

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019943.D
 Acq On : 12 Dec 2020 19:31
 Operator : JC/MD
 Sample : PB133524ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133524ZHE#07

Quant Time: Dec 14 08:42:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	300402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	472846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195679	49.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.12%
35) Dibromofluoromethane	5.46	113	157706	48.62	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.24%
50) Toluene-d8	8.70	98	630453	50.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.82%
62) 4-Bromofluorobenzene	11.12	95	214699	45.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.10%

Target Compounds

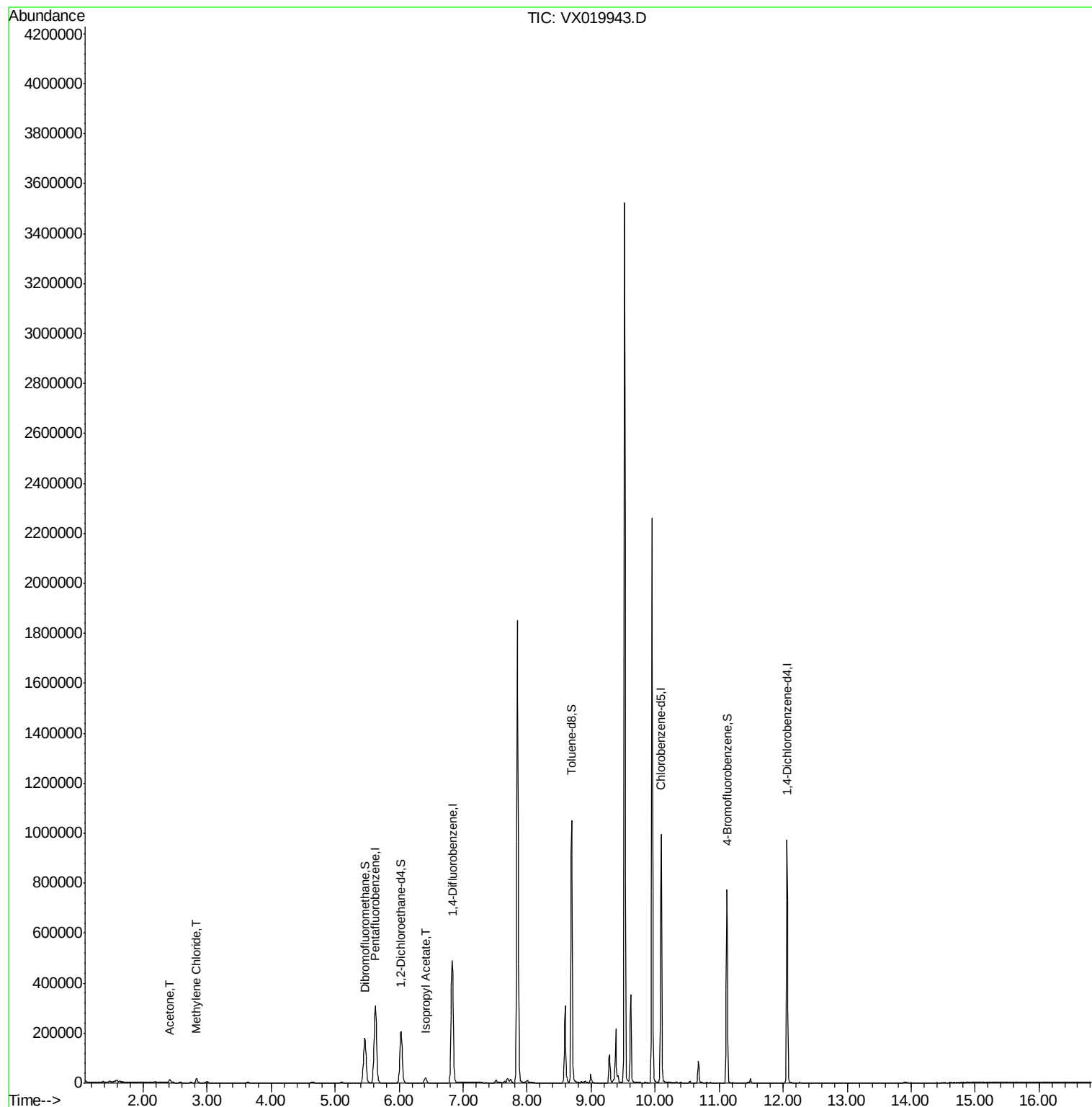
					Qvalue
16) Acetone	2.42	43	11753	7.920	ug/l 96
20) Methylene Chloride	2.83	84	8722	1.186	ug/l 96
43) Isopropyl Acetate	6.42	43	27712	3.722	ug/l 99

