

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019940.D
 Acq On : 12 Dec 2020 18:21
 Operator : JC/MD
 Sample : PB133524ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133524ZHE#04

Quant Time: Dec 14 08:39:33 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	5.63	168	308807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	507716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	474320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	198715	48.96	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.92%		
35) Dibromofluoromethane	5.46	113	159115	48.49	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.98%		
50) Toluene-d8	8.70	98	634063	50.62	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.24%		
62) 4-Bromofluorobenzene	11.12	95	222022	46.57	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.14%		

Target Compounds

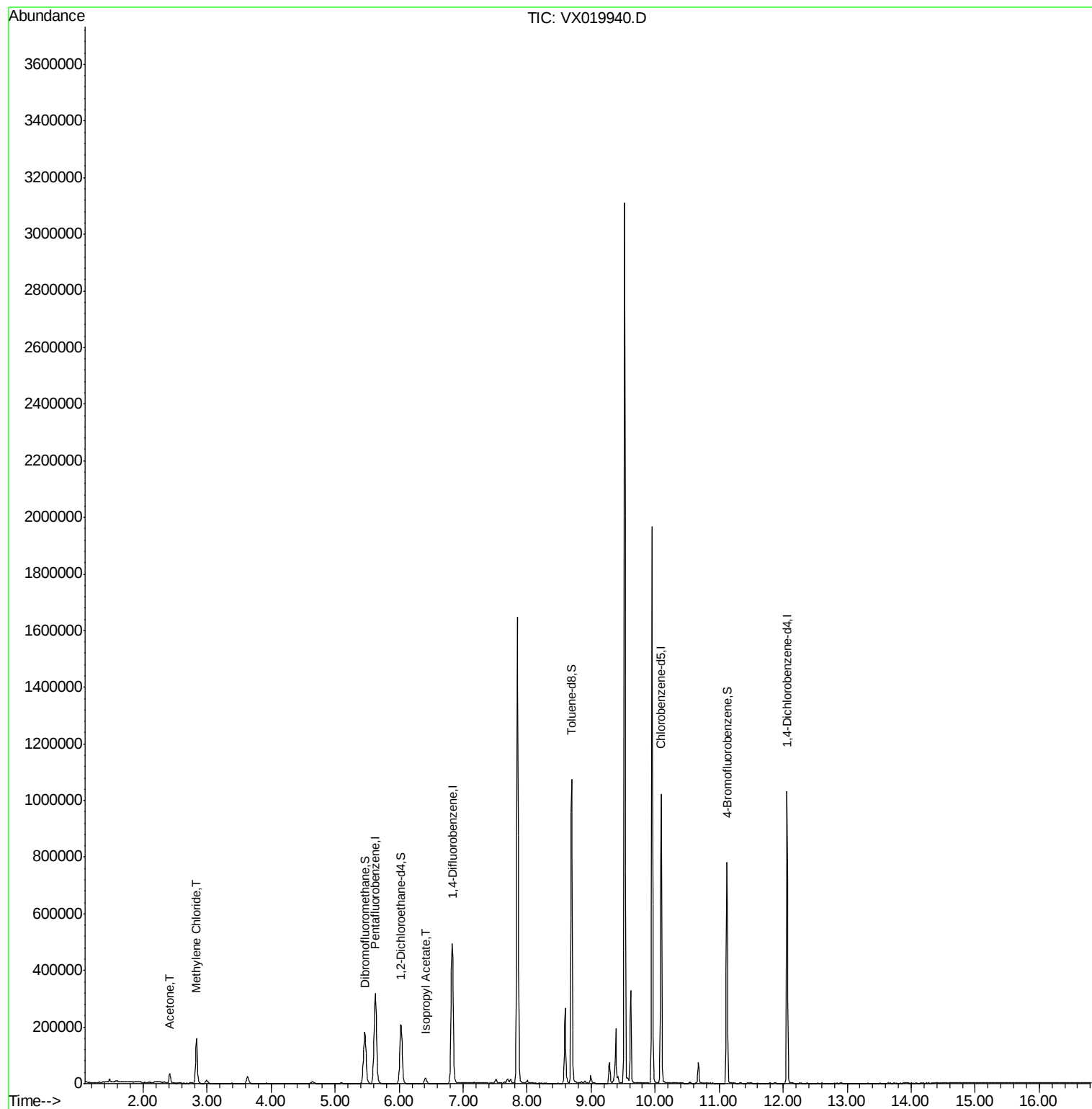
					Qvalue
16) Acetone	2.42	43	33763	22.132	ug/l 100
20) Methylene Chloride	2.84	84	77865	21.548	ug/l 99
43) Isopropyl Acetate	6.41	43	23965	3.182	ug/l 99

