

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019060.D
 Acq On : 23 Oct 2020 04:41
 Operator : JC/SP
 Sample : PB132537ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132537ZHE#01

Quant Time: Oct 23 09:51:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

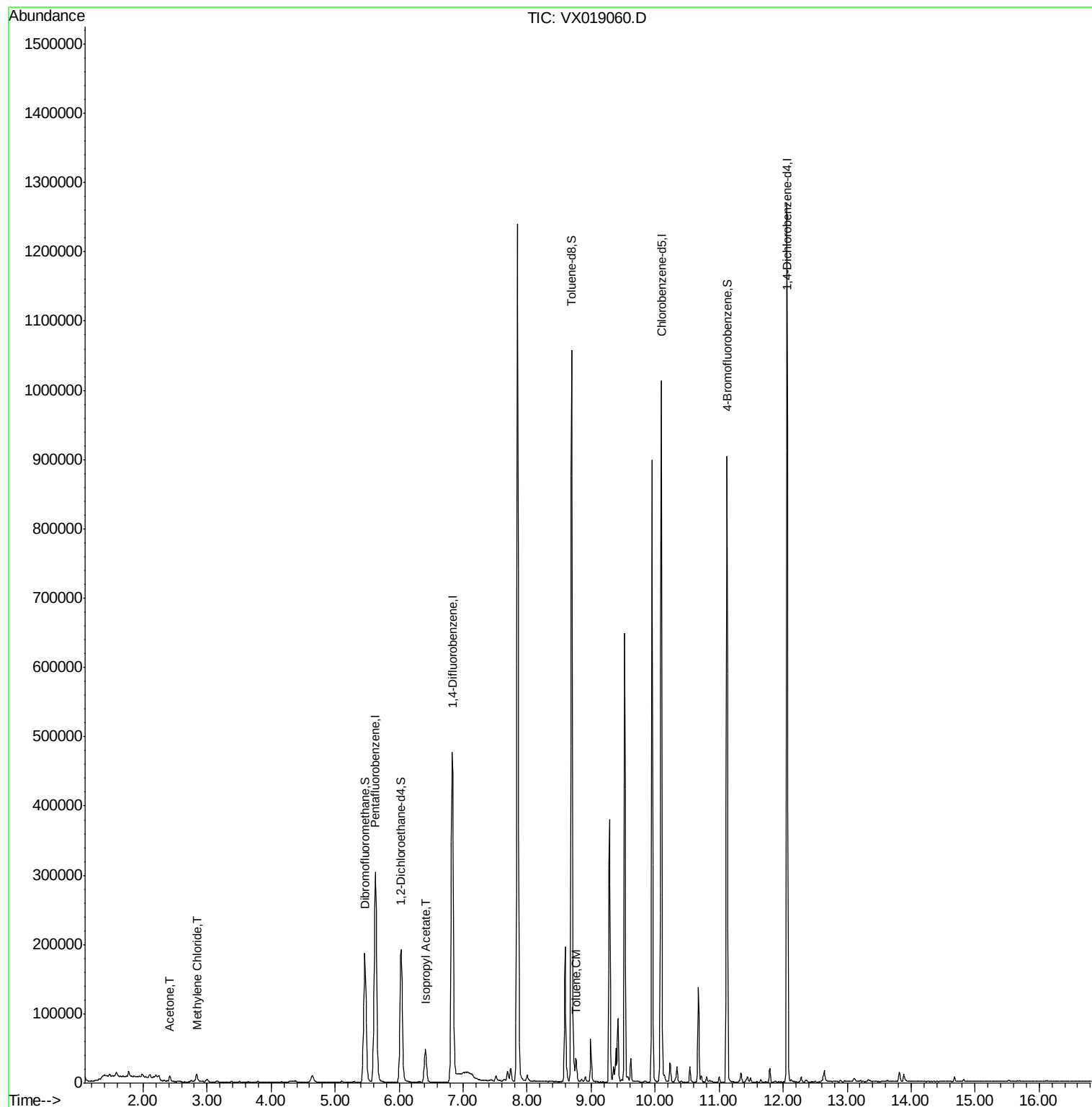
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	304104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	513126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	256836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	180358	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
35) Dibromofluoromethane	5.46	113	161351	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	8.70	98	635985	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.12	95	234866	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
Target Compounds						
16) Acetone	2.42	43	8736	7.041	ug/l	96
20) Methylene Chloride	2.84	84	5639	1.633	ug/l	90
43) Isopropyl Acetate	6.41	43	61922	9.304	ug/l	99
52) Toluene	8.77	92	10497	1.172	ug/l	99