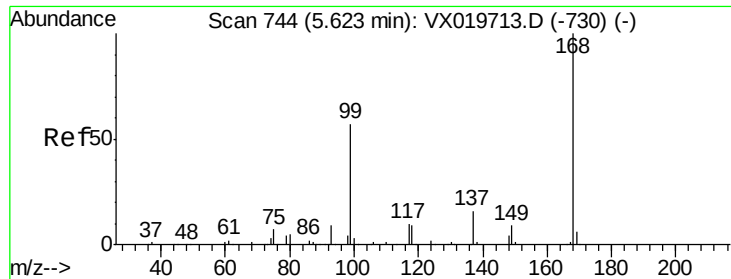
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 08:42:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019943.D

Acq: 12 Dec 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

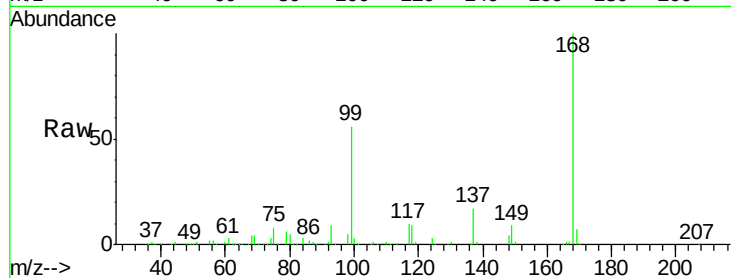
PB133524ZHE#07

Tot Ion:168 Resp: 300402

Ion Ratio Lower Upper

168 100

99 56.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

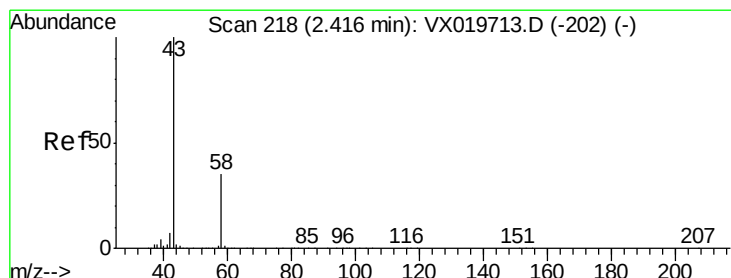
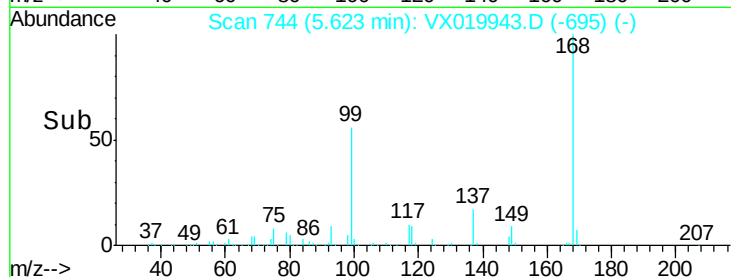
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.920 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019943.D

