

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018343.D
 Acq On : 10 Sep 2020 16:48
 Operator : JC/SP
 Sample : L3952-02 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40614

Quant Time: Sep 11 07:28:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

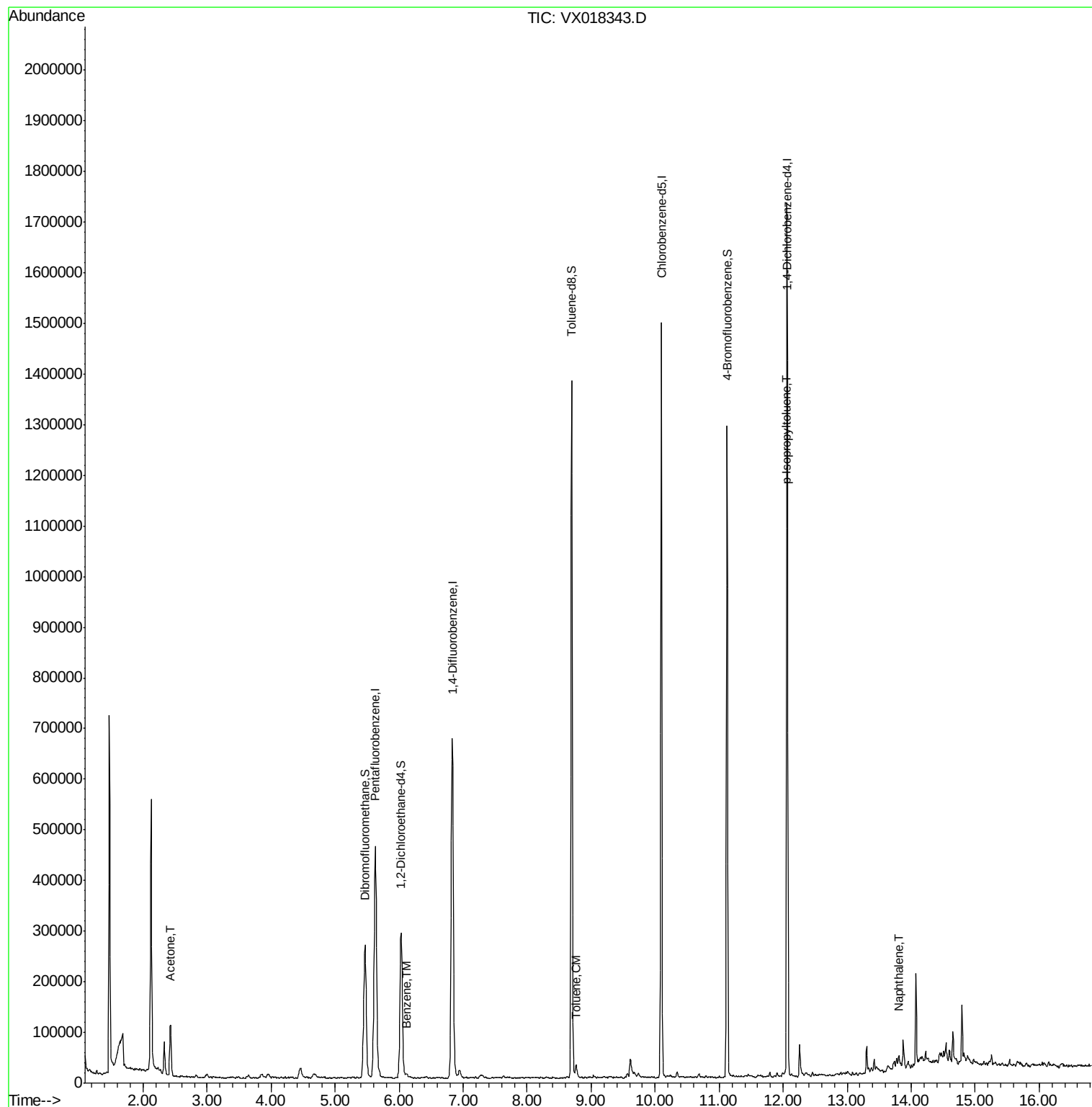
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	419362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	664574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	649048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	338640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	294710	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
35) Dibromofluoromethane	5.46	113	226980	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	8.70	98	795799	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.12	95	324204	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
16) Acetone	2.42	43	112083	49.408	ug/l	99
40) Benzene	6.11	78	8202	0.455	ug/l	92
52) Toluene	8.76	92	8889	0.778	ug/l	98
86) p-Isopropyltoluene	12.05	119	5872	0.310	ug/l #	68
95) Naphthalene	13.82	128	6839	0.305	ug/l #	71