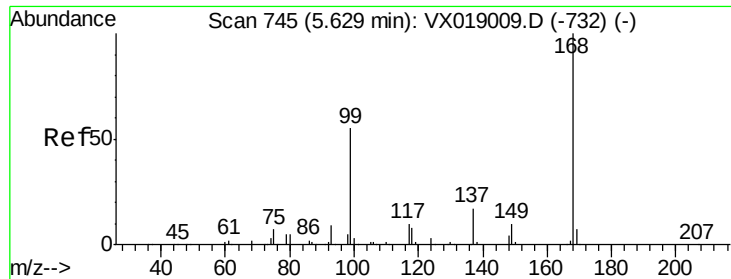
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 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: VX019060.D

Acq: 23 Oct 2020 04:41

Instrument :

MSVOA_X

ClientSampleId :

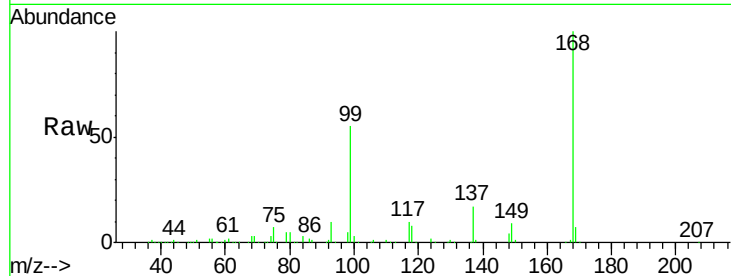
PB132537ZHE#01

Tot Ion:168 Resp: 304104

Ion Ratio Lower Upper

168 100

99 54.8 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

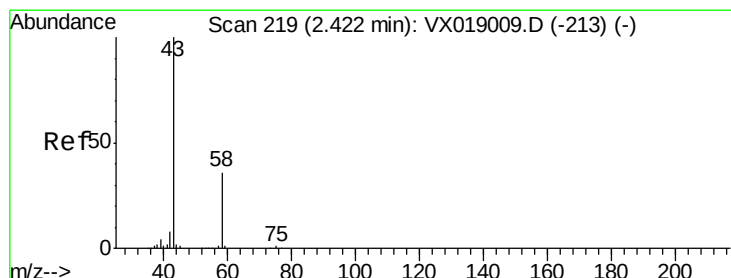
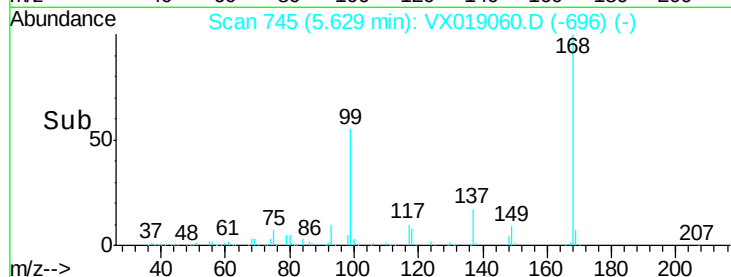
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.041 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019060.D

