

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019255.D
 Acq On : 03 Nov 2020 23:45
 Operator : JC/MD
 Sample : PB132784ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132784ZHE#05

Quant Time: Nov 04 03:06:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

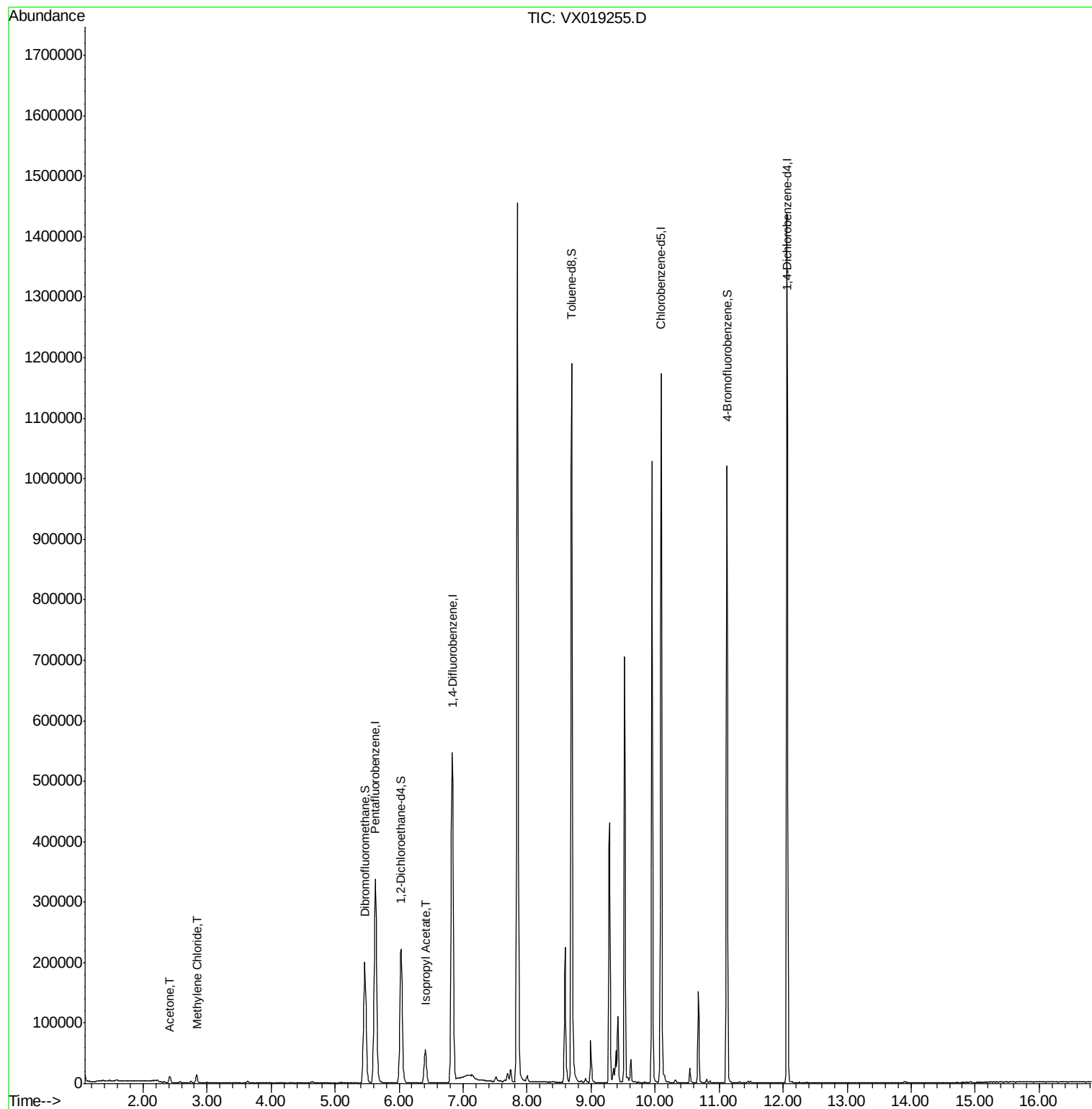
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	312236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	559743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	544848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	284006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	215999	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
35) Dibromofluoromethane	5.46	113	173895	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	8.70	98	703170	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.12	95	271248	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
Target Compounds						
16) Acetone	2.42	43	11617	8.363	ug/l	98
20) Methylene Chloride	2.84	84	6568	1.883	ug/l	95
43) Isopropyl Acetate	6.41	43	75308	9.372	ug/l	97