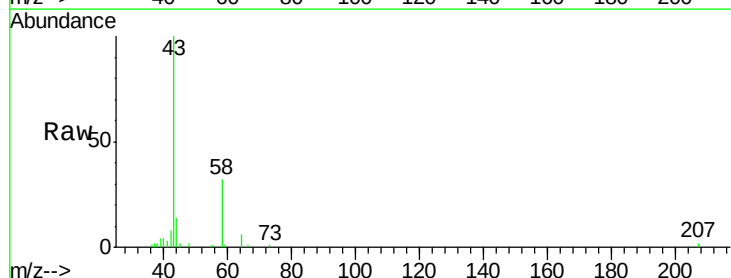
Acq: 12 Dec 2020 19:31

Tgt Ion: 43 Resp: 11753

Ion Ratio Lower Upper

43 100

58 32.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

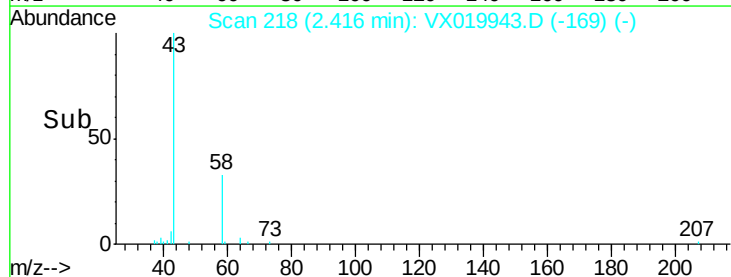
6000

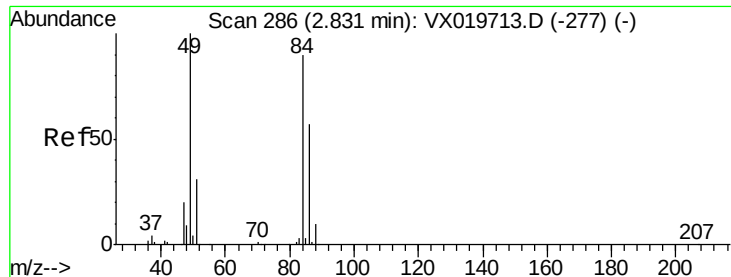
4000

2000

0

Time-->

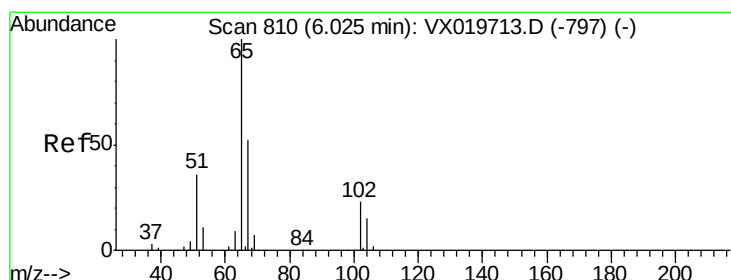
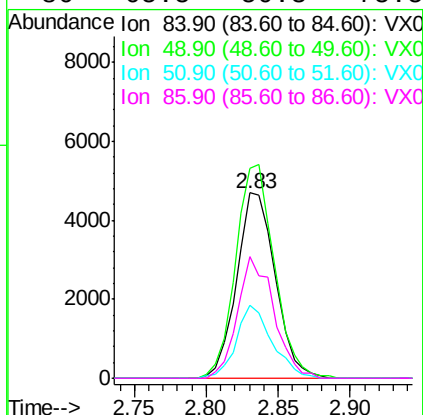
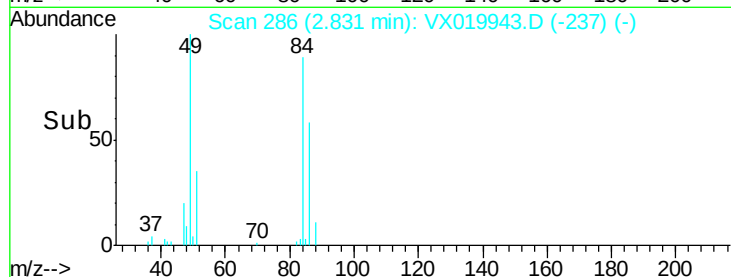
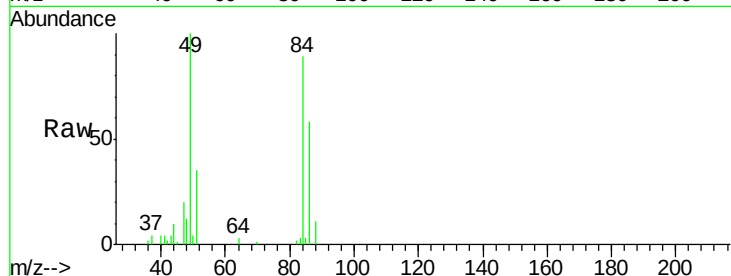