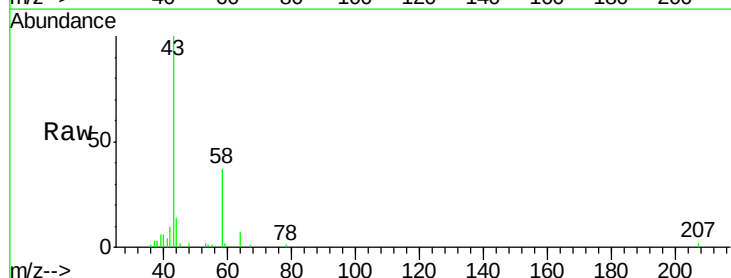
Acq: 23 Oct 2020 04:41

Tgt Ion: 43 Resp: 8736

Ion Ratio Lower Upper

43 100

58 37.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

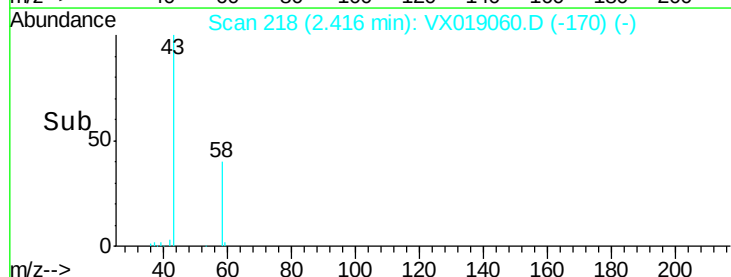
3000

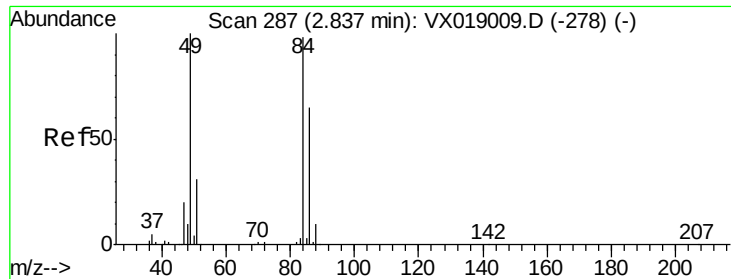
2000

1000

0

Time-->

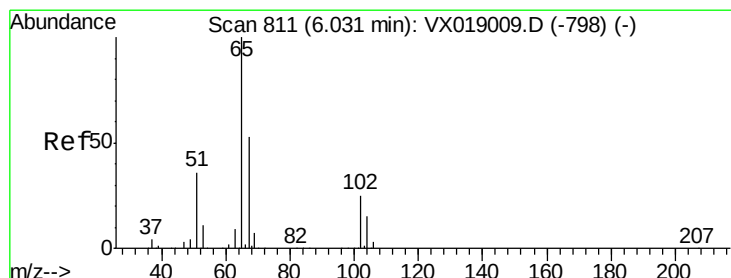
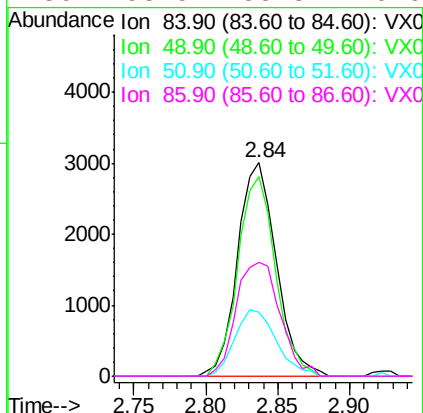
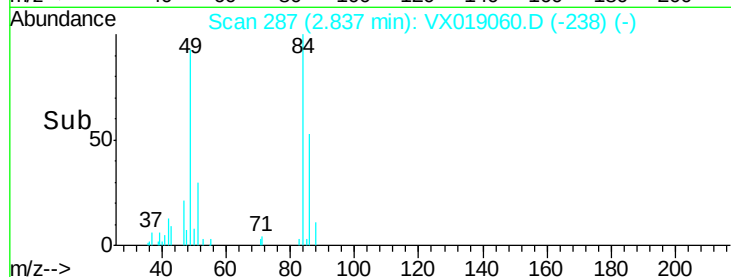
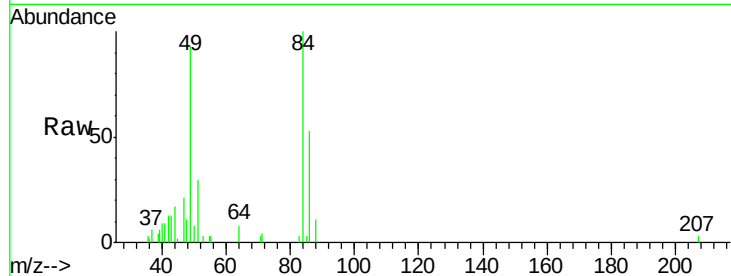




#20
Methylene Chloride
Concen: 1.633 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019060.D
Acq: 23 Oct 2020 04:41