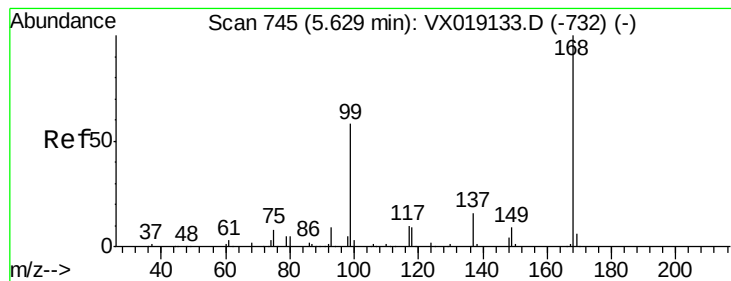
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.00 min

Lab File: VX019255.D

Acq: 03 Nov 2020 23:45

Instrument :

MSVOA_X

ClientSampleId :

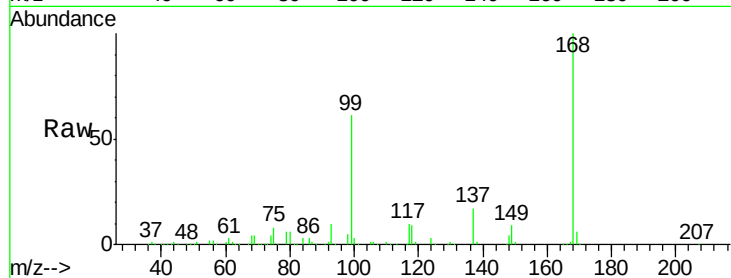
PB132784ZHE#05

Tot Ion:168 Resp: 312236

Ion Ratio Lower Upper

168 100

99 60.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

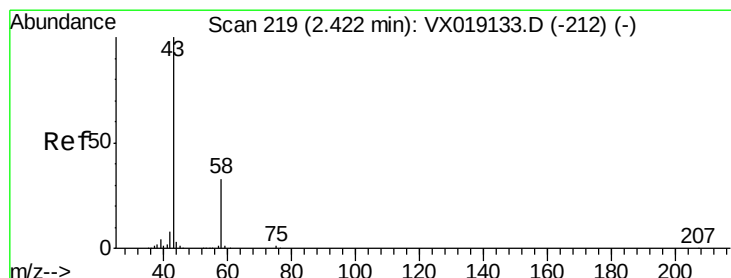
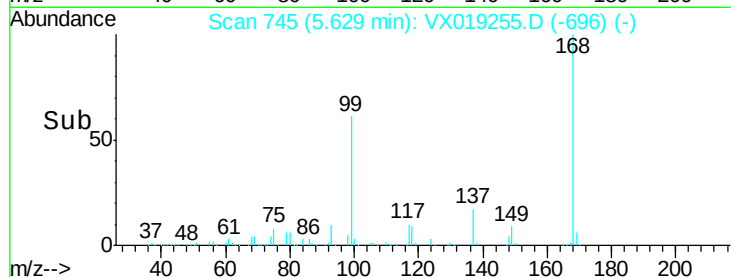
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.363 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019255.D