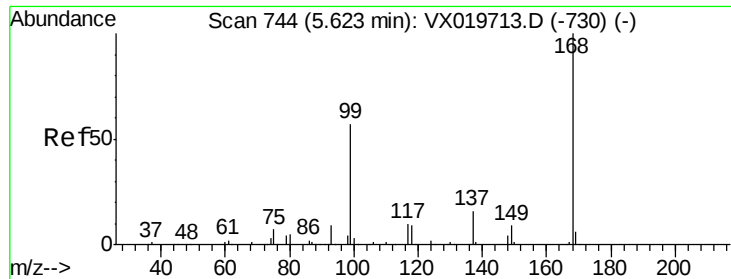
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019940.D

Acq: 12 Dec 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

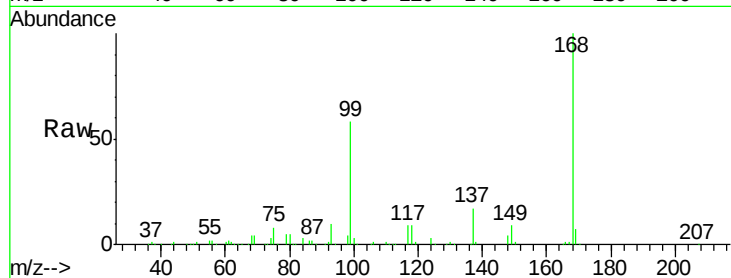
PB133524ZHE#04

Tot Ion:168 Resp: 308807

Ion Ratio Lower Upper

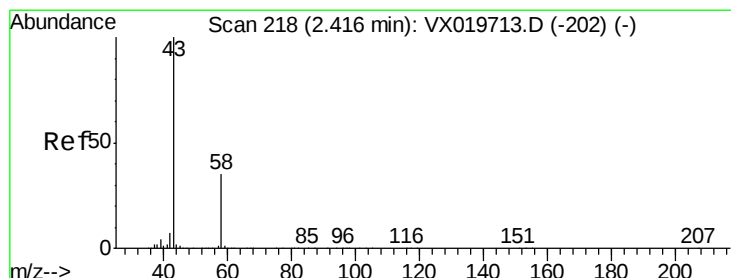
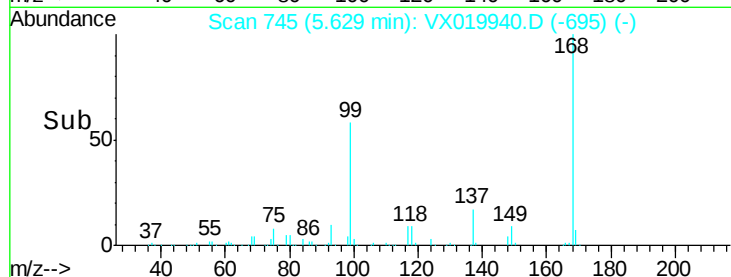
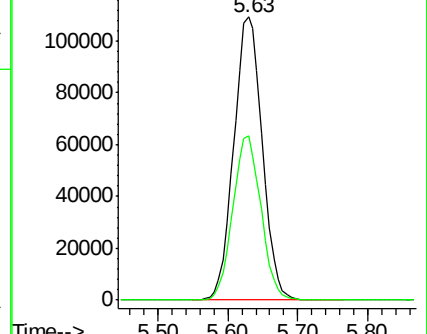
168 100

99 58.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 22.132 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019940.D