#20
Methvlene Chloride
Concen: 1.186 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

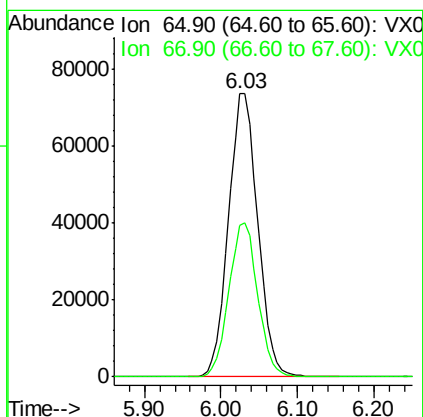
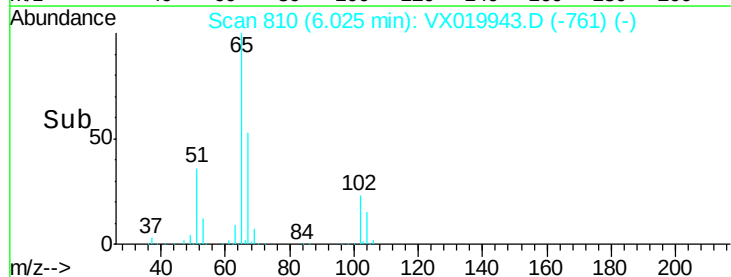
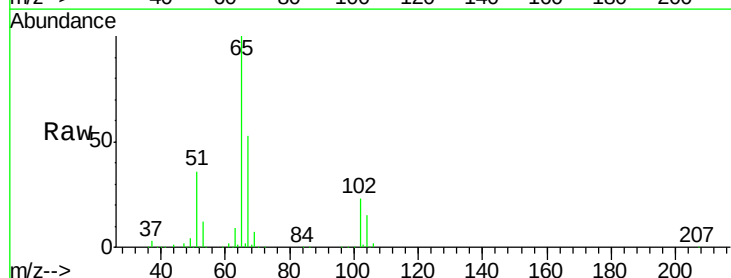
Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

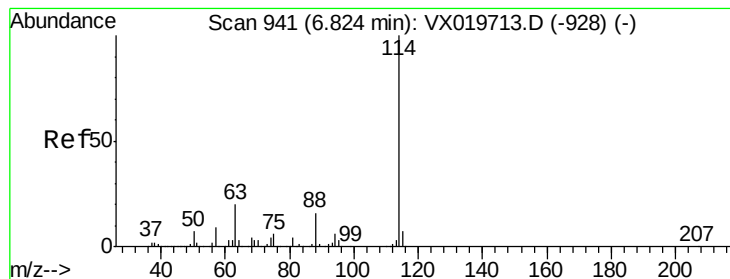
Tot Ion:	84	Resp:	8722
Ion	Ratio	Lower	Upper
84	100		
49	112.8	88.6	132.8
51	39.2	27.0	40.6
86	65.5	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 49.562 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion:	65	Resp:	195679
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019943.D