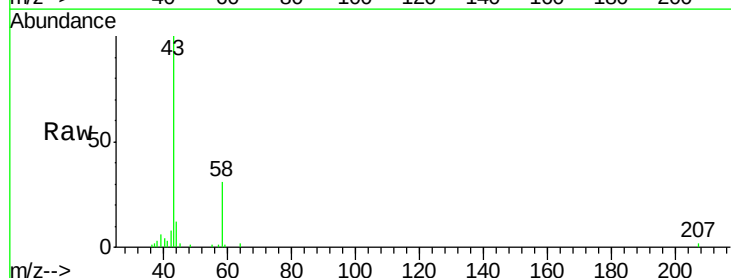
Acq: 03 Nov 2020 23:45

Tgt Ion: 43 Resp: 11617

Ion Ratio Lower Upper

43 100

58 31.9 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

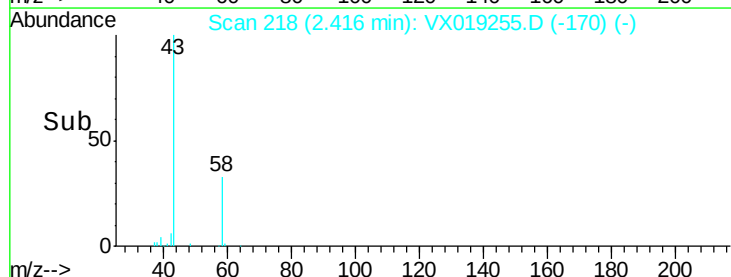
6000

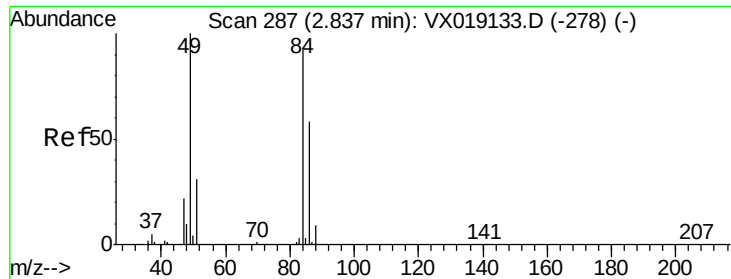
4000

2000

0

Time-->

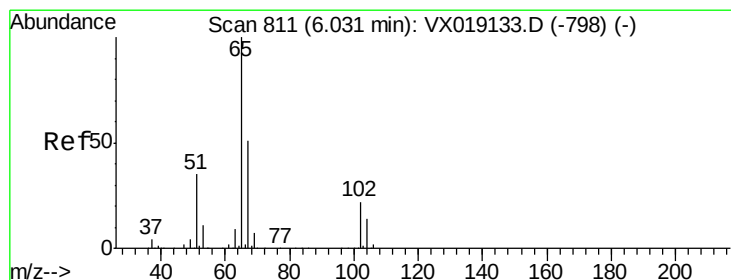
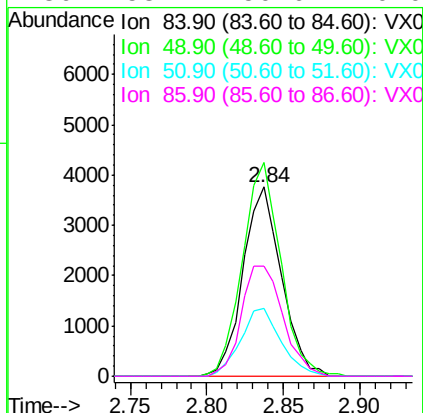
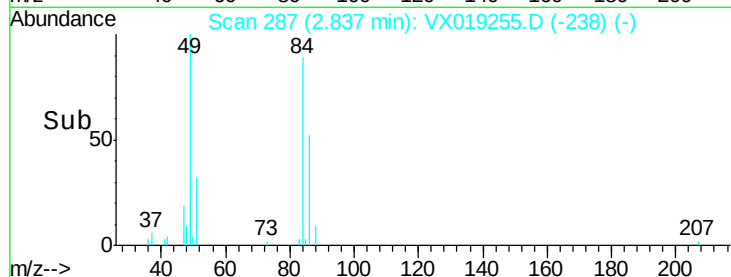
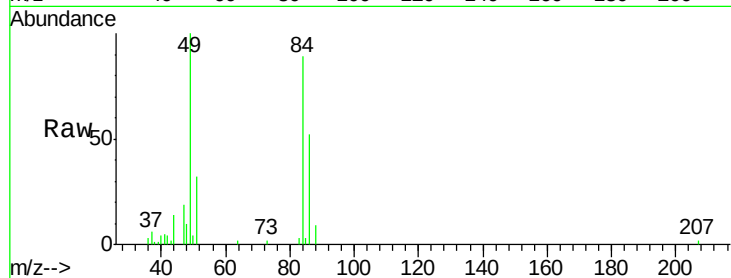




