

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016856.D
 Acq On : 18 Jun 2020 22:46
 Operator : JC/SP
 Sample : PB129596ZHE#16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#16

Quant Time: Jun 19 03:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

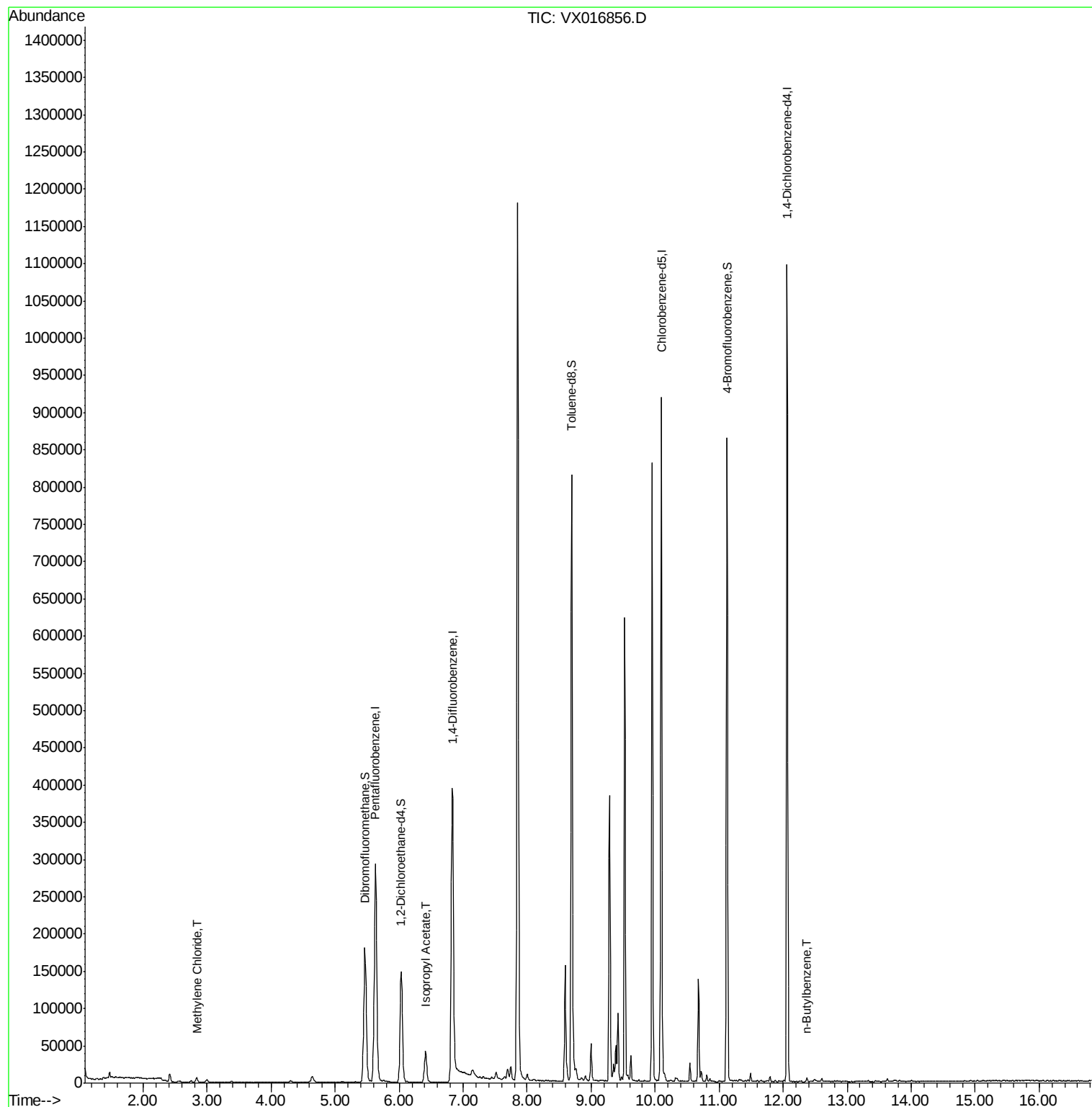
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	290375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	231421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	143251	41.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.04%	
35) Dibromofluoromethane	5.46	113	157087	58.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.04%	
50) Toluene-d8	8.70	98	500804	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	11.12	95	225799	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
Target Compounds						
20) Methylene Chloride	2.84	84	3355	1.104	ug/l	93
43) Isopropyl Acetate	6.42	43	56091	9.302	ug/l	99
89) n-Butylbenzene	12.37	91	1582	3.128	ug/l	97