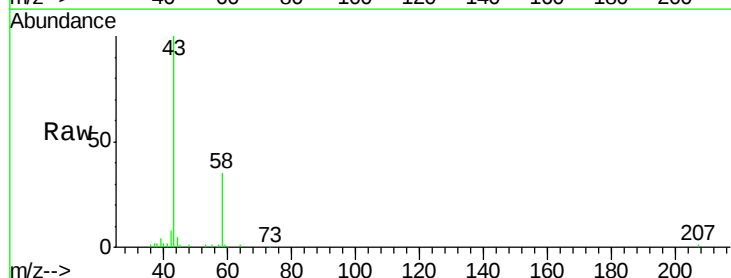
Acq: 12 Dec 2020 18:21

Tgt Ion: 43 Resp: 33763

Ion Ratio Lower Upper

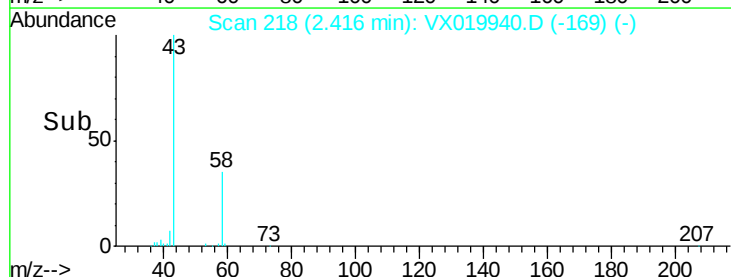
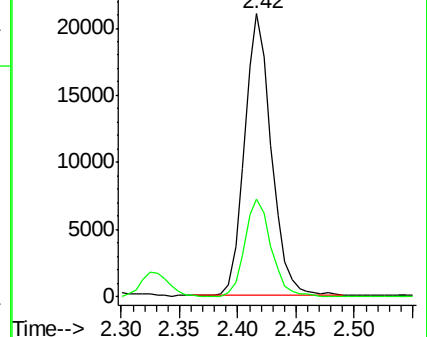
43 100

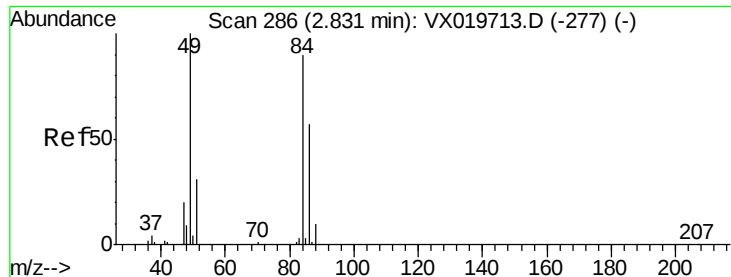
58 34.9 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

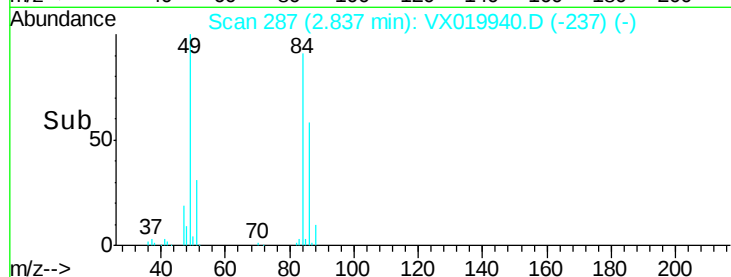
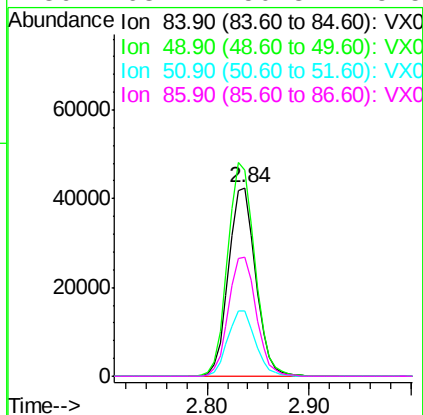
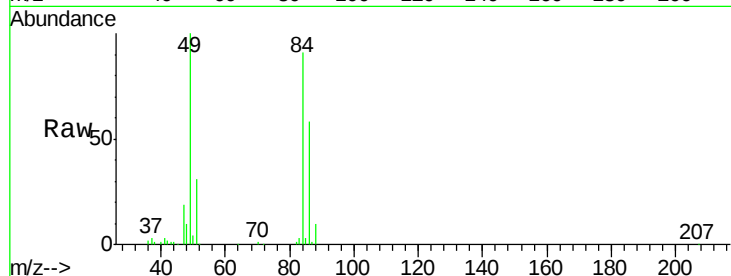