#20
Methylene Chloride
Concen: 1.883 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019255.D
Acq: 03 Nov 2020 23:45

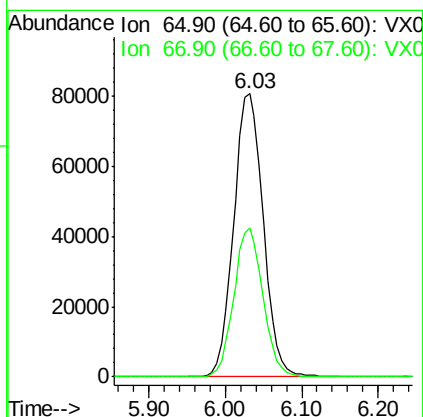
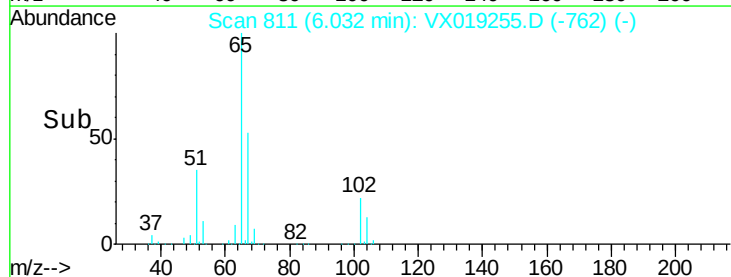
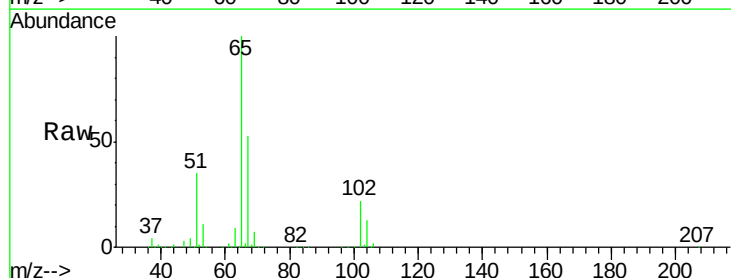
Instrument :
MSVOA_X
ClientSampleId :
PB132784ZHE#05

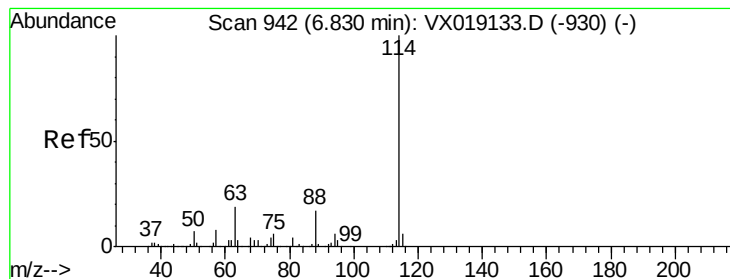
Tot Ion:	84	Resp:	6568
Ion	Ratio	Lower	Upper
84	100		
49	112.8	86.8	130.2
51	36.0	27.3	40.9
86	58.2	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 53.642 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019255.D
Acq: 03 Nov 2020 23:45

Tgt Ion:	65	Resp:	215999
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019255.D

Acq: 03 Nov 2020 23:45

Instrument :

MSVOA_X

ClientSampleId :