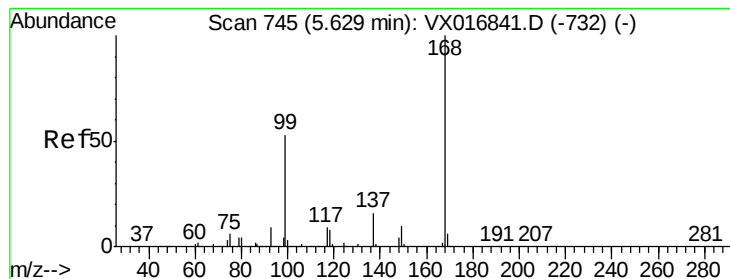
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\
Data File : VX016856.D
Acq On : 18 Jun 2020 22:46
Operator : JC/SP
Sample : PB129596ZHE#16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB129596ZHE#16

Quant Time: Jun 19 03:41:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 18 15:20:47 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: VX016856.D

Acq: 18 Jun 2020 22:46

Instrument :

MSVOA_X

ClientSampleId :

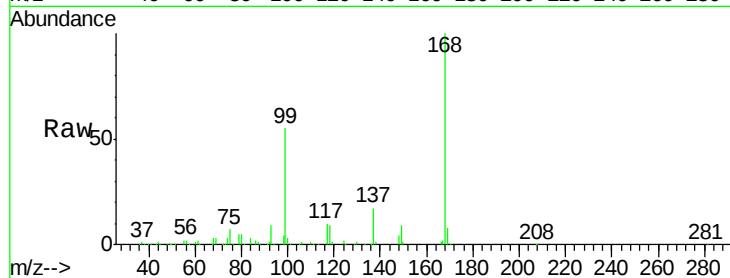
PB129596ZHE#16

Tot Ion:168 Resp: 290375

Ion Ratio Lower Upper

168 100

99 54.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

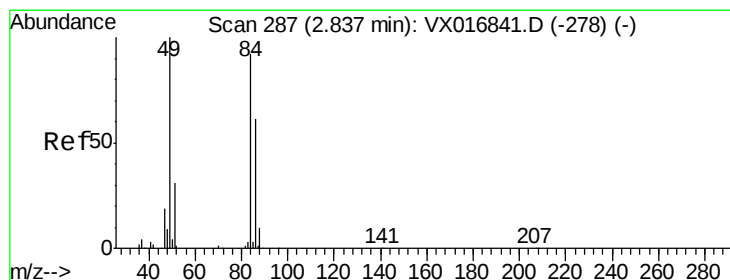
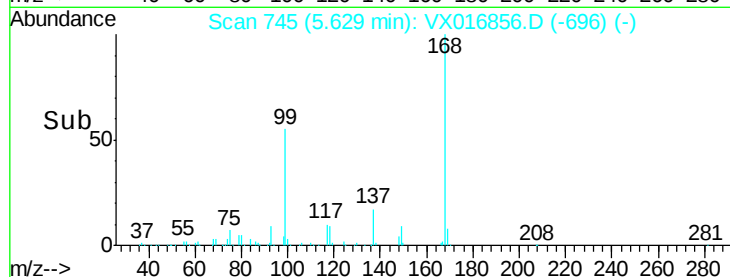
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#20