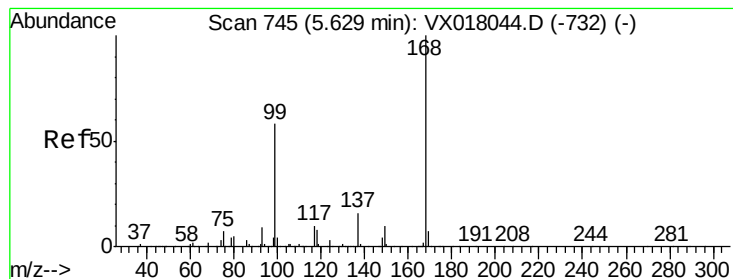
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018343.D

Acq: 10 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

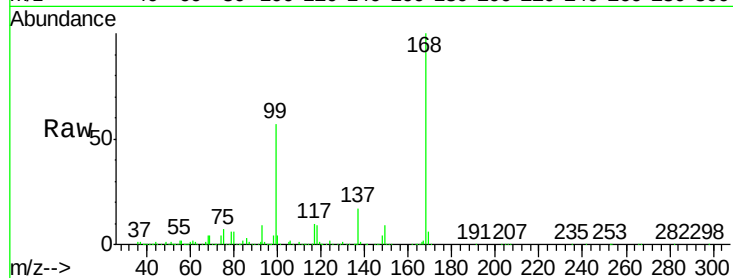
40614

Tot Ion:168 Resp: 419362

Ion Ratio Lower Upper

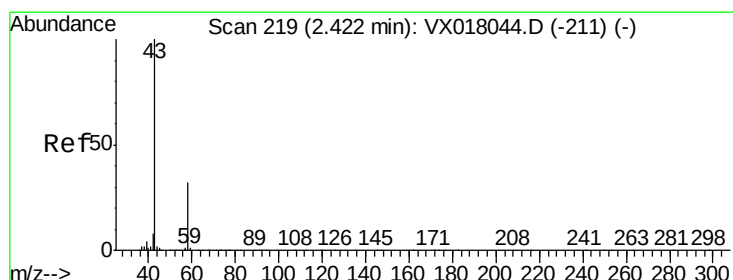
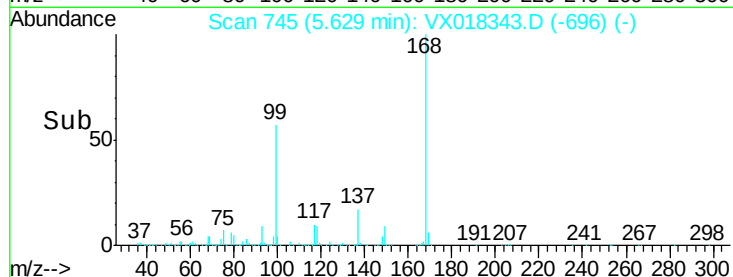
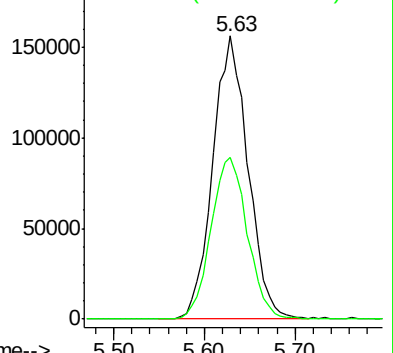
168 100

99 57.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 49.408 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018343.D

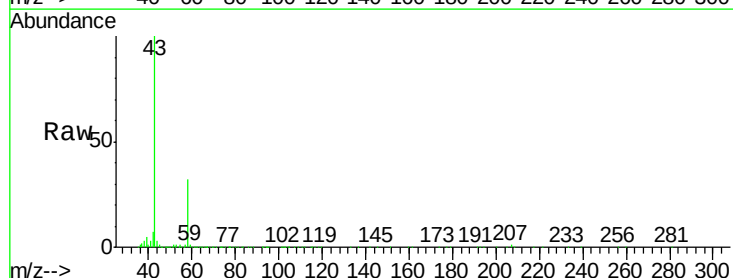
Acq: 10 Sep 2020 16:48

Tgt Ion: 43 Resp: 112083

Ion Ratio Lower Upper

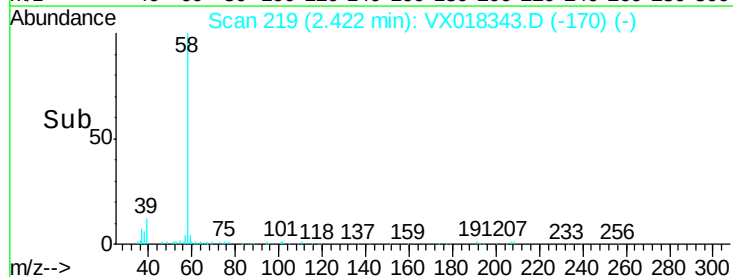
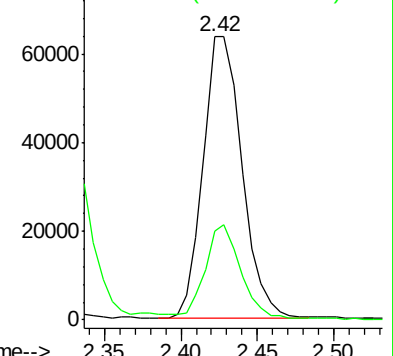
43 100