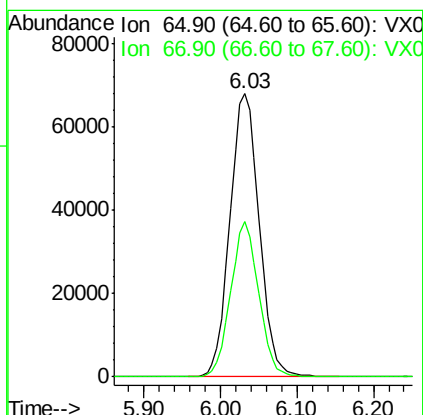
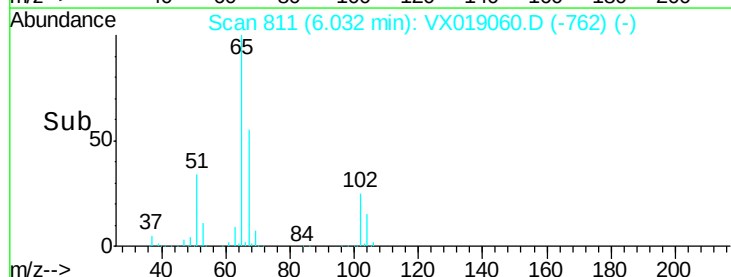
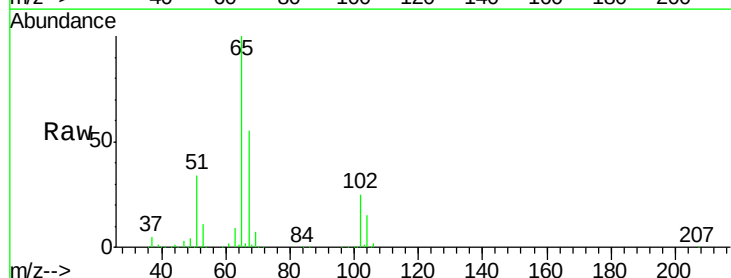
Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#01

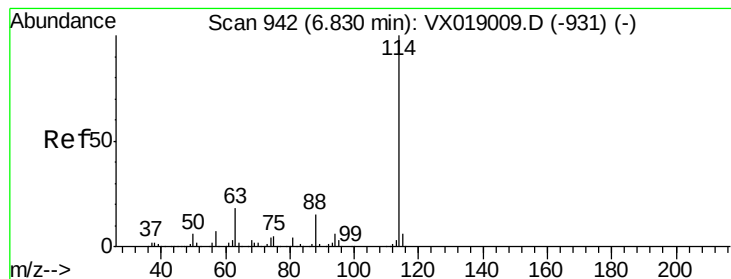
Tot Ion:	84	Resp:	5639
Ion	Ratio	Lower	Upper
84	100		
49	93.2	81.6	122.4
51	30.3	25.6	38.4
86	53.5	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 49.512 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019060.D
Acq: 23 Oct 2020 04:41

Tgt Ion:	65	Resp:	180358
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019060.D

Acq: 23 Oct 2020 04:41

Instrument :

MSVOA_X

ClientSampleId :

PB132537ZHE#01

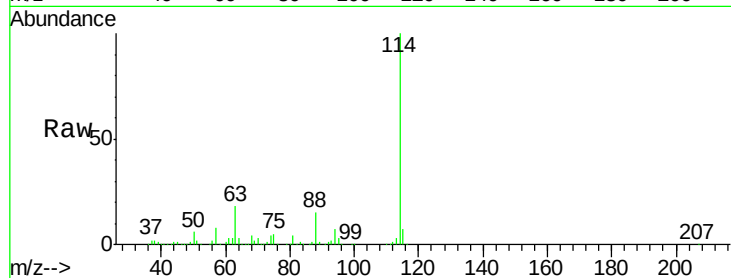
Tot Ion:114 Resp: 513126

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

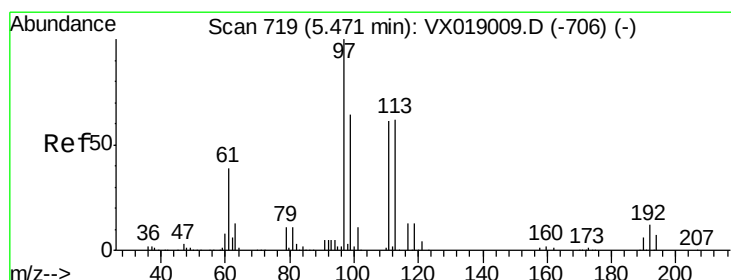
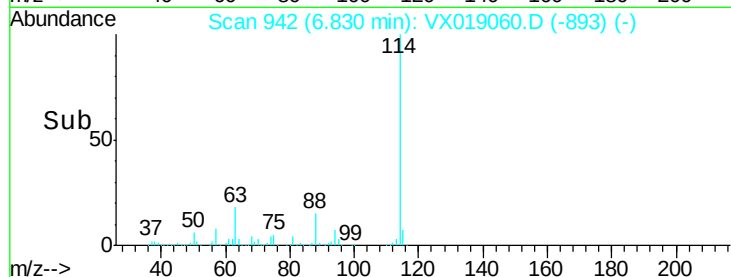
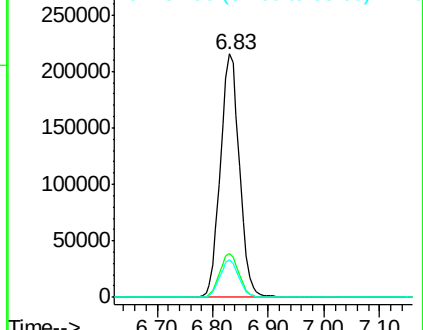
88 15.5 0.0 30.2