#20
Methylene Chloride
Concen: 21.548 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019940.D
Acq: 12 Dec 2020 18:21

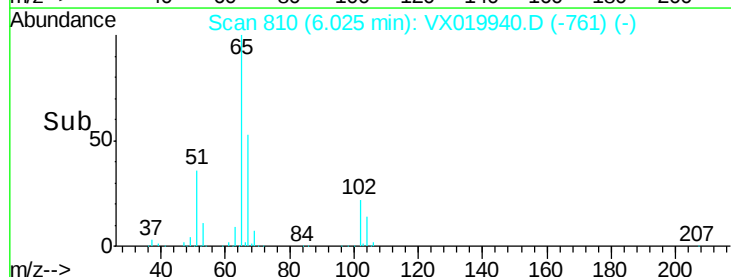
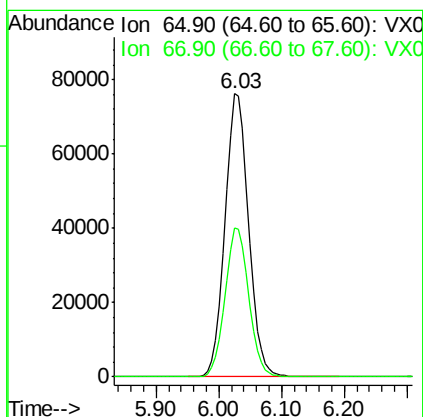
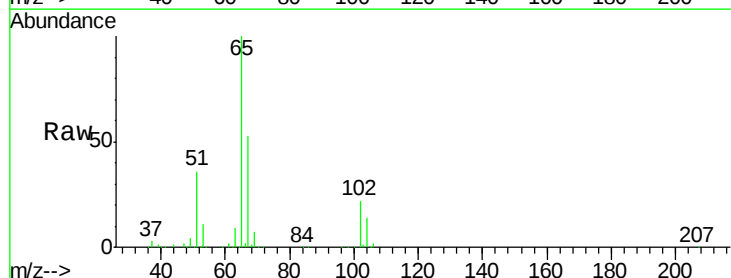
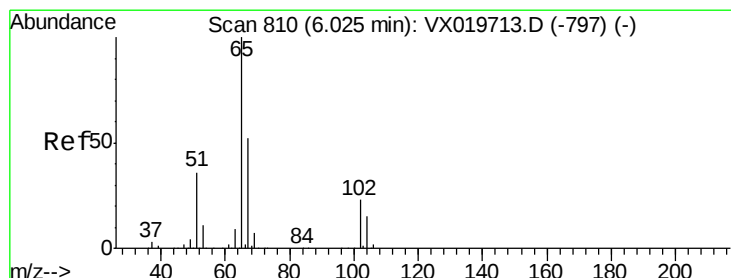
Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#04

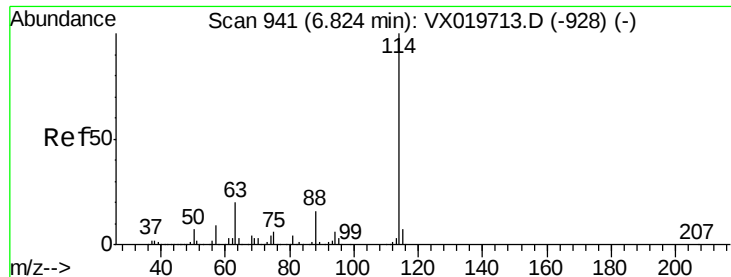
Tot Ion:	84	Resp:	77865
Ion	Ratio	Lower	Upper
84	100		
49	109.5	88.6	132.8
51	34.4	27.0	40.6
86	63.4	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 48.961 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019940.D
Acq: 12 Dec 2020 18:21

Tgt Ion:	65	Resp:	198715
Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VX019940.D