Methylene Chloride

Concen: 1.104 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

Tgt Ion: 84 Resp: 3355

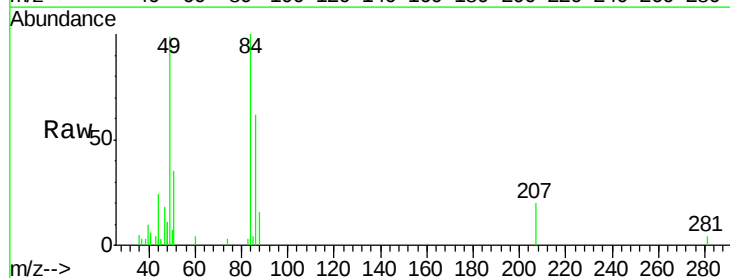
Ion Ratio Lower Upper

84 100

49 99.2 86.6 129.8

51 34.6 27.1 40.7

86 61.7 53.1 79.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2500

2000

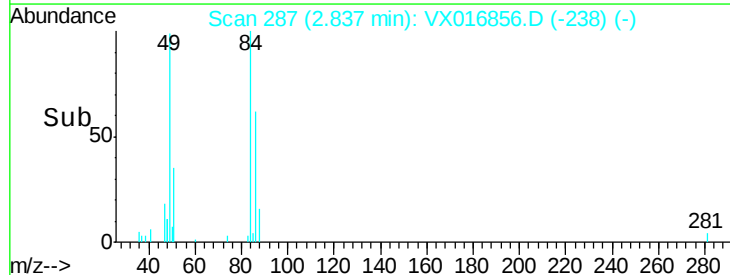
1500

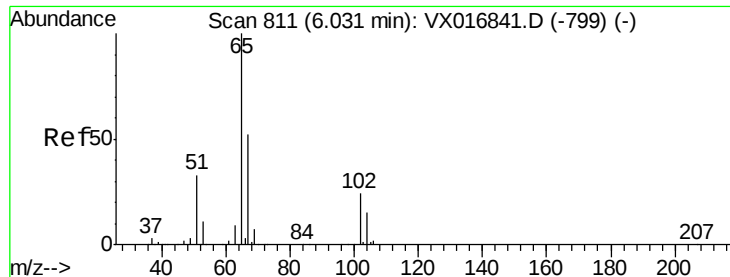
1000

500

0

Time--> 2.75 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 41.019 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

Instrument :

MSVOA_X

ClientSampleId :

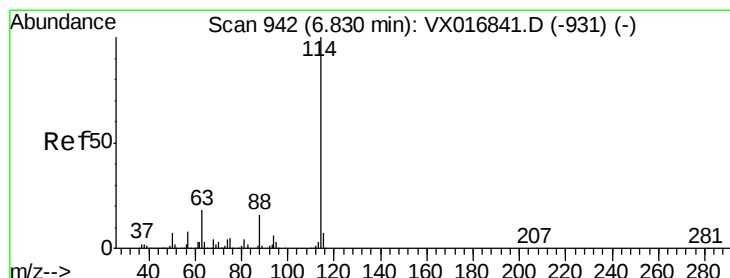
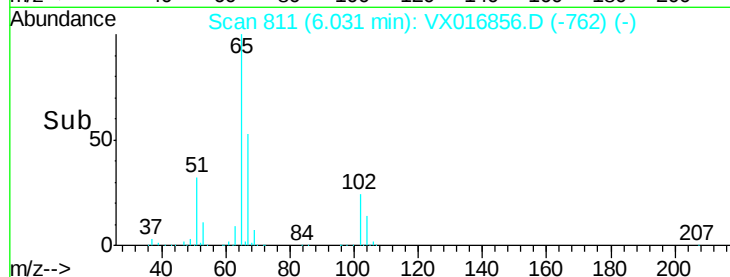
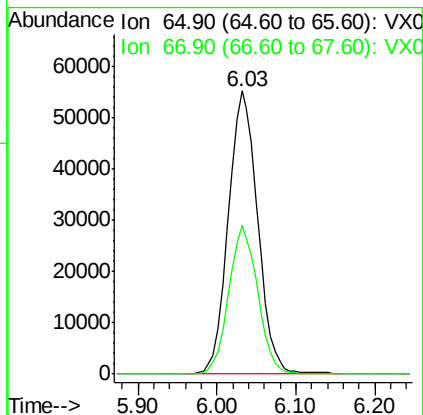
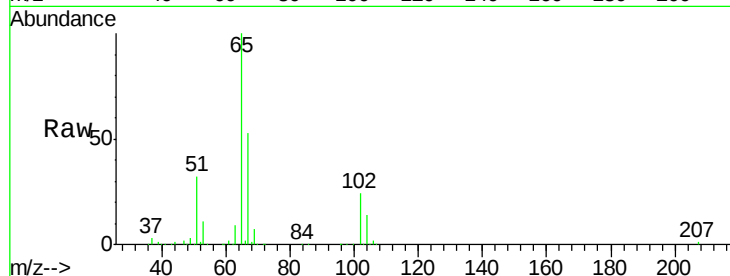
PB129596ZHE#16