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: 49.665 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019060.D

Acq: 23 Oct 2020 04:41

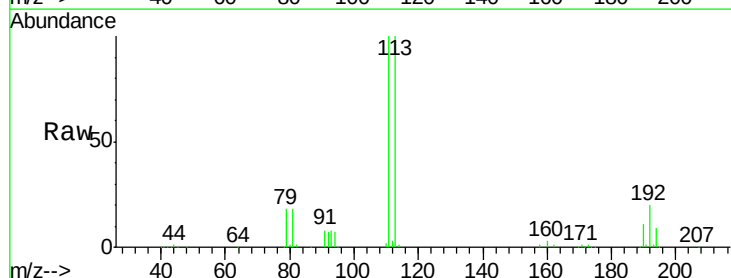
Tgt Ion:113 Resp: 161351

Ion Ratio Lower Upper

113 100

111 102.0 81.5 122.3

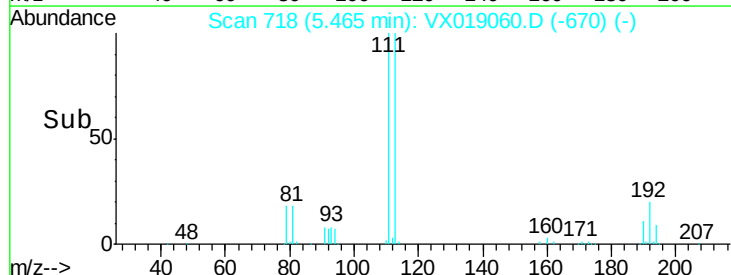
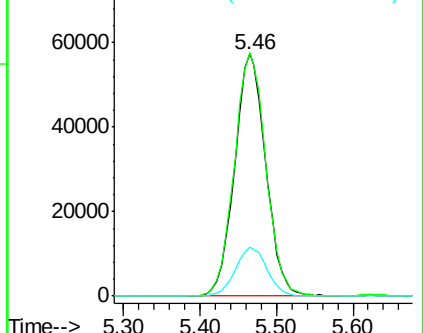
192 20.6 16.3 24.5

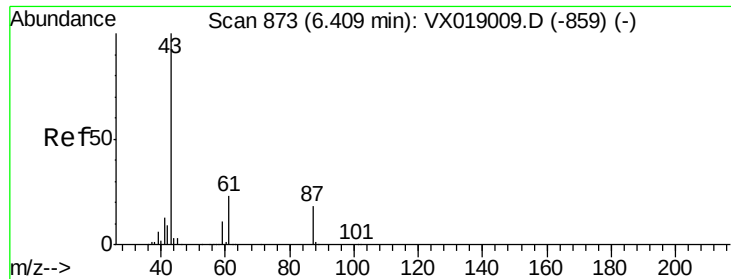


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.304 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019060.D

Acq: 23 Oct 2020 04:41

Instrument :

MSVOA_X

ClientSampleId :