Acq: 12 Dec 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#04

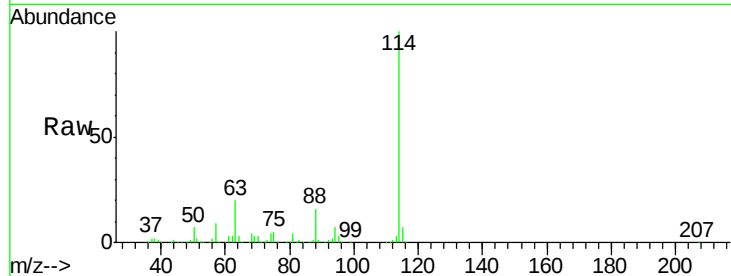
Tot Ion:114 Resp: 507716

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

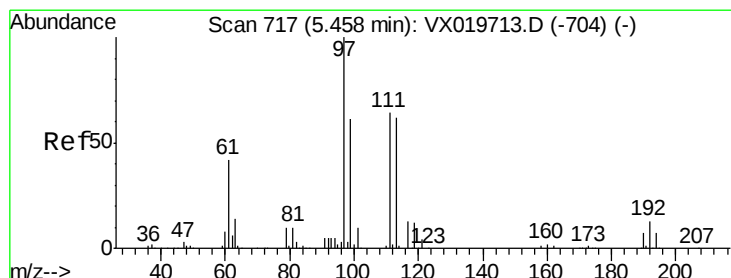
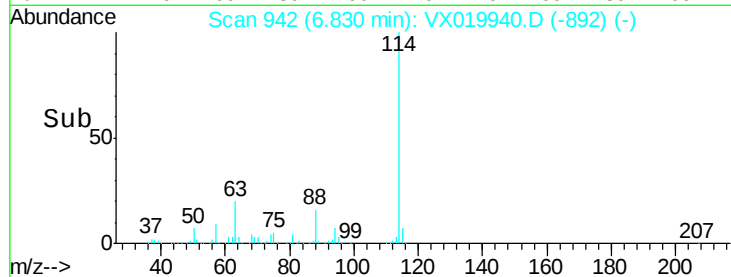
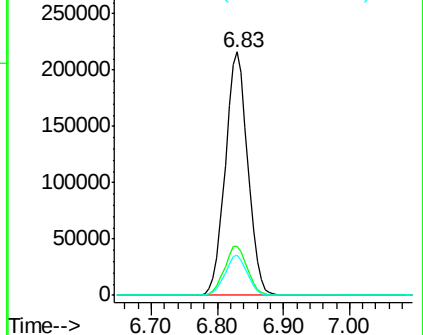
88 16.3 0.0 32.8



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: 48.492 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019940.D

Acq: 12 Dec 2020 18:21

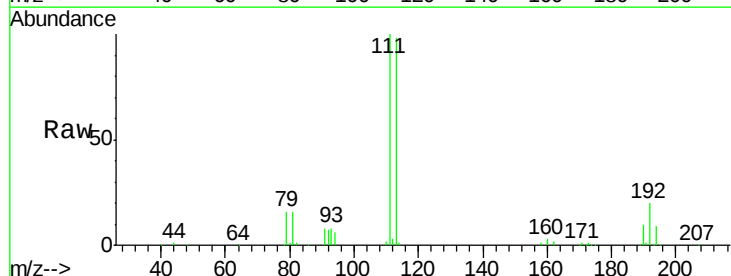
Tgt Ion:113 Resp: 159115

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

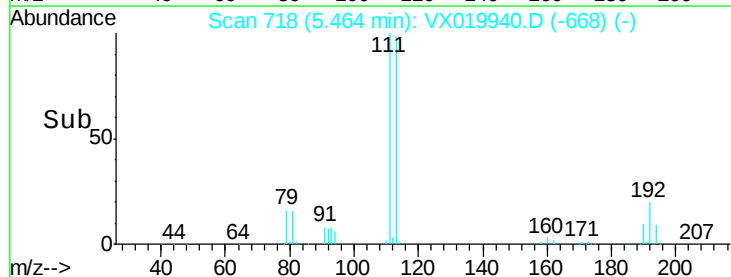
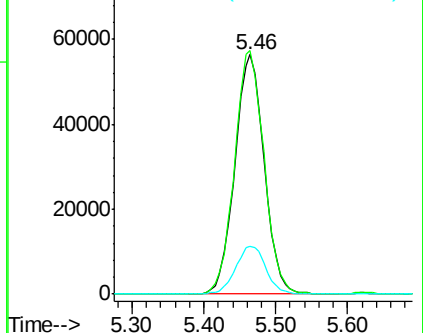
192 20.6 16.7 25.1