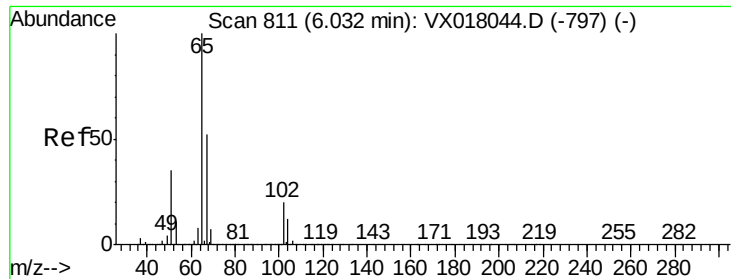
58 31.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

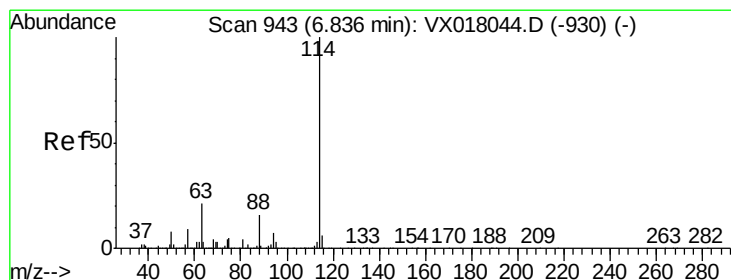
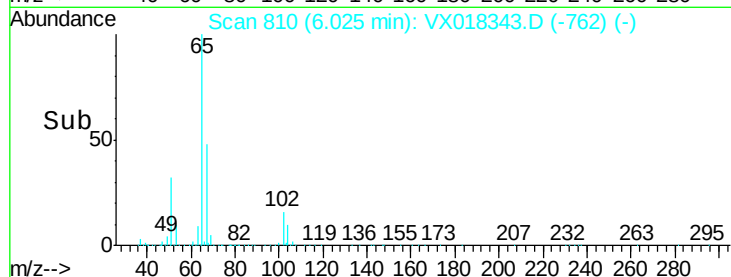
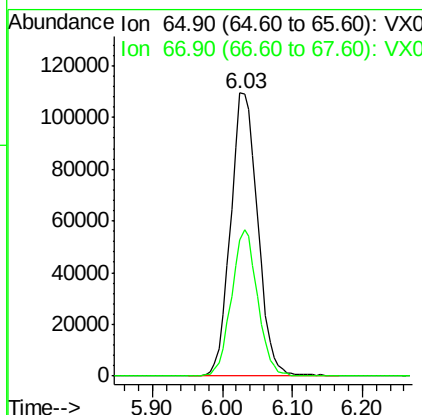
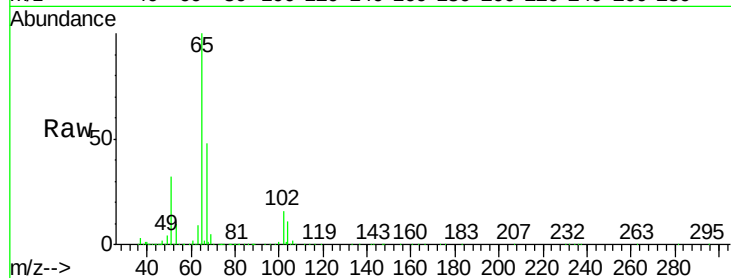




#33
 1,2-Dichloroethane-d4
 Concen: 50.622 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018343.D
 Acq: 10 Sep 2020 16:48

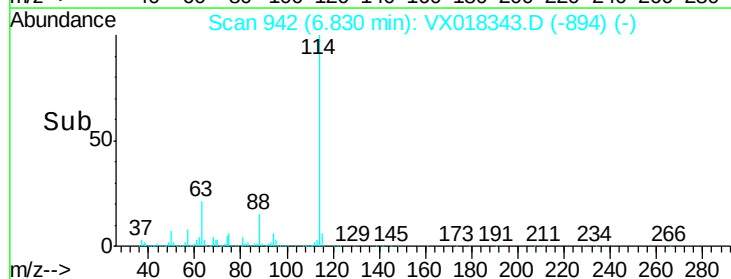
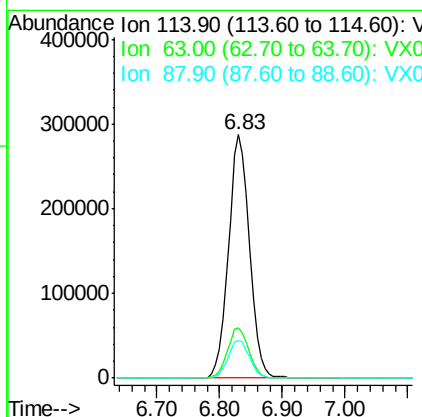
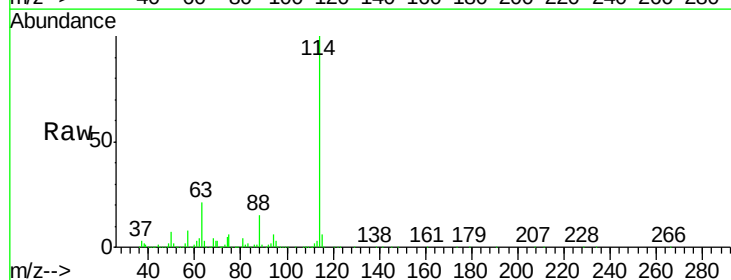
Instrument :
 MSVOA_X
 ClientSampled :
 40614