PB132537ZHE#01

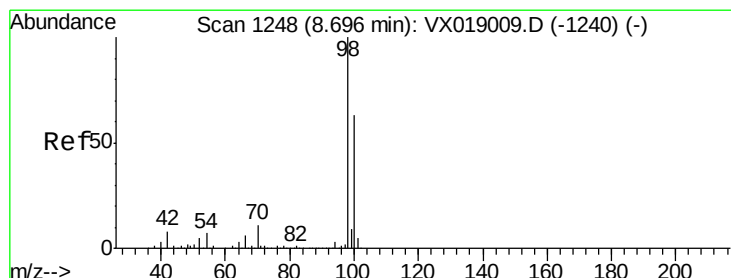
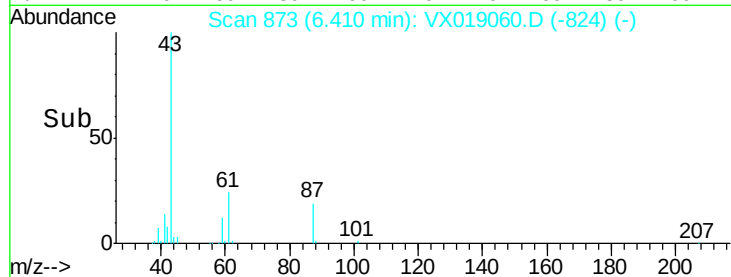
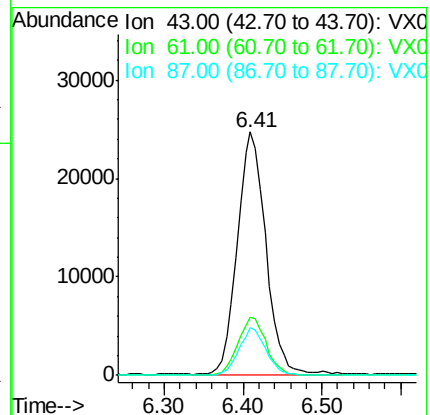
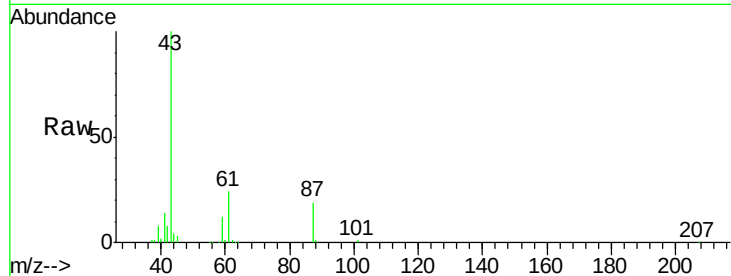
Tot Ion: 43 Resp: 61922

Ion Ratio Lower Upper

43 100

61 23.9 18.7 28.1

87 18.5 14.2 21.4



#50

Toluene-d8

Concen: 51.300 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019060.D

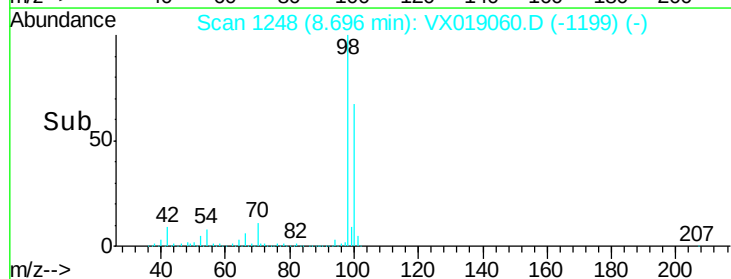
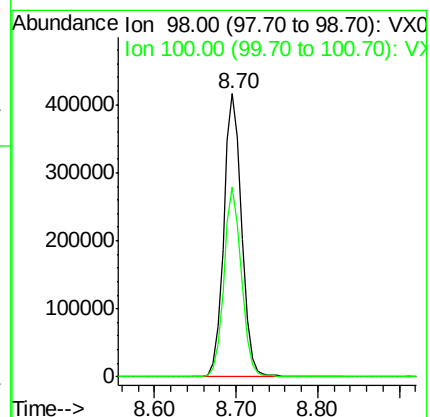
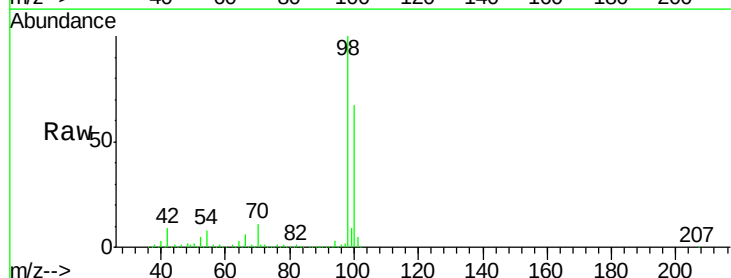
Acq: 23 Oct 2020 04:41

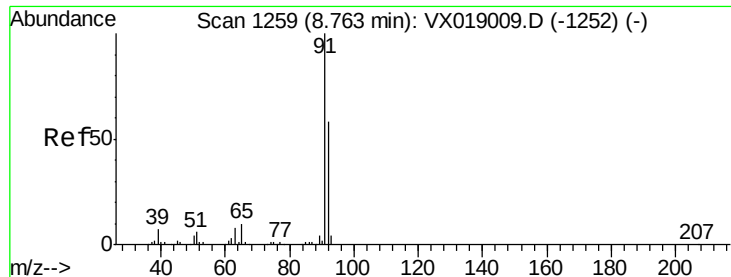
Tgt Ion: 98 Resp: 635985

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1





#52

Toluene

Concen: 1.172 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019060.D

Acq: 23 Oct 2020 04:41

Instrument :

