

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016853.D
 Acq On : 18 Jun 2020 21:38
 Operator : JC/SP
 Sample : PB129596ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#13

Quant Time: Jun 19 03:33:19 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

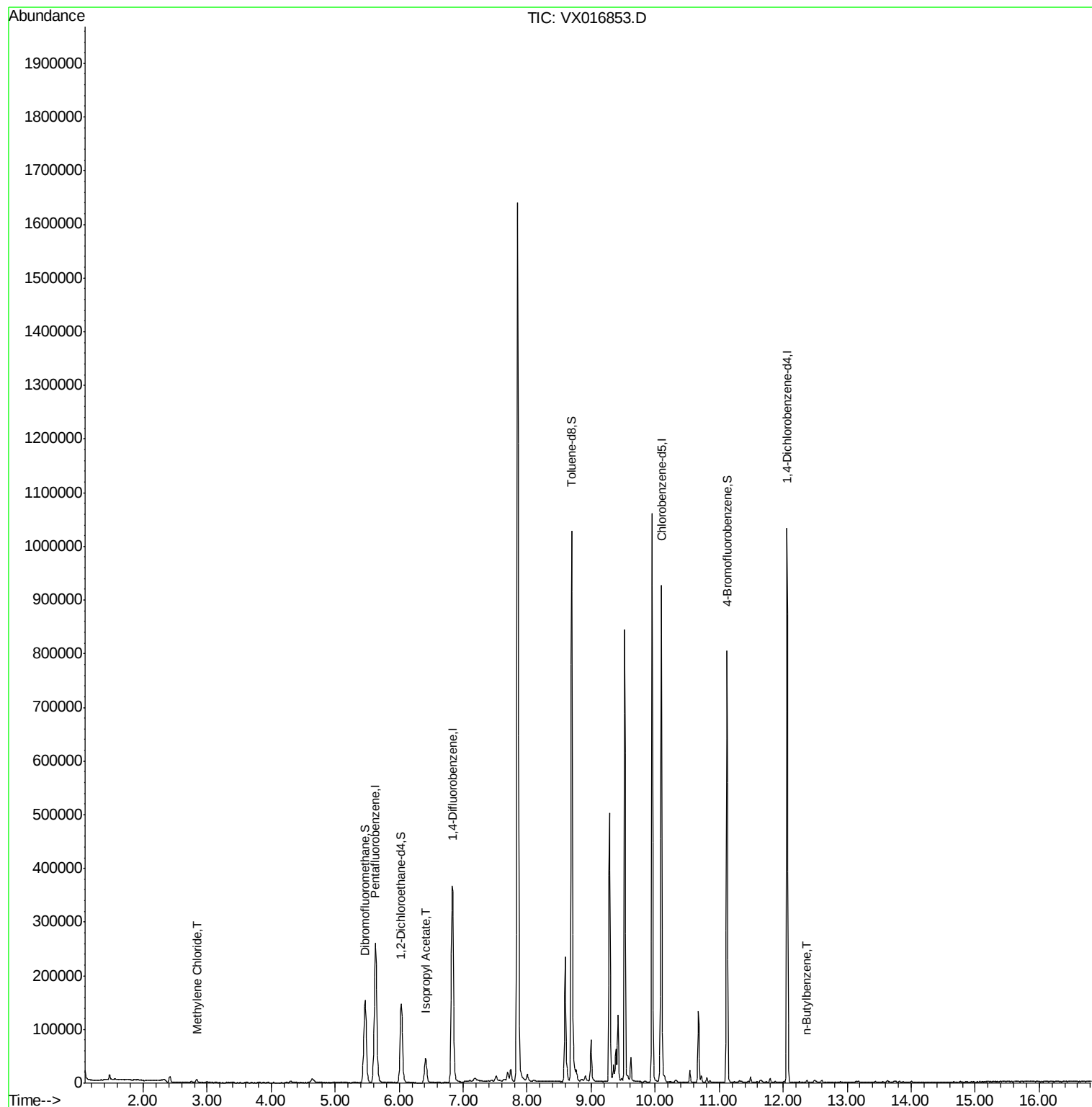
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	261024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	397853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	436104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	141890	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
35) Dibromofluoromethane	5.47	113	136211	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
50) Toluene-d8	8.70	98	608419	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
62) 4-Bromofluorobenzene	11.12	95	205879	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
Target Compounds						
20) Methylene Chloride	2.84	84	3000	1.098	ug/l #	84
43) Isopropyl Acetate	6.42	43	63566	11.215	ug/l	100
89) n-Butylbenzene	12.37	91	1320	3.117	ug/l	86

