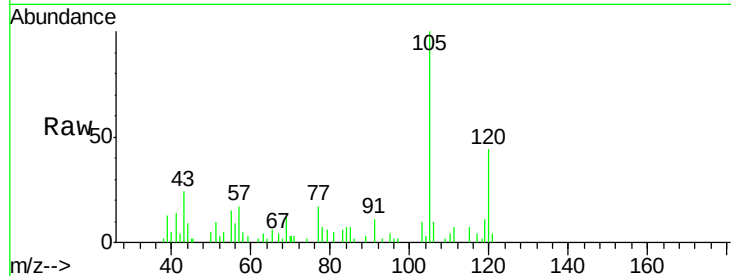




#84
 1,2,4-Trimethylbenzene
 Concen: 0.48 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FADW4807L

Tot Ion:105 Resp: 4087
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.0 69.0



#95
 Naphthalene
 Concen: 0.44 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001129.D
 Acq: 25 Apr 2018 19:29

Tgt Ion:128 Resp: 4657
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.2 15.4
 129 12.3 8.7 13.1