MSVOA_X

ClientSampleId :

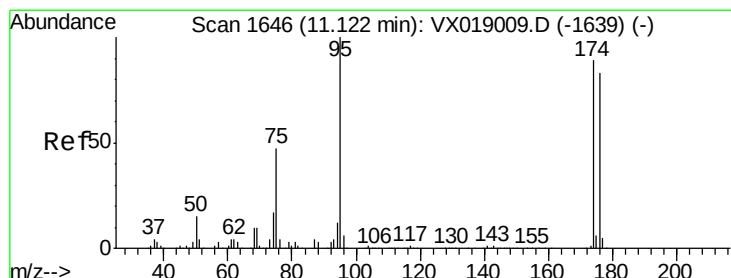
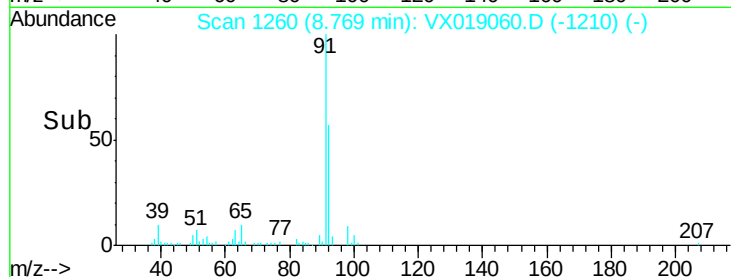
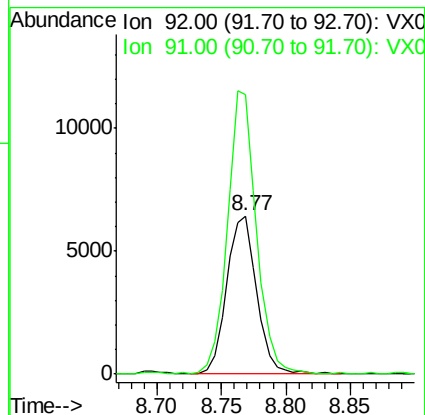
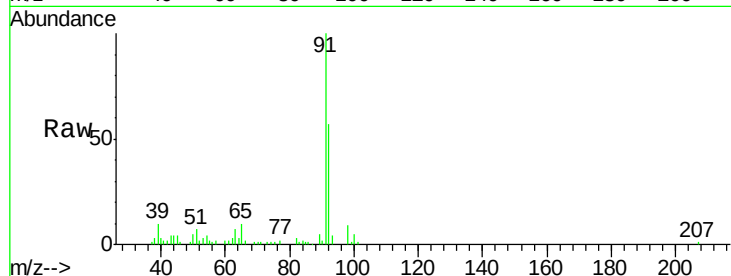
PB132537ZHE#01

Tot Ion: 92 Resp: 10497

Ion Ratio Lower Upper

92 100

91 172.5 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 53.260 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019060.D

Acq: 23 Oct 2020 04:41

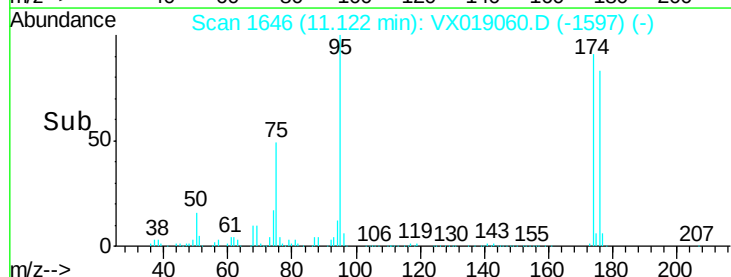
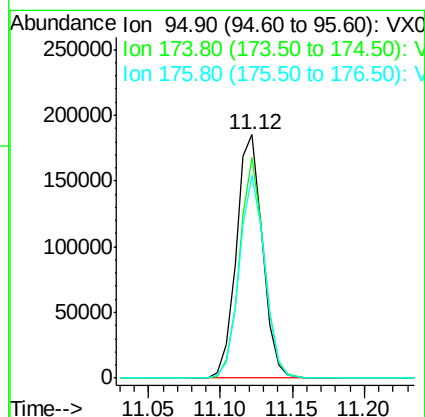
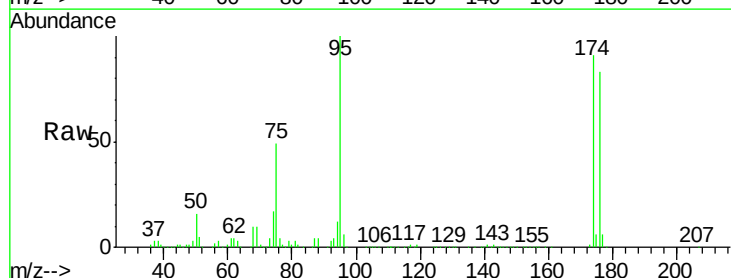
Tgt Ion: 95 Resp: 234866