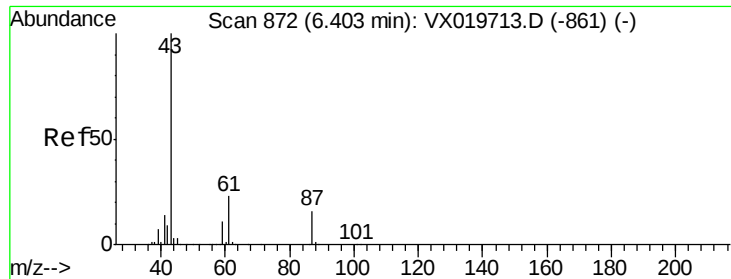


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



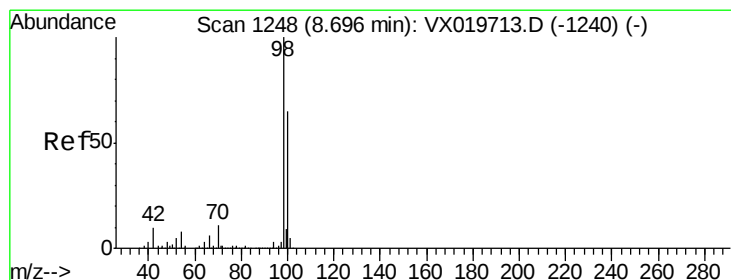
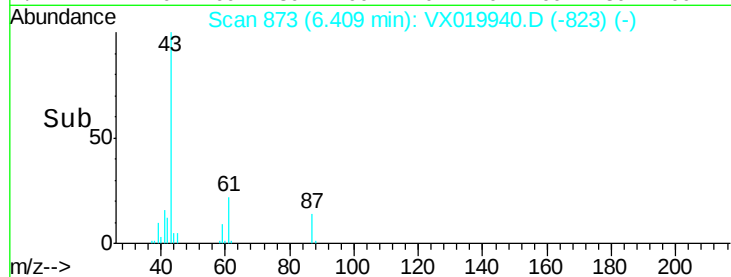
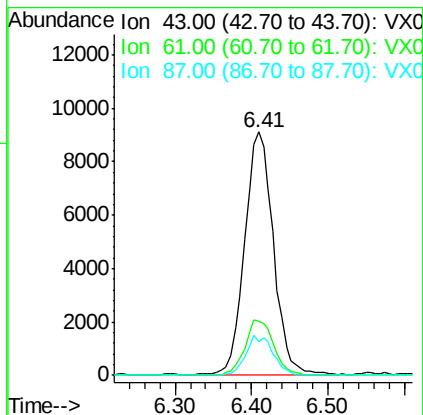
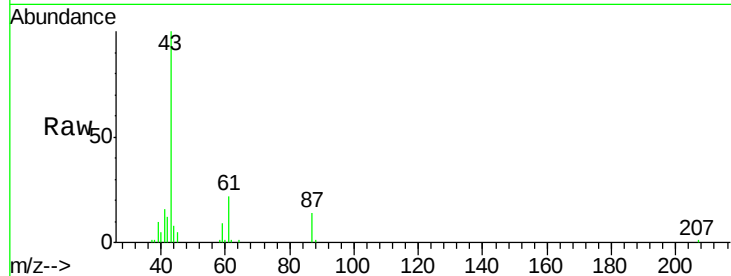


#43

Isopropyl Acetate
 Concen: 3.182 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019940.D
 Acq: 12 Dec 2020 18:21