Acq: 12 Dec 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#07

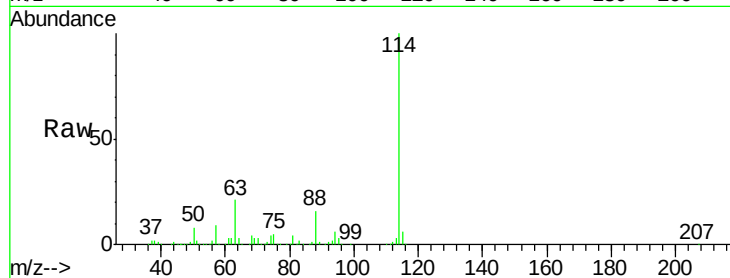
Tot Ion:114 Resp: 501923

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

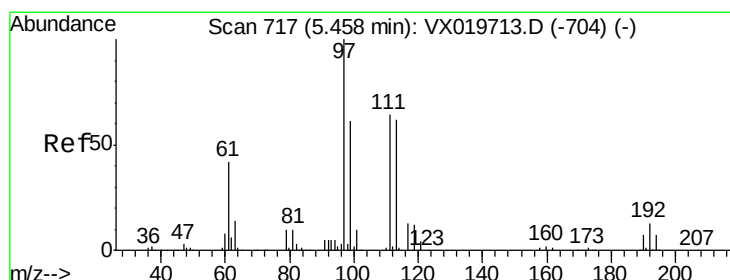
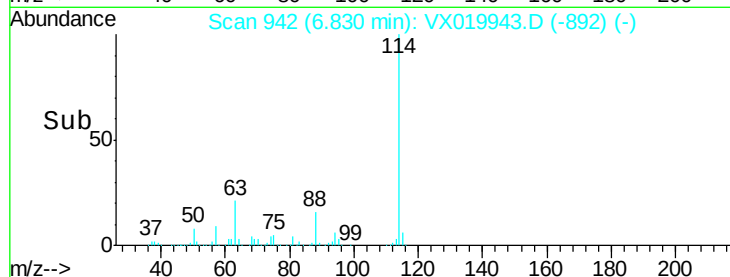
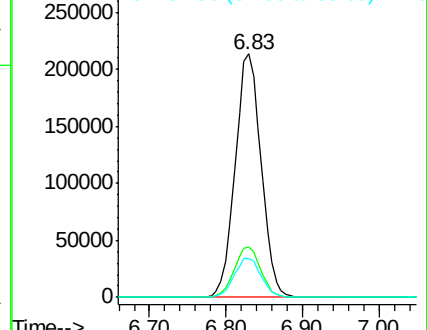
88 16.2 0.0 32.8



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: 48.617 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019943.D

Acq: 12 Dec 2020 19:31

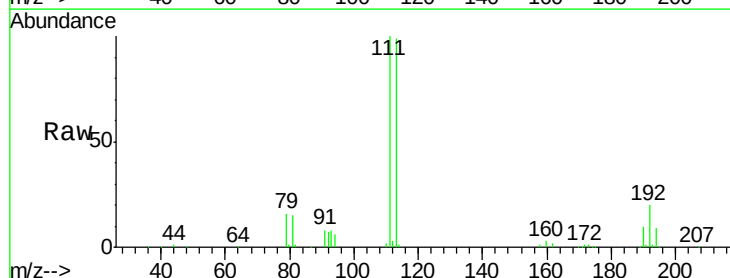
Tgt Ion:113 Resp: 157706

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

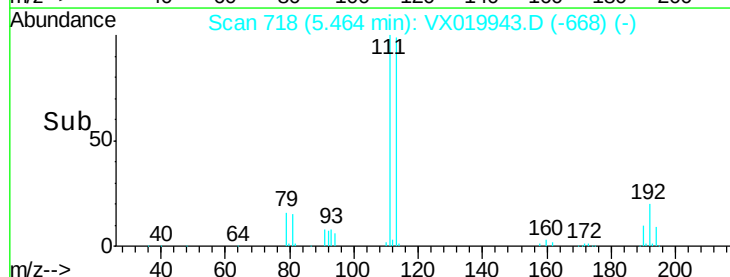
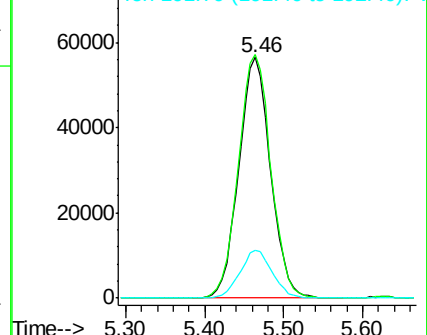
192 20.3 16.7 25.1