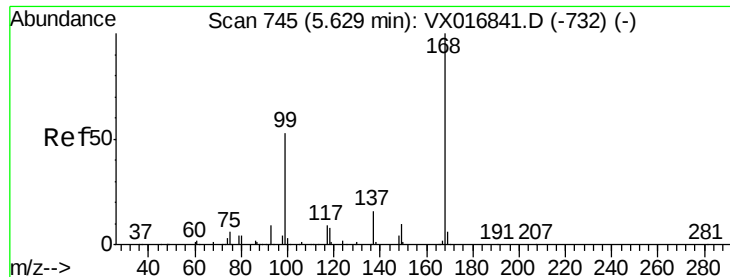
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX016853.D

Acq: 18 Jun 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

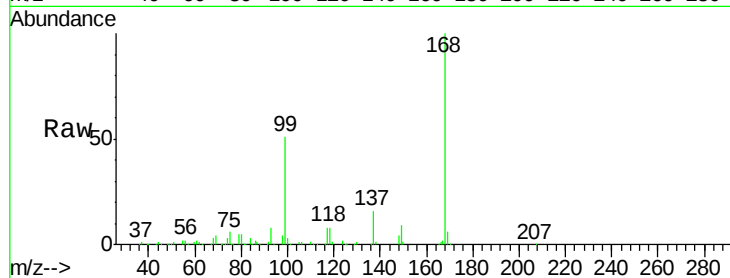
PB129596ZHE#13

Tot Ion:168 Resp: 261024

Ion Ratio Lower Upper

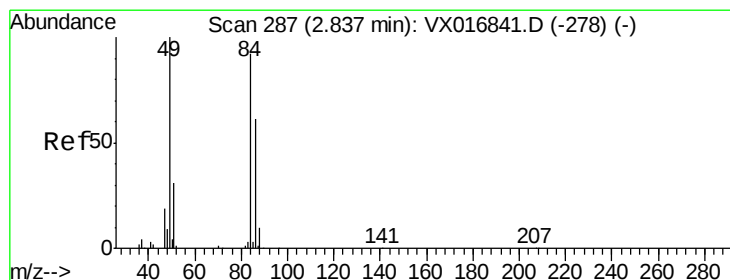
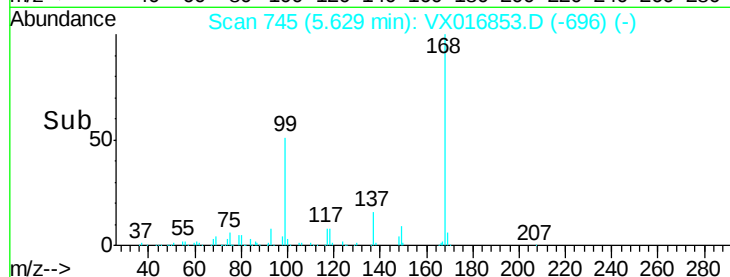
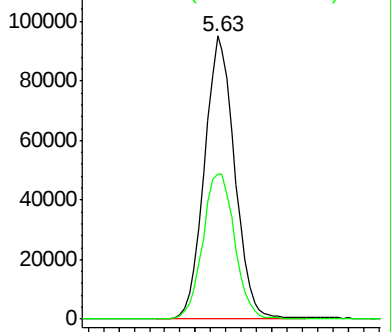
168 100

99 51.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 1.098 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016853.D

Acq: 18 Jun 2020 21:38

Tgt Ion: 84 Resp: 3000

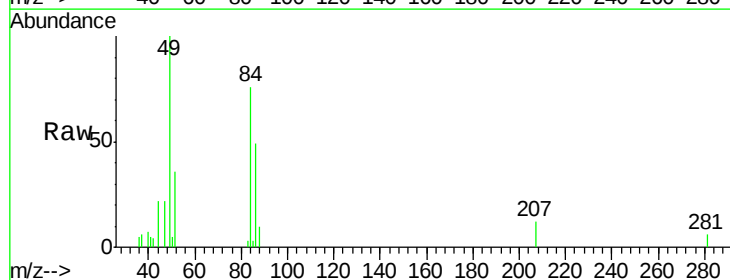
Ion Ratio Lower Upper

84 100

49 130.9 86.6 129.8#

51 47.7 27.1 40.7#

86 64.2 53.1 79.7

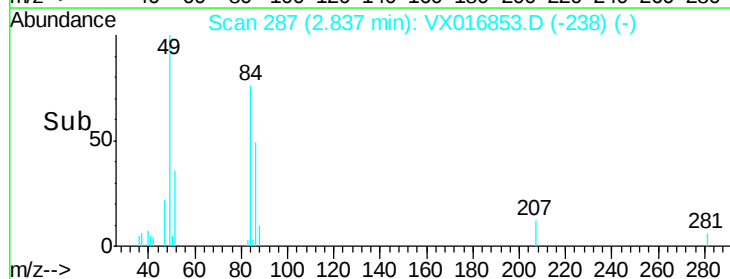
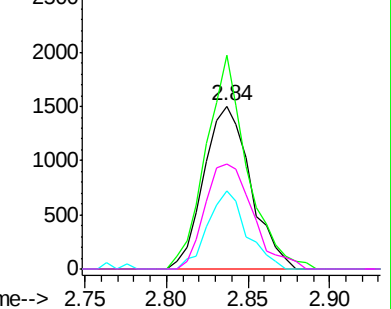