Tot Ion: 65 Resp: 143251

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

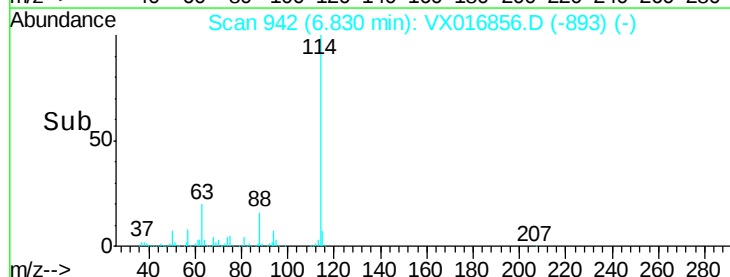
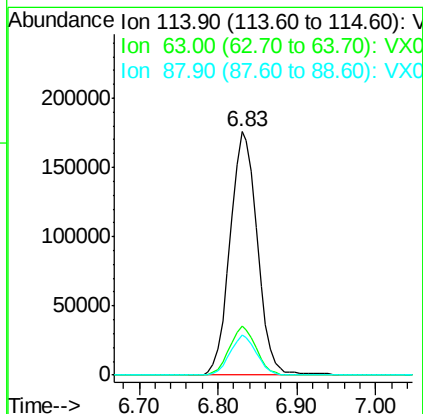
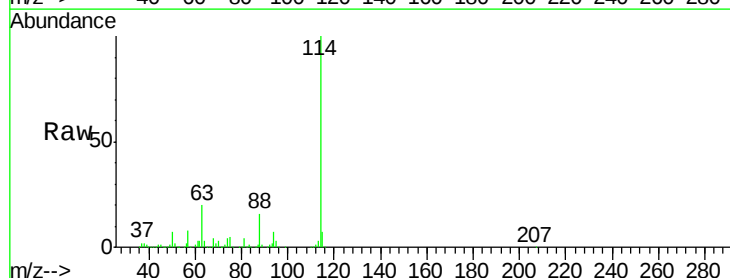
Tgt Ion: 114 Resp: 423253

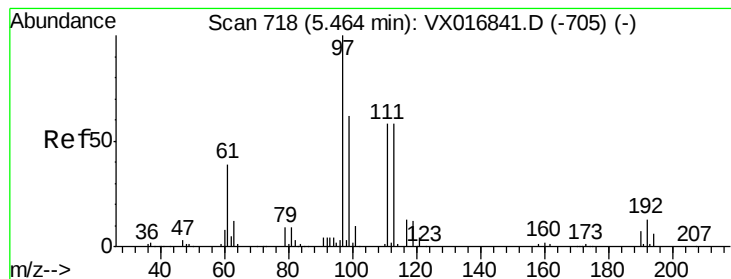
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.0

88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 58.018 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#16