PB132784ZHE#05

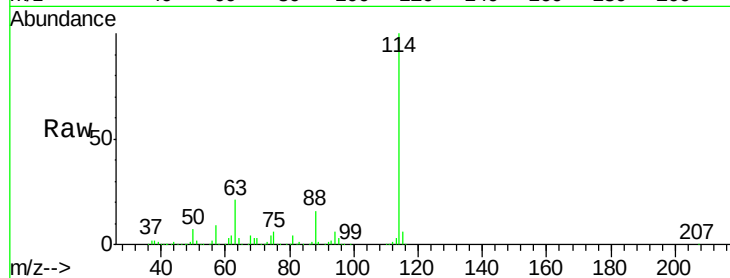
Tot Ion:114 Resp: 559743

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

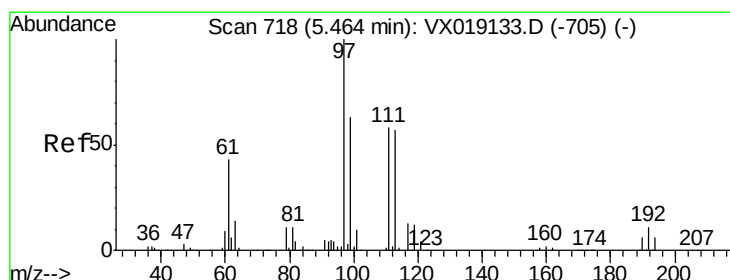
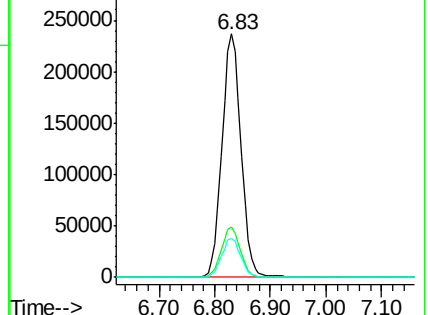
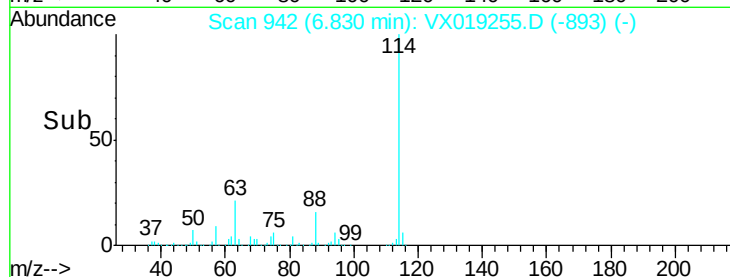
88 16.0 0.0 34.2



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: 49.459 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019255.D

Acq: 03 Nov 2020 23:45

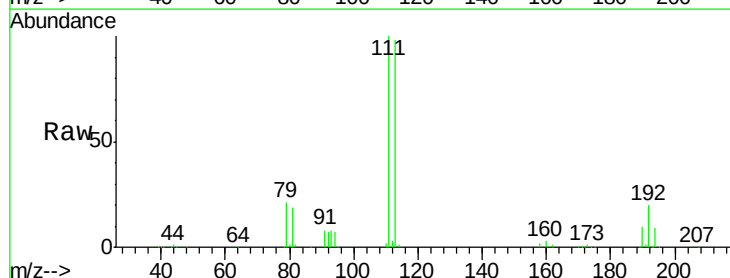
Tgt Ion:113 Resp: 173895

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

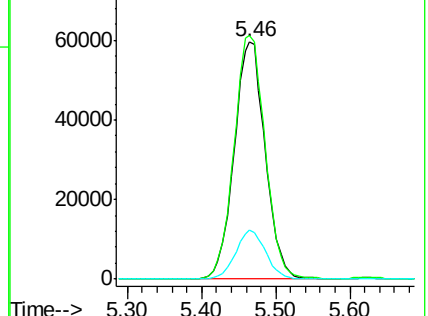
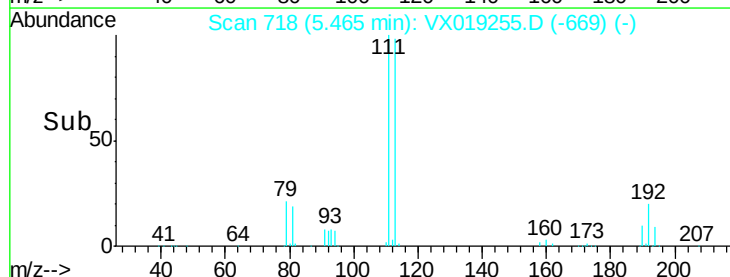
192 20.1 16.2 24.2