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133524ZHE#04

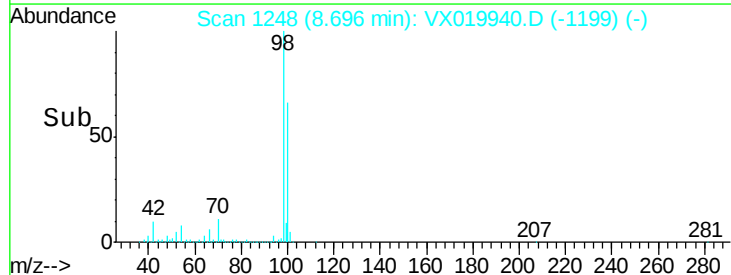
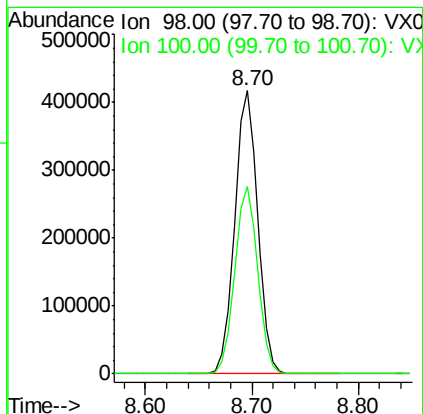
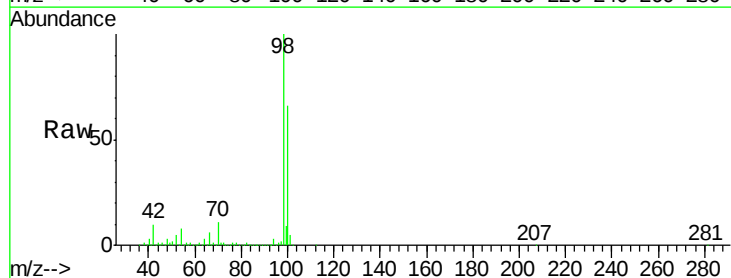
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	18.2	27.4
87	15.3	12.5	18.7

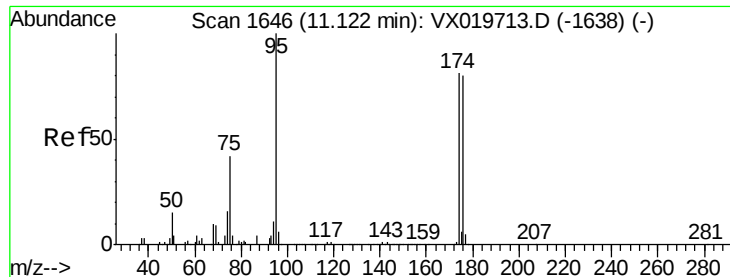


#50

Toluene-d8
 Concen: 50.615 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019940.D
 Acq: 12 Dec 2020 18:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 46.565 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019940.D

Acq: 12 Dec 2020 18:21

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#04

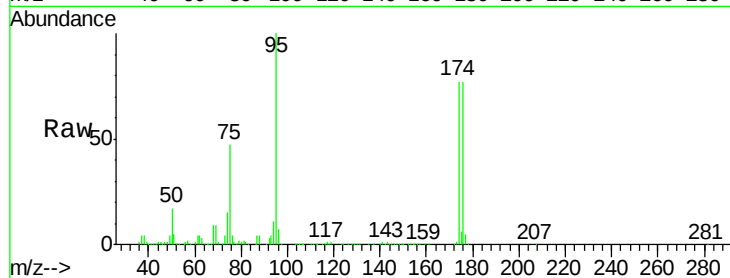
Tot Ion: 95 Resp: 222022

Ion Ratio Lower Upper

95 100

174 76.7 0.0 154.6

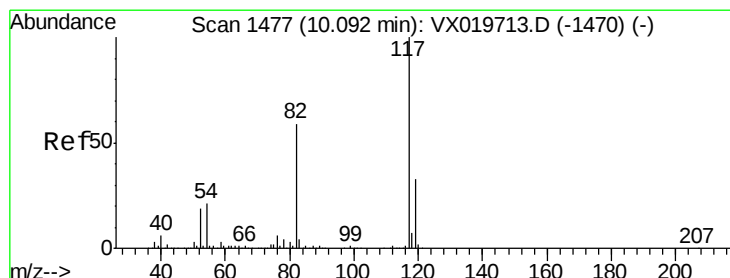
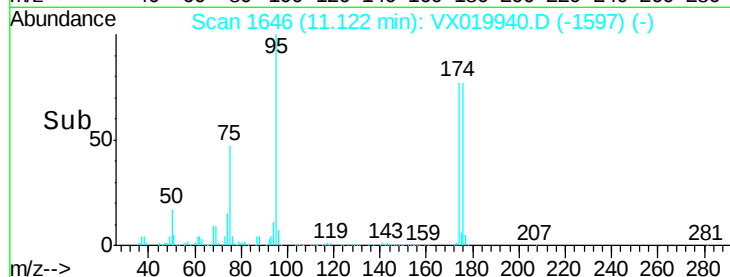
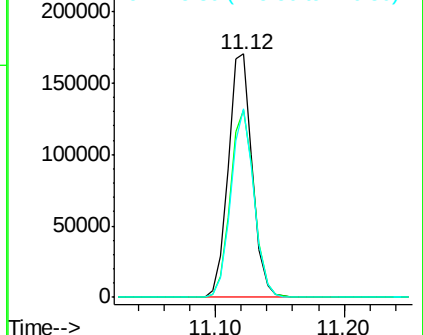
176 74.5 0.0 155.8