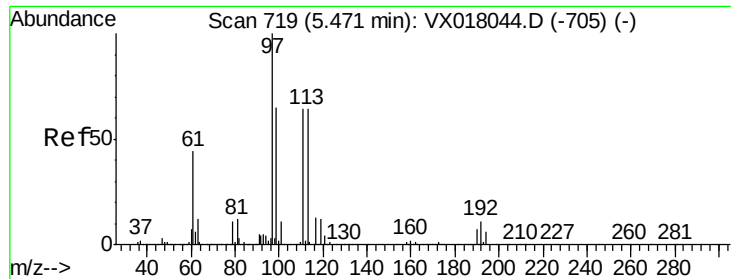
Tot Ion: 65 Resp: 294710
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018343.D
 Acq: 10 Sep 2020 16:48

Tgt Ion: 114 Resp: 664574
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.149 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018343.D

Acq: 10 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

40614

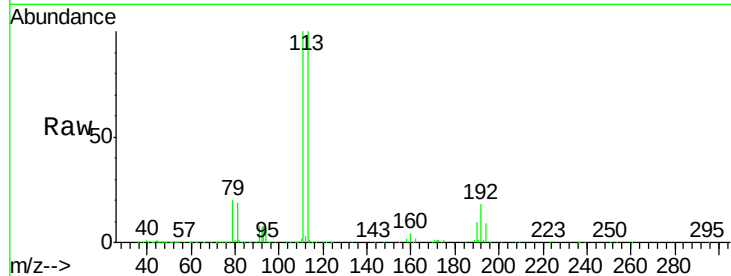
Tot Ion:113 Resp: 226980

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

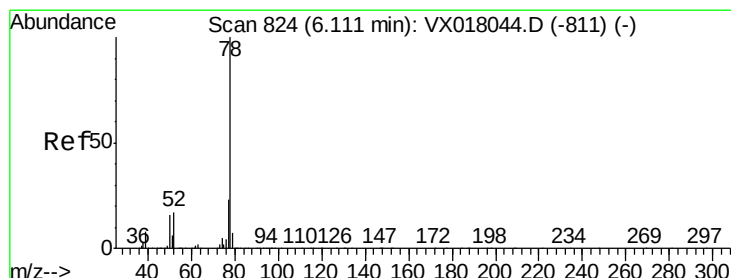
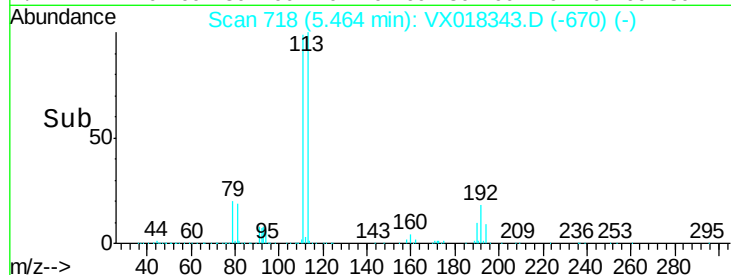
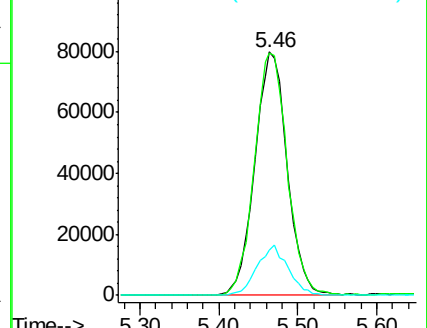
192 19.7 15.8 23.8