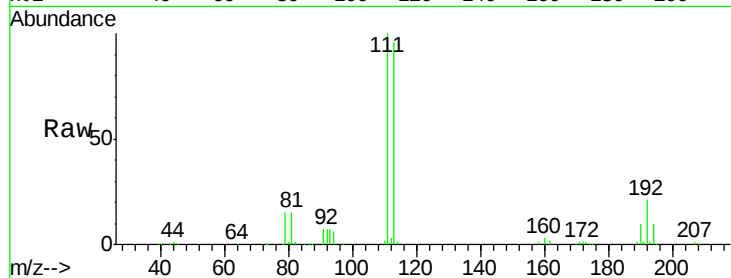
Tot Ion:113 Resp: 157087

Ion Ratio Lower Upper

113 100

111 101.7 81.0 121.4

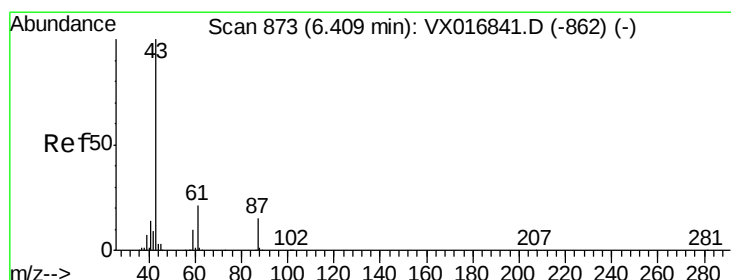
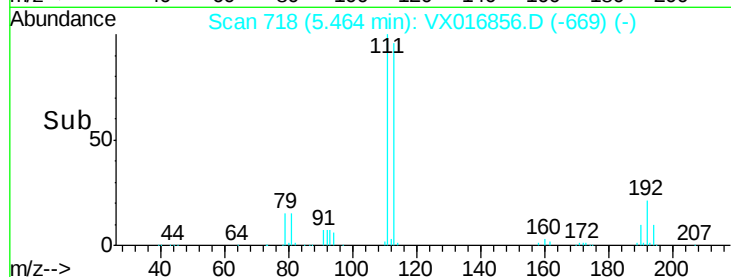
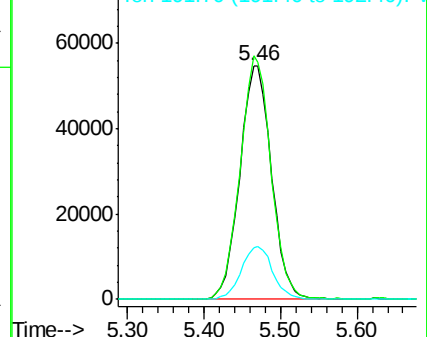
192 22.5 18.5 27.7



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: 9.302 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

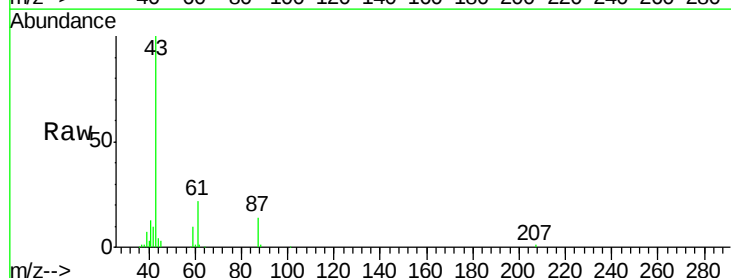
Tgt Ion: 43 Resp: 56091

Ion Ratio Lower Upper

43 100

61 22.1 17.9 26.9

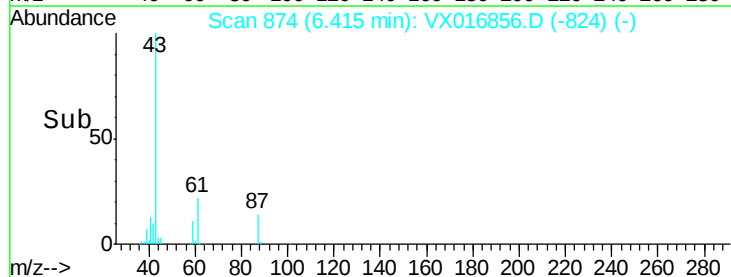
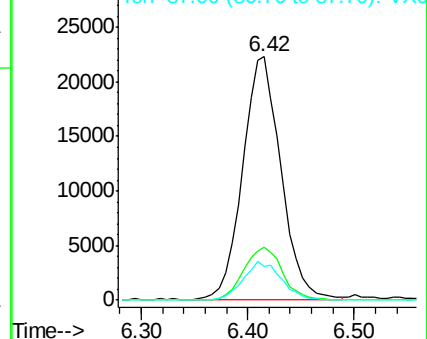
87 15.9 12.4 18.6