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: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019940.D

Acq: 12 Dec 2020 18:21

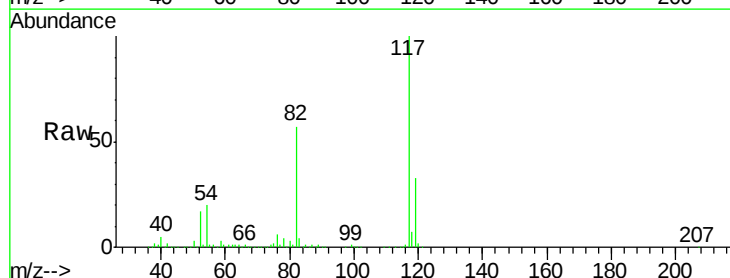
Tgt Ion: 117 Resp: 474320

Ion Ratio Lower Upper

117 100

82 56.6 47.4 71.2

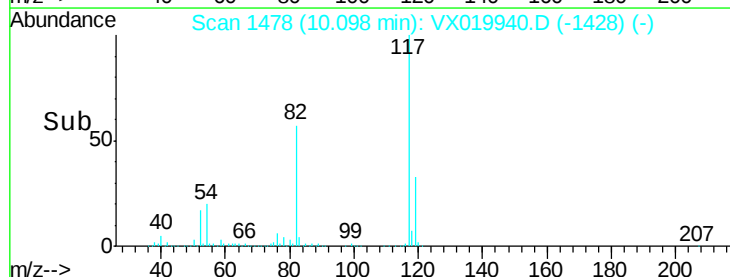
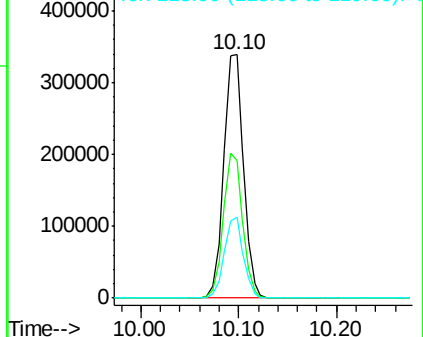
119 33.2 26.6 39.8

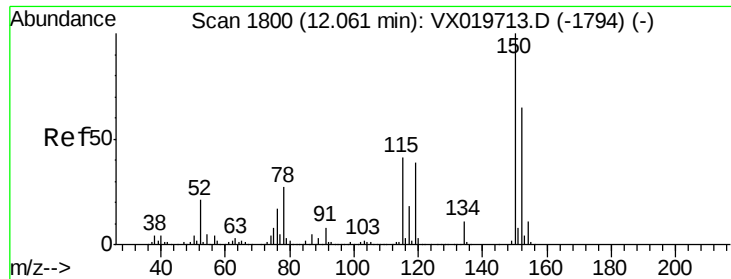


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019940.D

Acq: 12 Dec 2020 18:21

Instrument :

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ClientSampleId :

PB133524ZHE#04

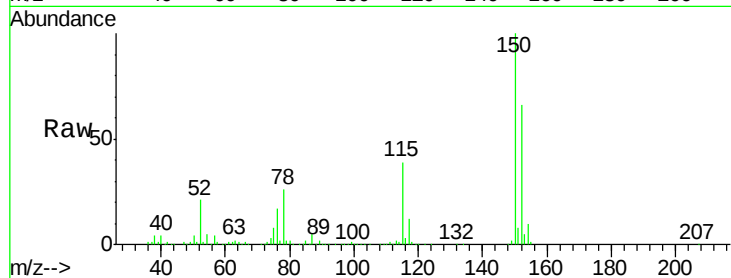
Tot Ion:152 Resp: 210467

Ion Ratio Lower Upper

152 100

115 59.1 41.1 123.3

150 151.8 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