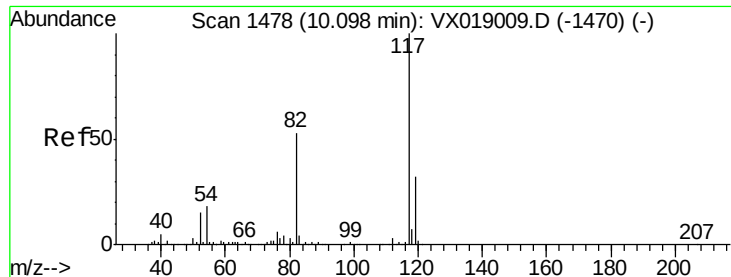
Ion Ratio Lower Upper

95 100

174 85.4 0.0 167.6

176 80.9 0.0 165.2

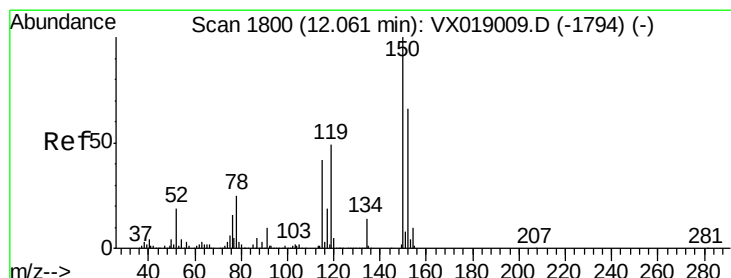
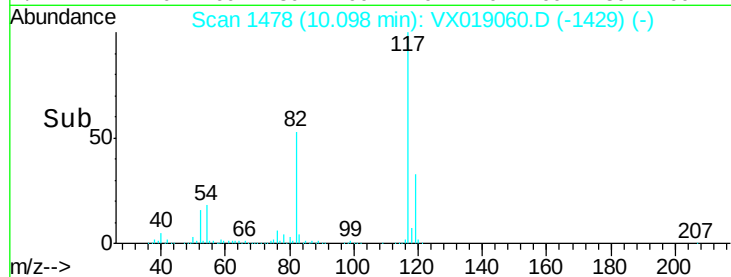
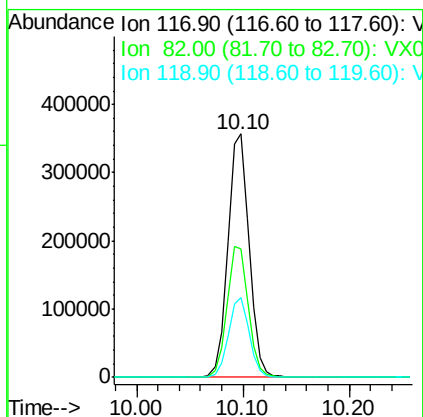
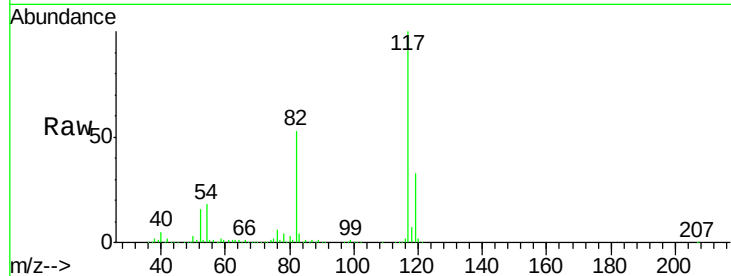




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019060.D
Acq: 23 Oct 2020 04:41

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#01

Tot Ion:117 Resp: 498524
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019060.D
Acq: 23 Oct 2020 04:41

Tgt Ion:152 Resp: 256836
Ion Ratio Lower Upper
152 100
115 57.5 40.8 122.5
150 160.4 0.0 345.6