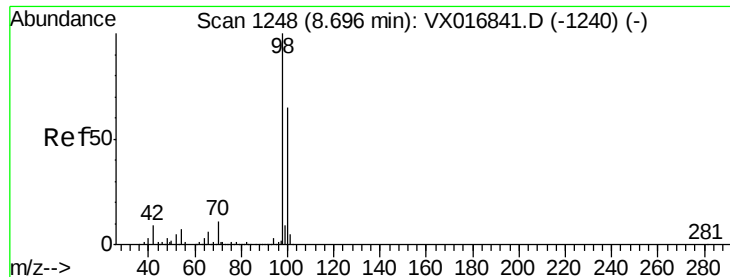


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 46.231 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

Instrument :

MSVOA_X

ClientSampleId :

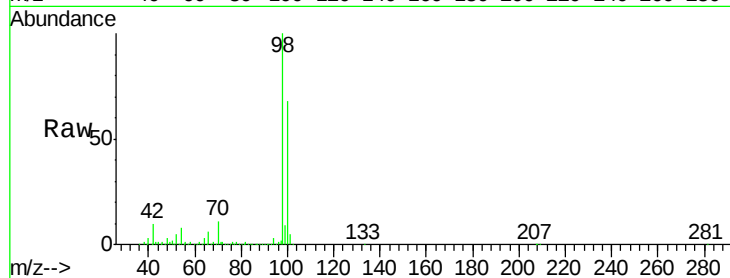
PB129596ZHE#16

Tot Ion: 98 Resp: 500804

Ion Ratio Lower Upper

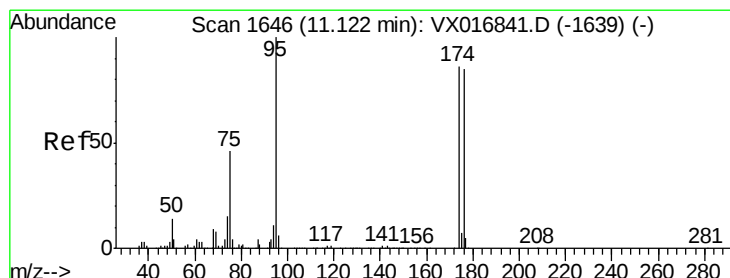
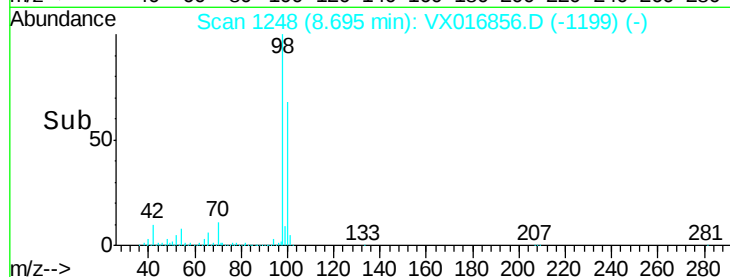
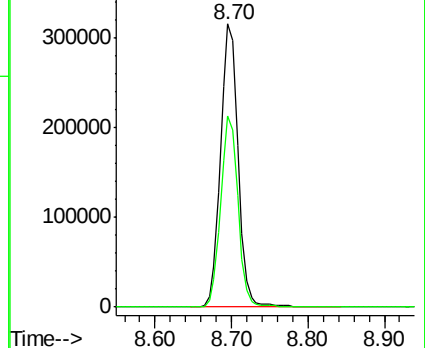
98 100

100 67.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.404 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