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



#40

Benzene

Concen: 0.455 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018343.D

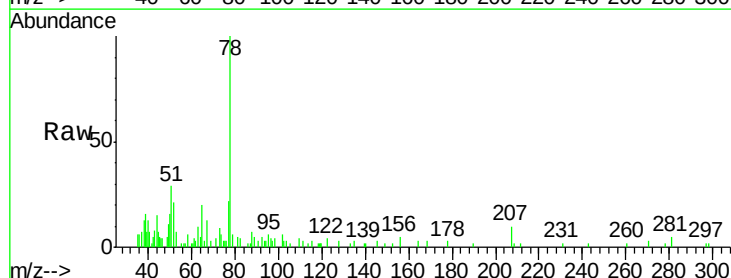
Acq: 10 Sep 2020 16:48

Tgt Ion: 78 Resp: 8202

Ion Ratio Lower Upper

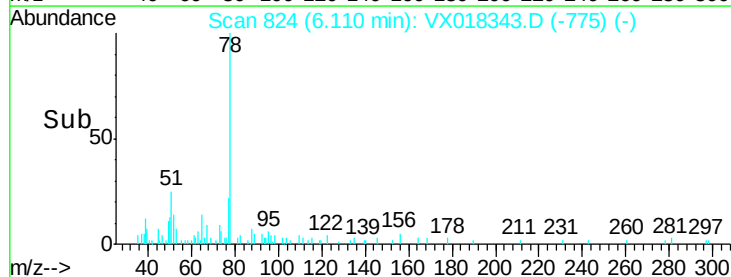
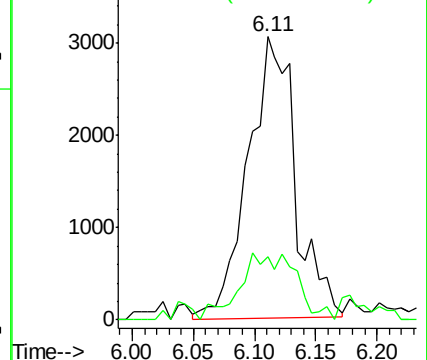
78 100

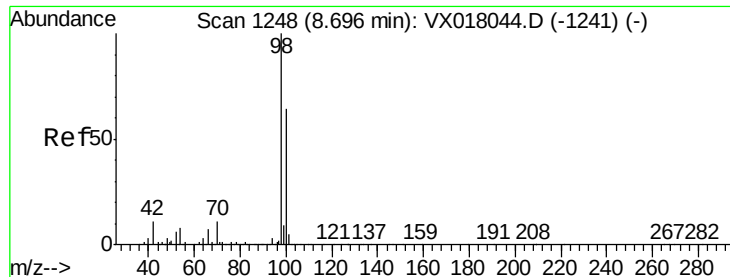
77 18.8 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

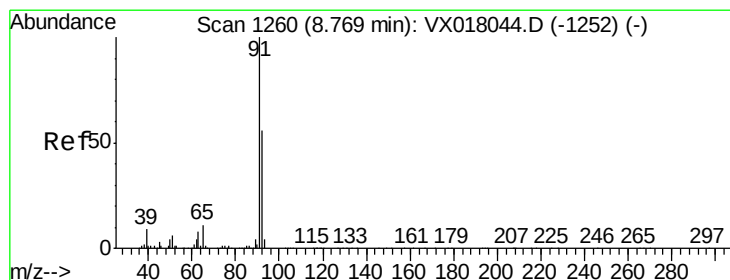
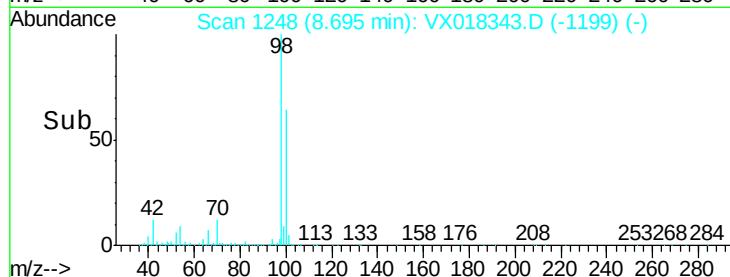
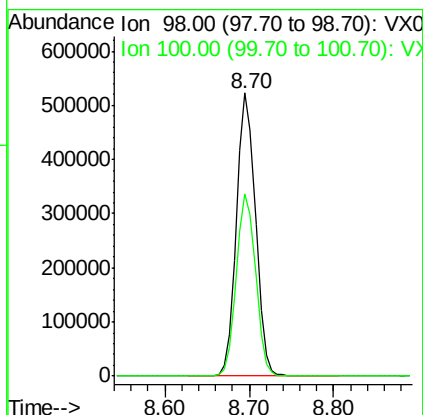
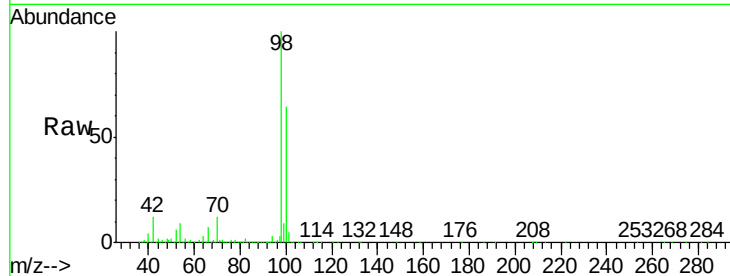




#50
Toluene-d8
Concen: 47.207 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018343.D
Acq: 10 Sep 2020 16:48