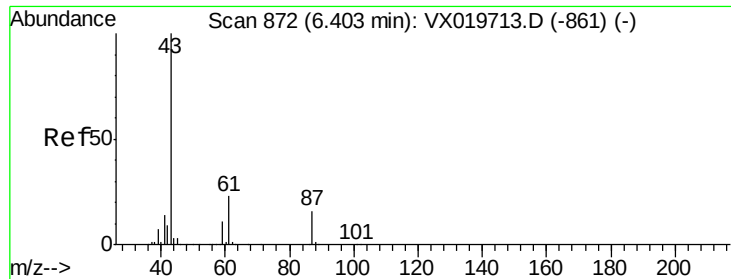


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.722 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019943.D

Acq: 12 Dec 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#07

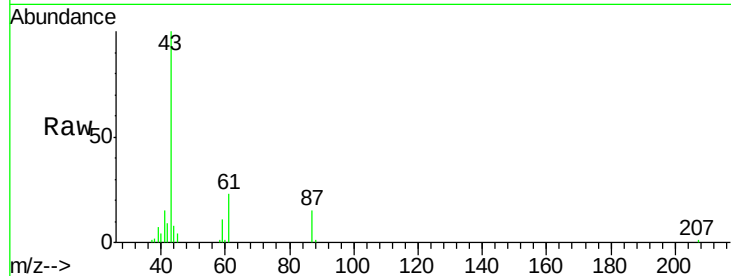
Tot Ion: 43 Resp: 27712

Ion Ratio Lower Upper

43 100

61 23.1 18.2 27.4

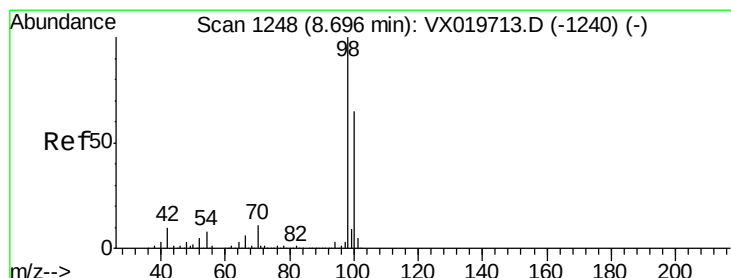
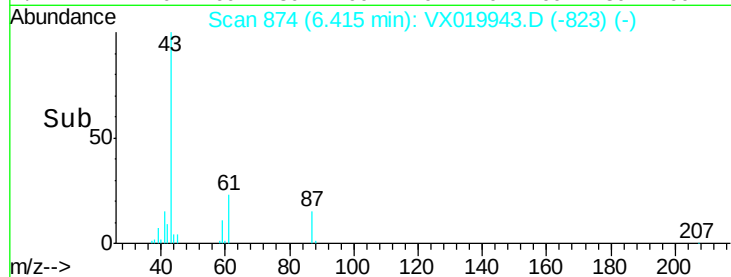
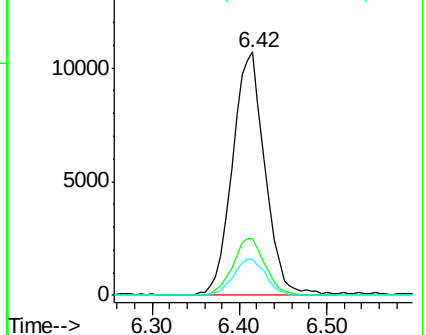
87 14.6 12.5 18.7



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: 50.908 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019943.D