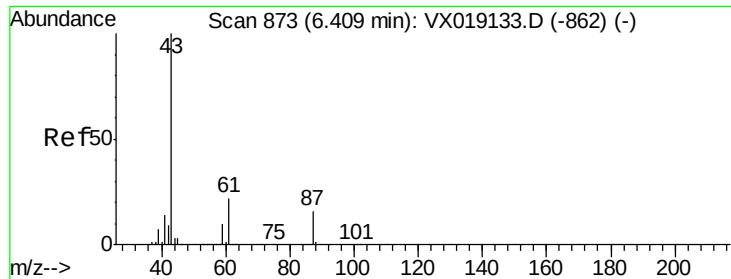


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

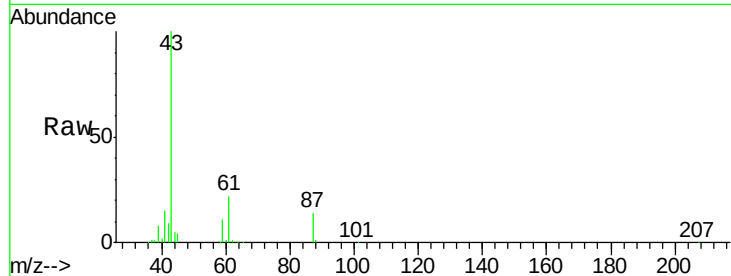




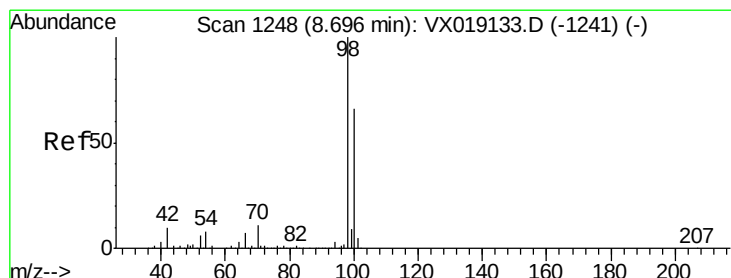
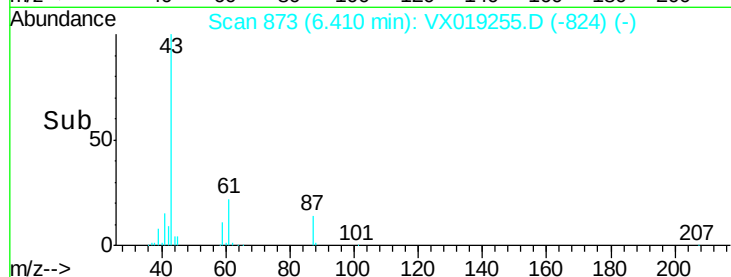
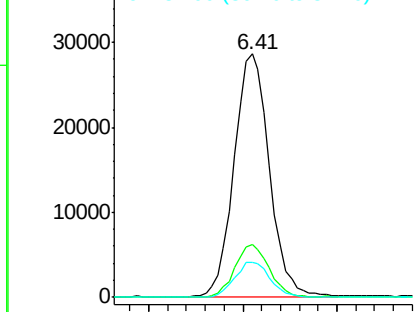
#43
Isopropyl Acetate
Concen: 9.372 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX019255.D
Acq: 03 Nov 2020 23:45

Instrument :
MSVOA_X
ClientSampleId :
PB132784ZHE#05

Tot Ion: 43 Resp: 75308
Ion Ratio Lower Upper
43 100
61 21.1 17.8 26.6
87 14.5 12.6 19.0