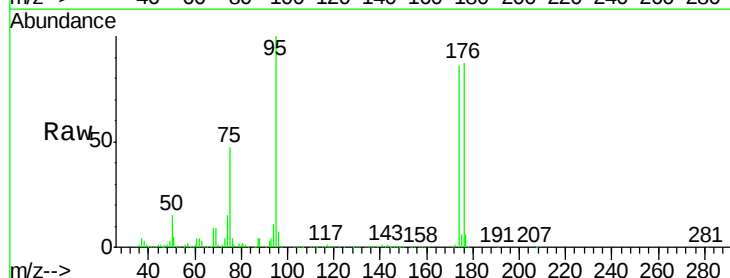
Tgt Ion: 95 Resp: 225799

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.2

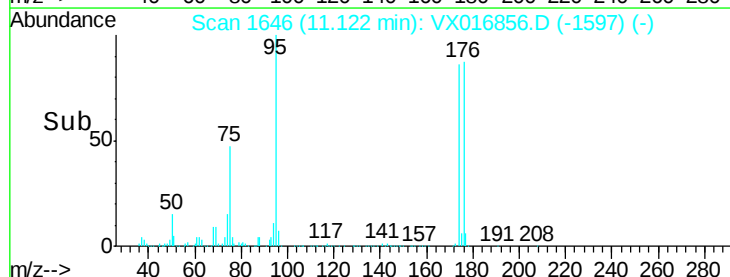
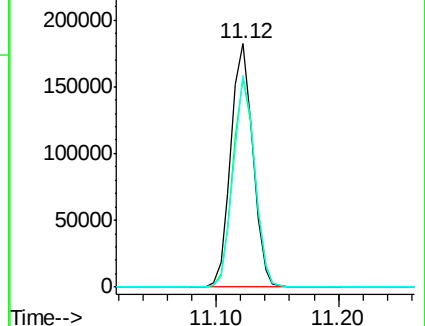
176 84.2 0.0 170.0

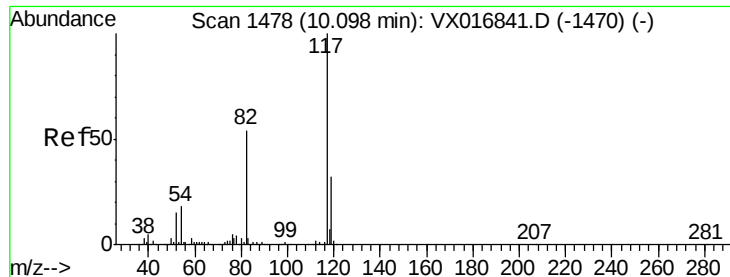


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

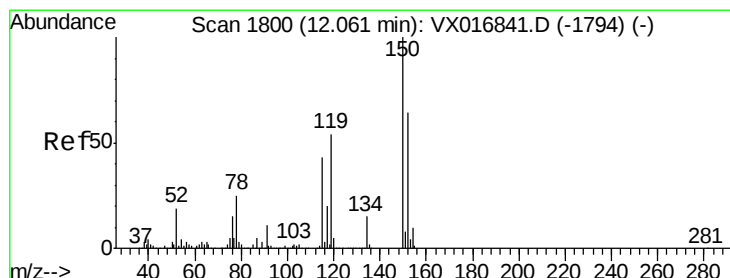
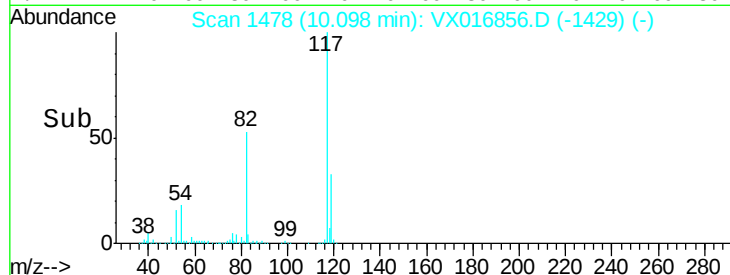
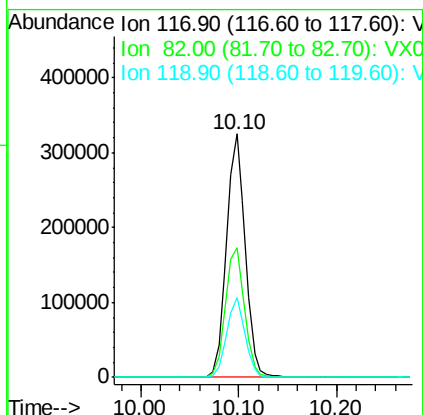
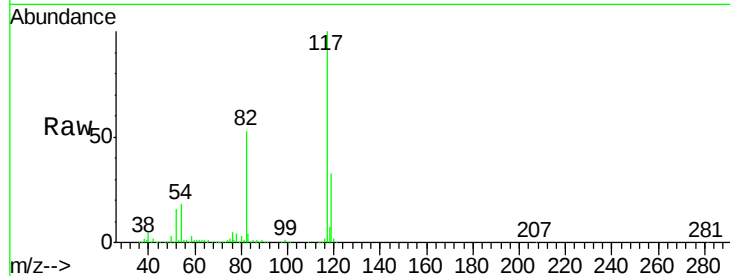