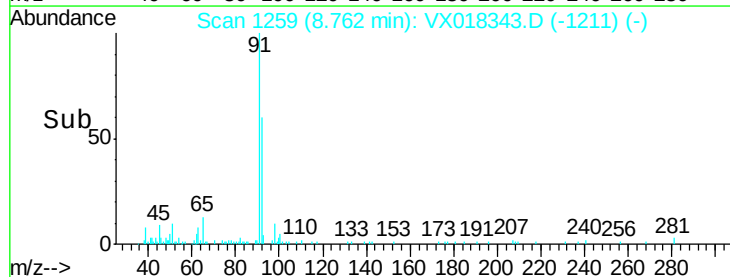
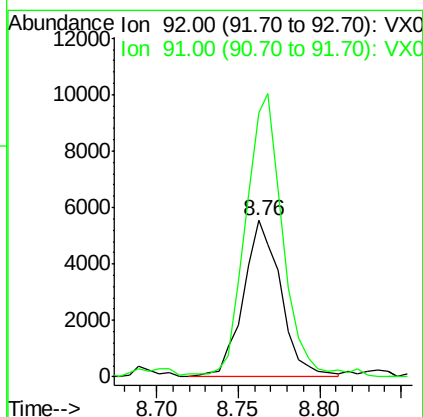
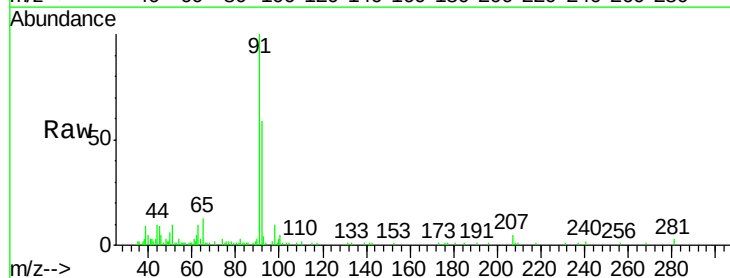
Instrument :
MSVOA_X
ClientSampleId :
40614

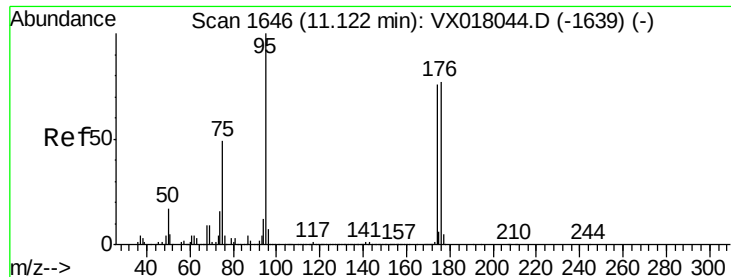
Tot Ion: 98 Resp: 795799
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#52
Toluene
Concen: 0.778 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018343.D
Acq: 10 Sep 2020 16:48

Tgt Ion: 92 Resp: 8889
Ion Ratio Lower Upper
92 100
91 178.4 140.3 210.5

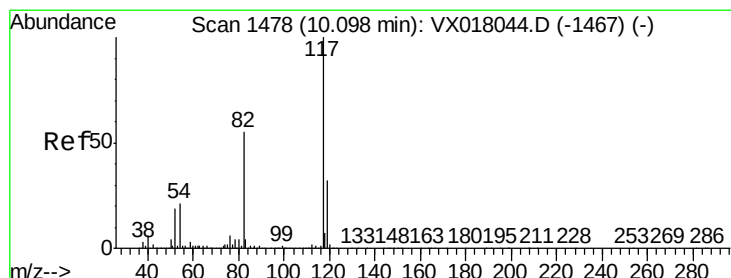
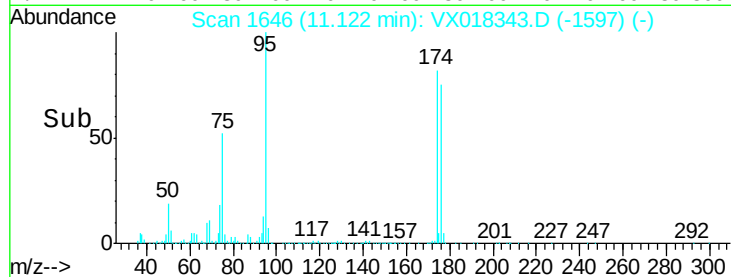
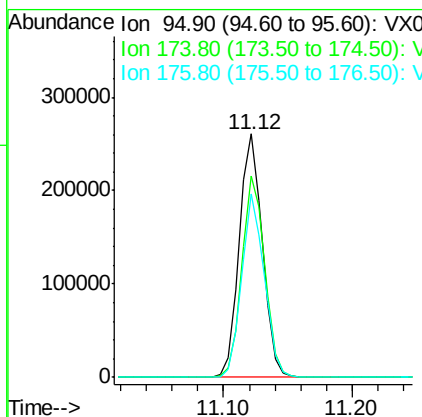
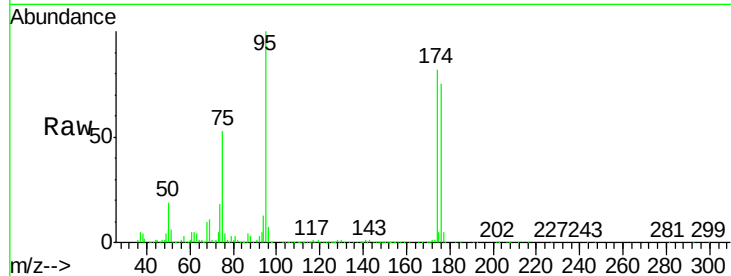