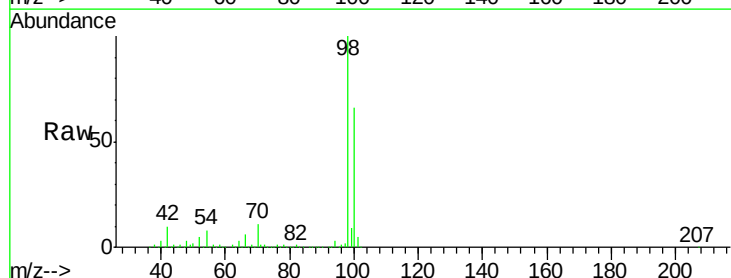
Acq: 12 Dec 2020 19:31

Tgt Ion: 98 Resp: 630453

Ion Ratio Lower Upper

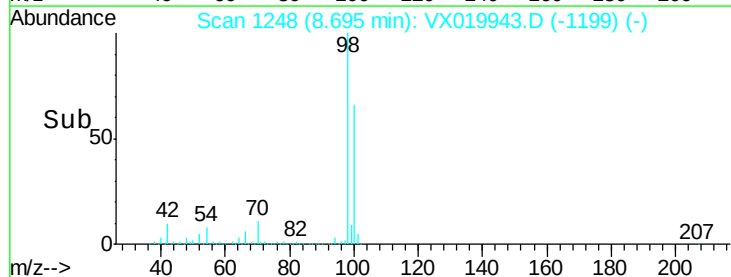
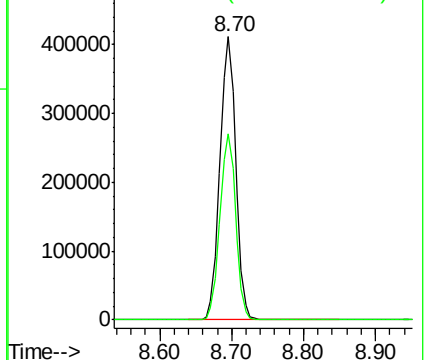
98 100

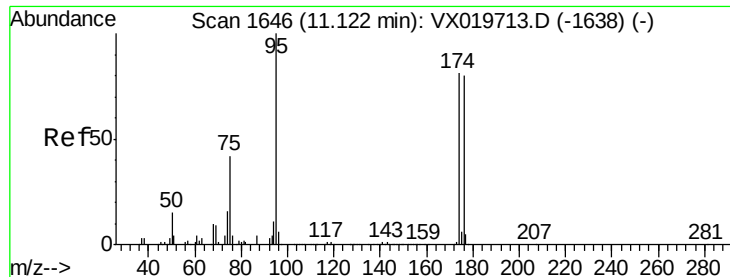
100 65.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.549 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019943.D

Acq: 12 Dec 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#07

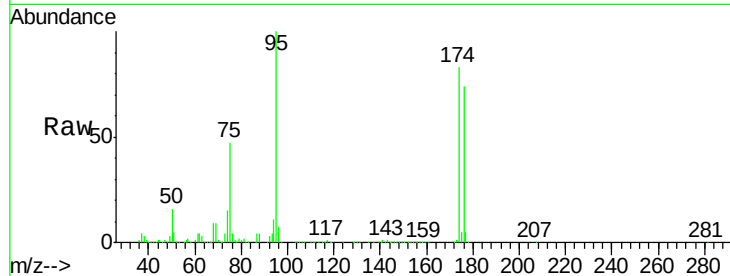
Tot Ion: 95 Resp: 214699

Ion Ratio Lower Upper

95 100

174 78.7 0.0 154.6

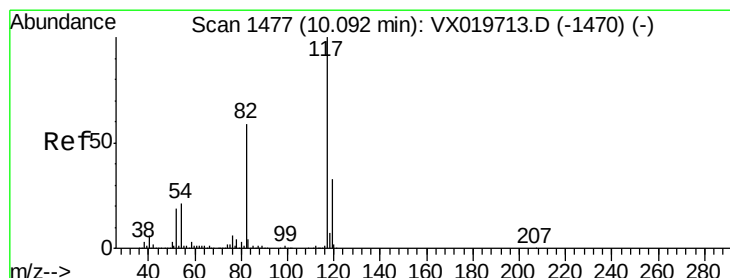
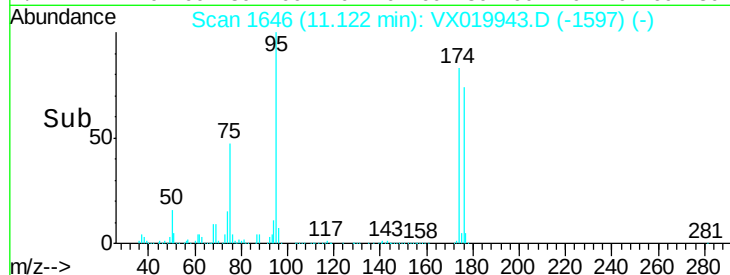
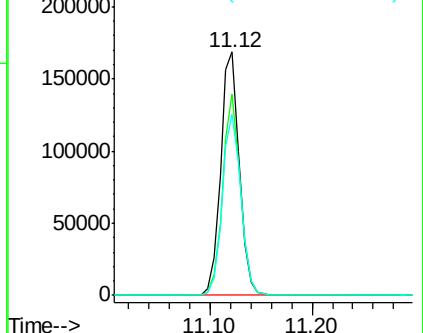
176 73.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019943.D