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016856.D
Acq: 18 Jun 2020 22:46

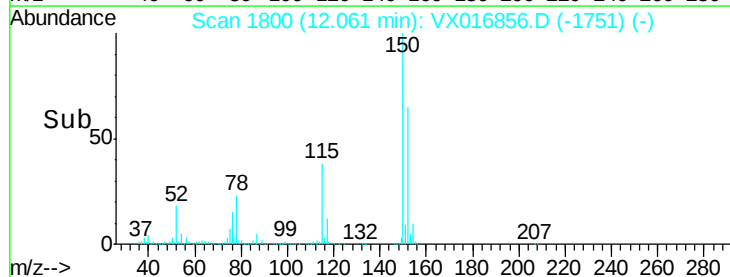
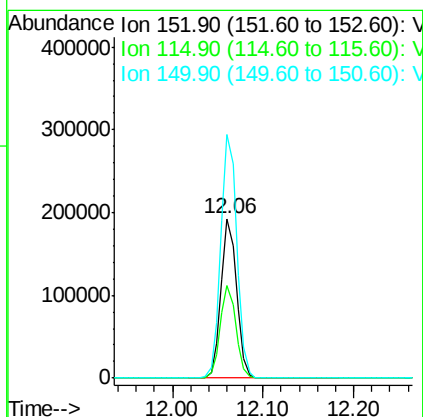
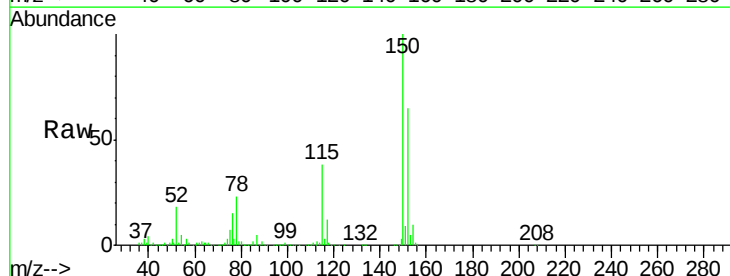
Instrument :
MSVOA_X
ClientSampleId :
PB129596ZHE#16

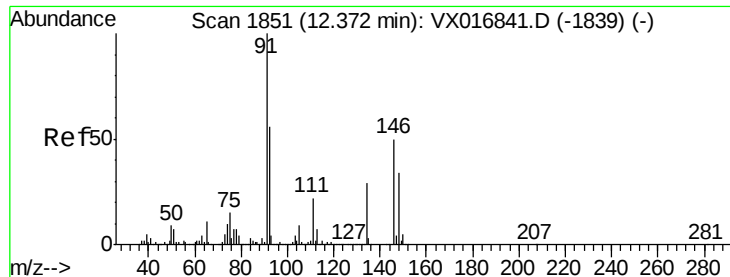
Tot Ion:117 Resp: 431389
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016856.D
Acq: 18 Jun 2020 22:46

Tgt Ion:152 Resp: 231421
Ion Ratio Lower Upper
152 100
115 58.6 40.9 122.8
150 157.4 0.0 344.2





#89

n-Butylbenzene

Concen: 3.128 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016856.D

Acq: 18 Jun 2020 22:46

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#16

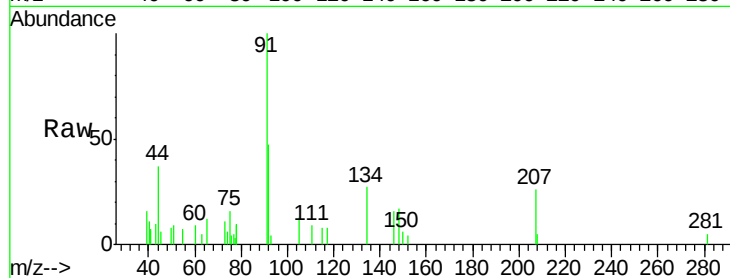
Tot Ion: 91 Resp: 1582

Ion Ratio Lower Upper

91 100

92 56.3 27.4 82.2

134 29.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