#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018343.D
Acq: 10 Sep 2020 16:48

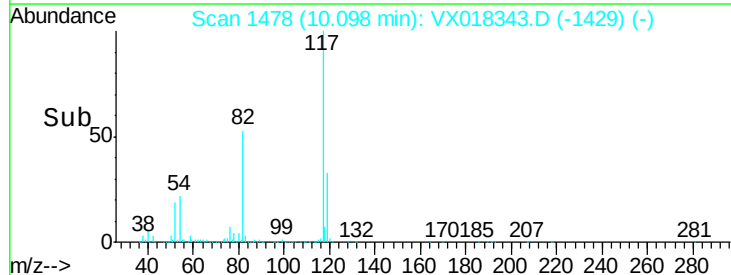
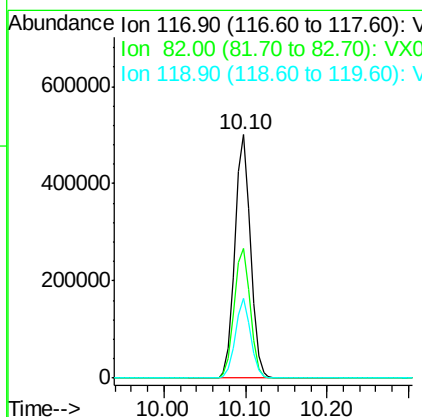
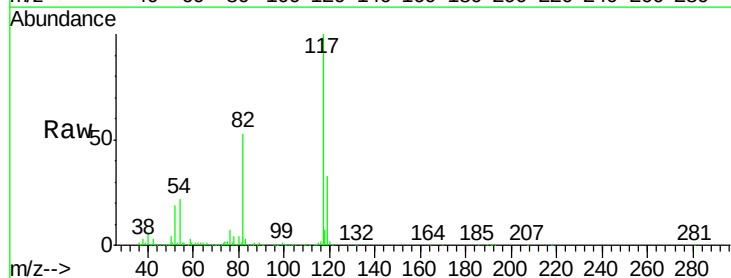
Instrument :
MSVOA_X
ClientSampleId :
40614

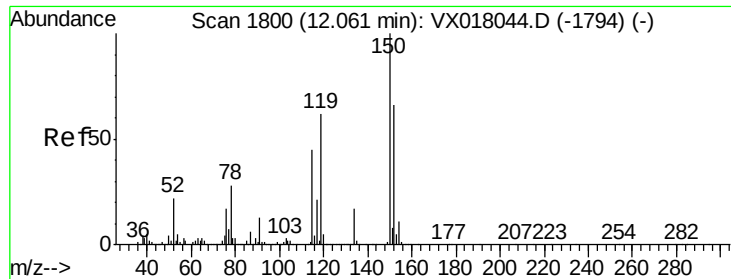
Tot Ion: 95 Resp: 324204
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.2
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018343.D
Acq: 10 Sep 2020 16:48

Tgt Ion: 117 Resp: 649048
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018343.D

Acq: 10 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampled :