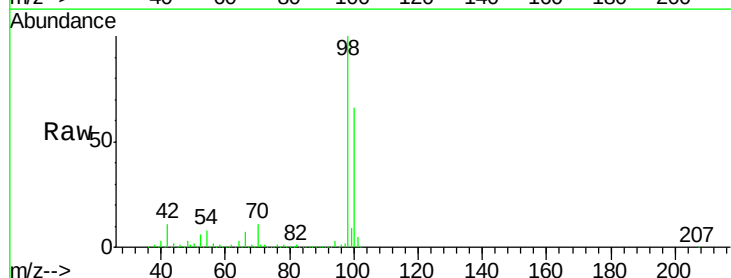


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

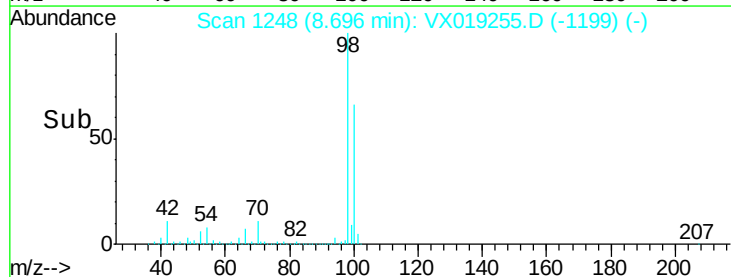
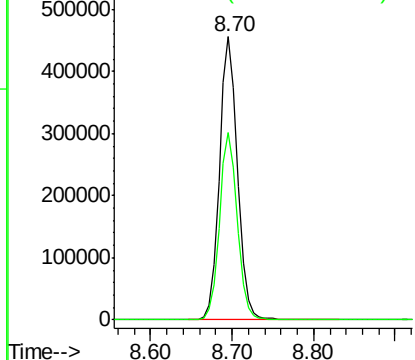


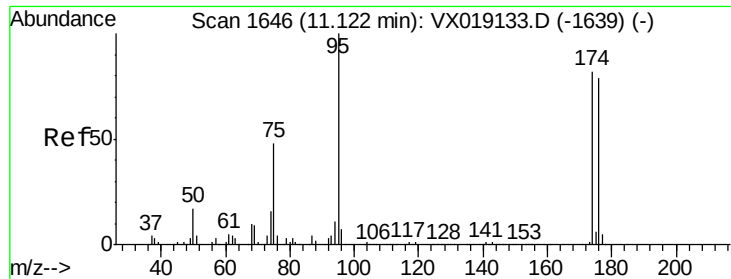
#50
Toluene-d8
Concen: 53.054 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019255.D
Acq: 03 Nov 2020 23:45

Tgt Ion: 98 Resp: 703170
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

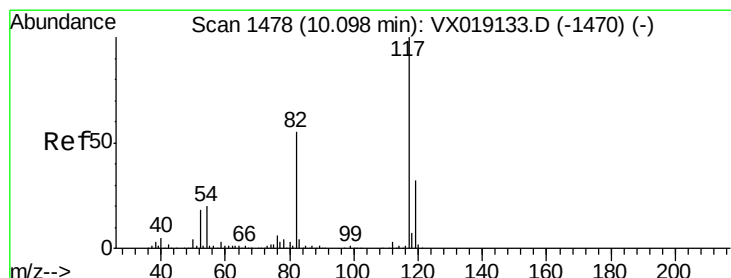
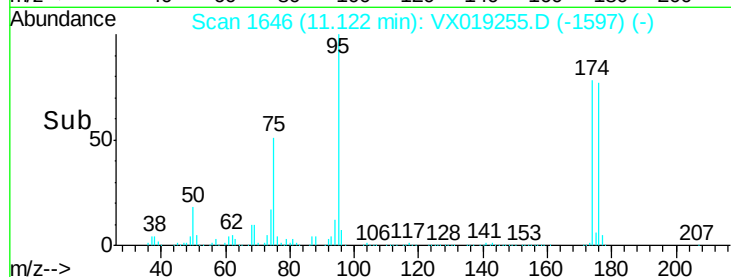
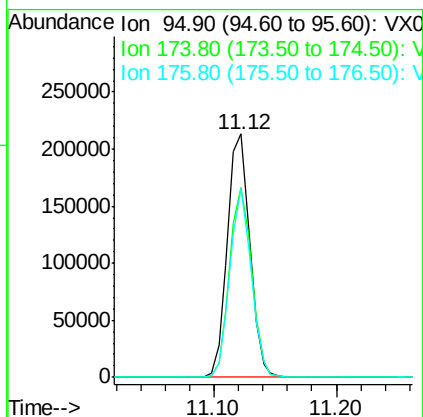
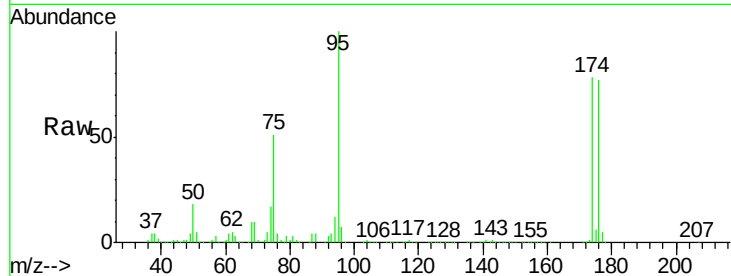