Acq: 12 Dec 2020 19:31

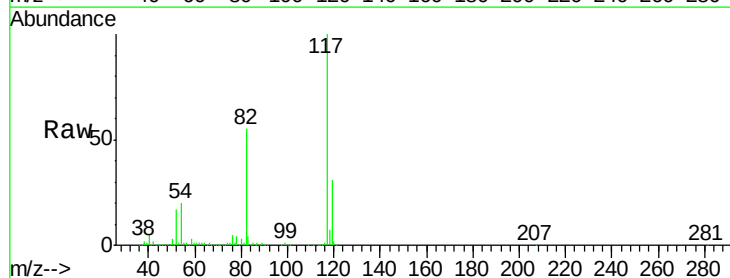
Tgt Ion: 117 Resp: 472846

Ion Ratio Lower Upper

117 100

82 54.6 47.4 71.2

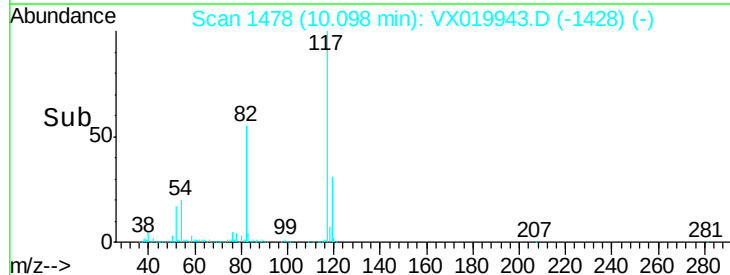
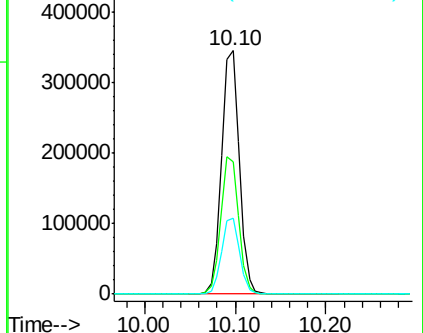
119 31.2 26.6 39.8

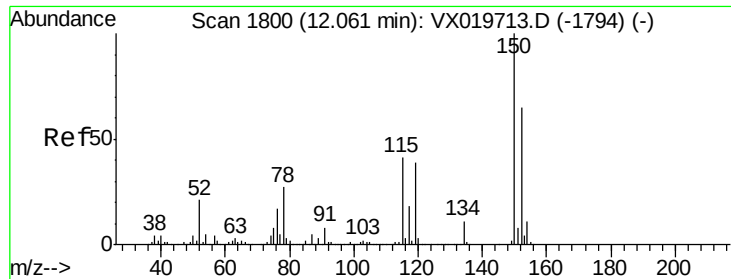


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019943.D

Acq: 12 Dec 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#07

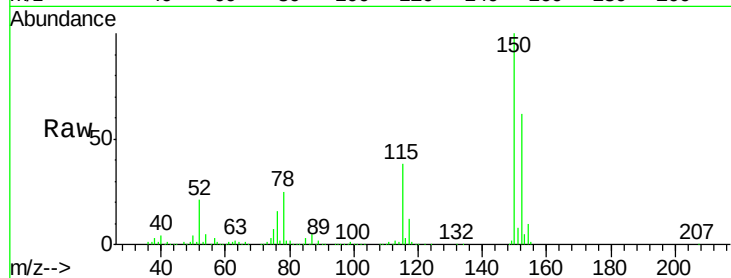
Tot Ion:152 Resp: 195427

Ion Ratio Lower Upper

152 100

115 60.7 41.1 123.3

150 157.8 0.0 349.0



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