40614

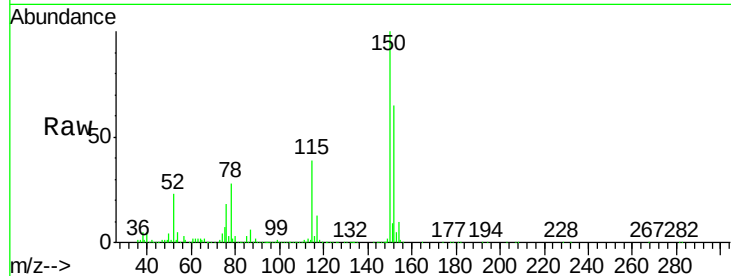
Tot Ion:152 Resp: 338640

Ion Ratio Lower Upper

152 100

115 59.9 41.5 124.5

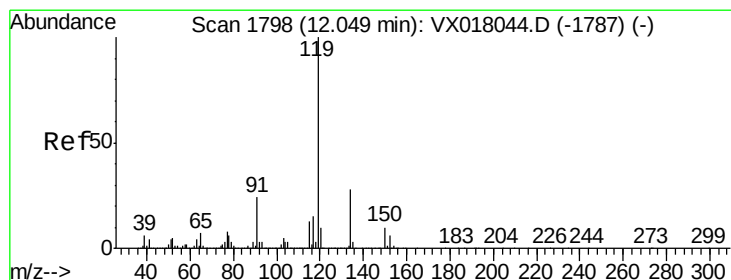
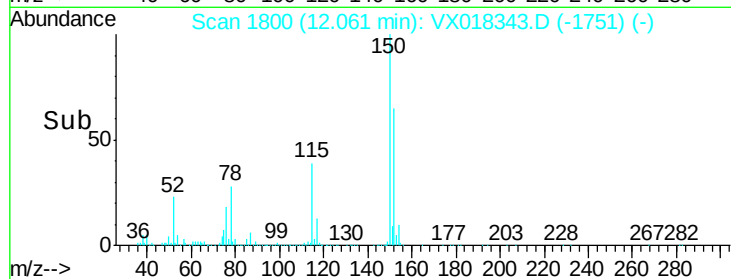
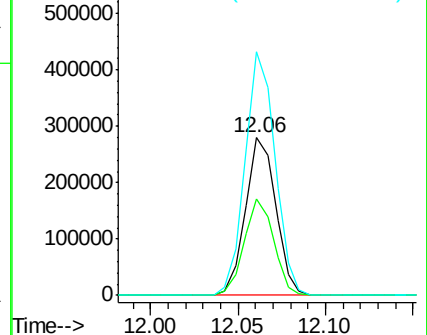
150 153.5 0.0 343.8



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



#86

p-Isopropyltoluene

Concen: 0.310 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018343.D

Acq: 10 Sep 2020 16:48

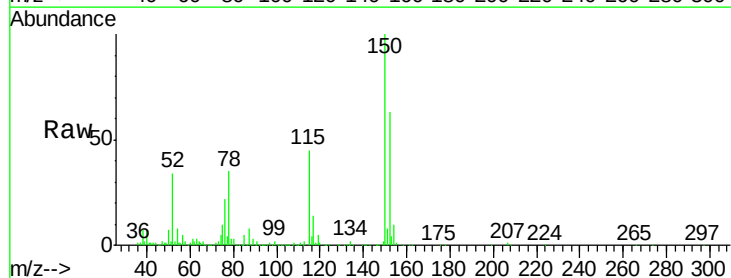
Tgt Ion:119 Resp: 5872

Ion Ratio Lower Upper

119 100

134 39.5 13.2 39.5#

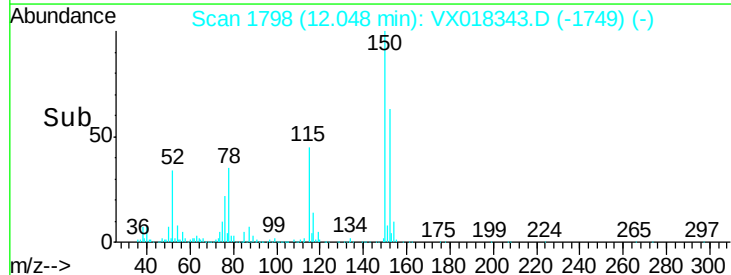
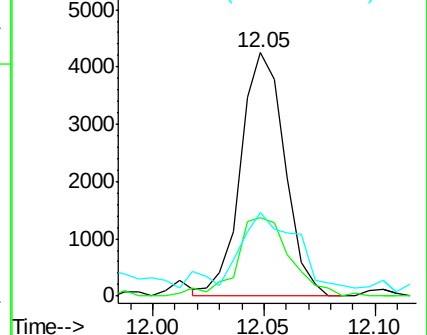
91 42.9 11.8 35.4#

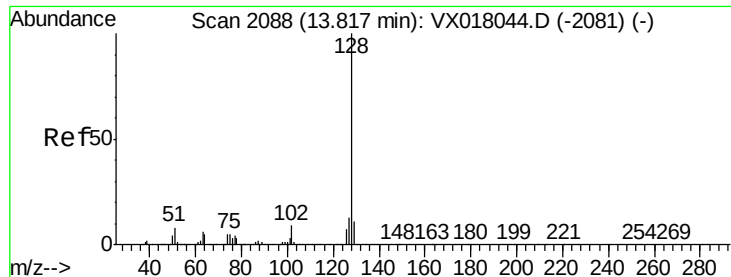


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 0.305 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018343.D

Acq: 10 Sep 2020 16:48

Instrument :

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40614

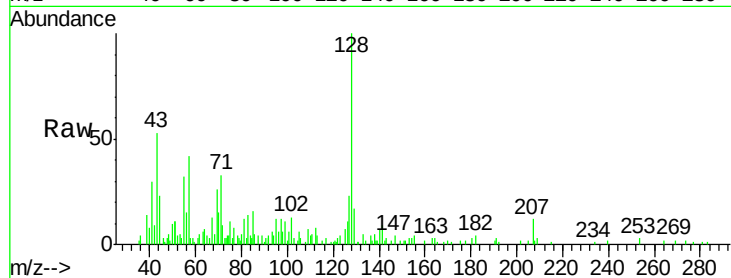
Tot Ion:128 Resp: 6839

Ion Ratio Lower Upper

128 100

127 24.0 10.2 15.2#

129 22.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