#62
4-Bromofluorobenzene
Concen: 54.041 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019255.D
Acq: 03 Nov 2020 23:45

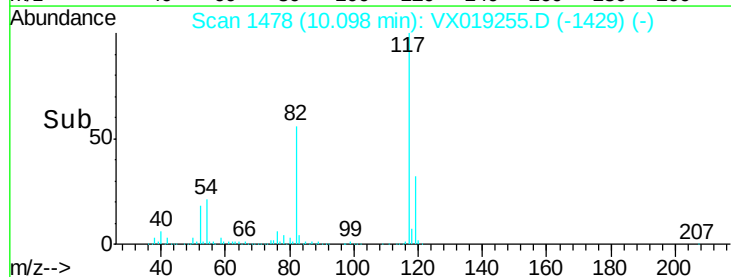
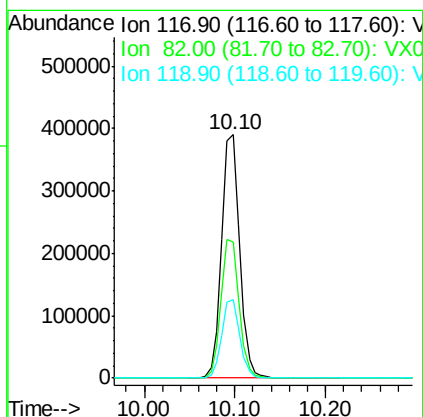
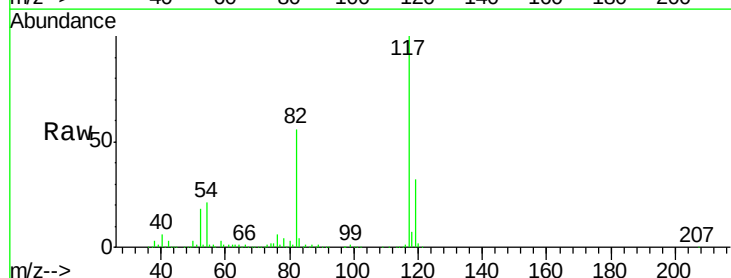
Instrument :
MSVOA_X
ClientSampleId :
PB132784ZHE#05

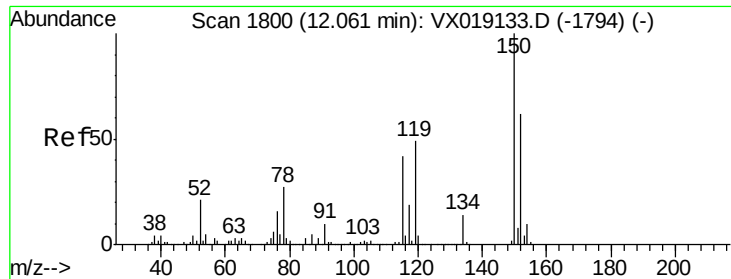
Tot Ion: 95 Resp: 271248
Ion Ratio Lower Upper
95 100
174 77.1 0.0 156.0
176 73.7 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019255.D
Acq: 03 Nov 2020 23:45

Tgt Ion: 117 Resp: 544848
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019255.D

Acq: 03 Nov 2020 23:45

Instrument :

MSVOA_X

ClientSampleId :

PB132784ZHE#05

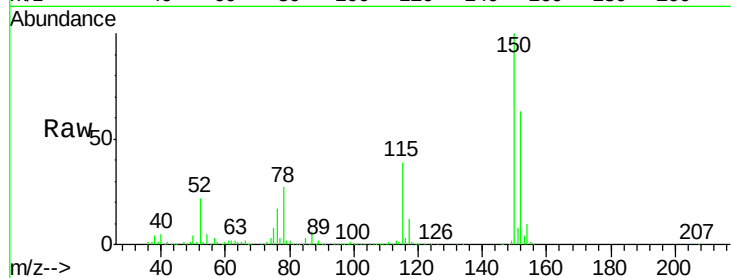
Tot Ion:152 Resp: 284006

Ion Ratio Lower Upper

152 100

115 60.5 41.9 125.7

150 156.1 0.0 347.8



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