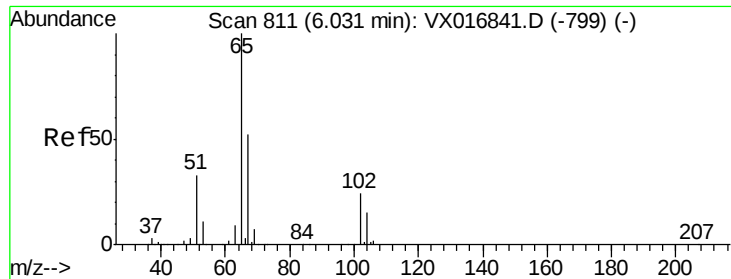
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#33

1,2-Dichloroethane-d4

Concen: 45.198 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016853.D

Acq: 18 Jun 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

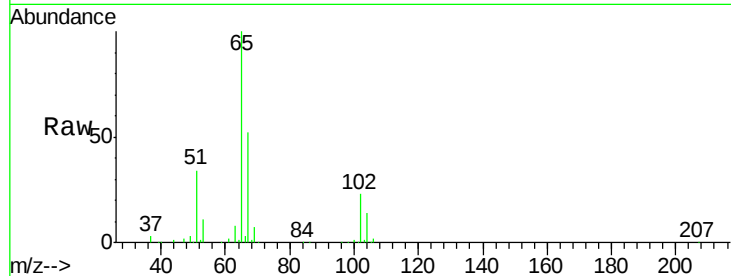
PB129596ZHE#13

Tot Ion: 65 Resp: 141890

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

60000

50000

40000

30000

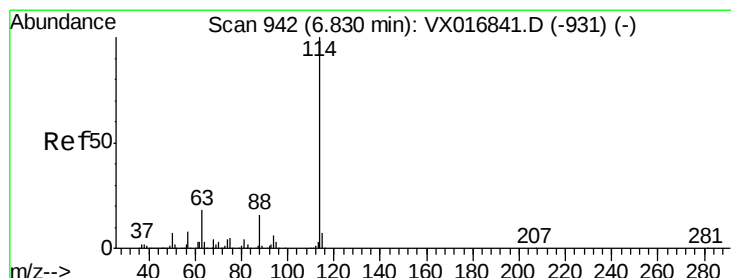
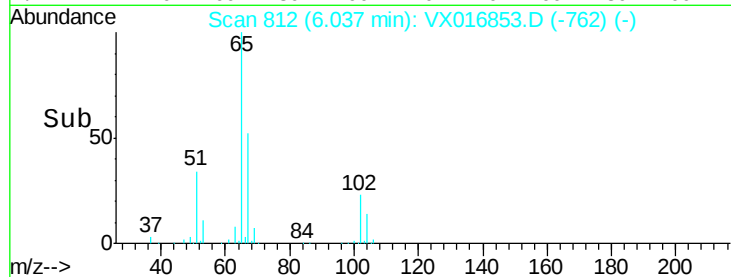
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016853.D

Acq: 18 Jun 2020 21:38

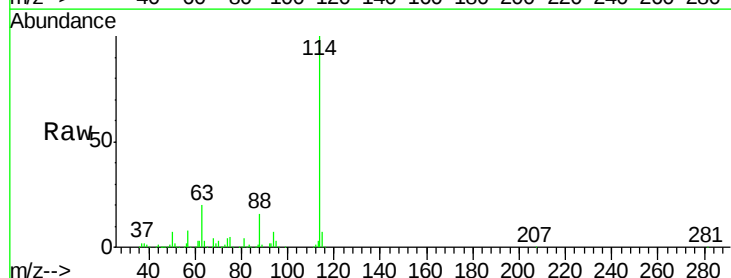
Tgt Ion: 114 Resp: 397853

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

88 16.5 0.0 32.0



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

6.83

200000

150000

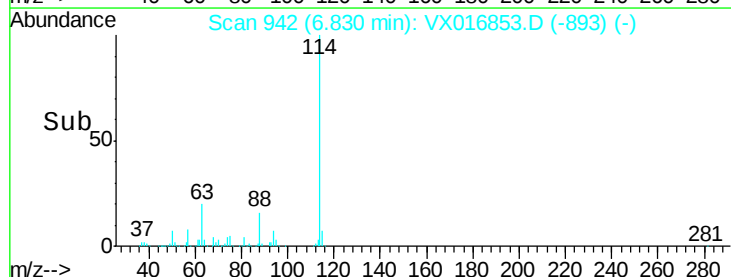
100000

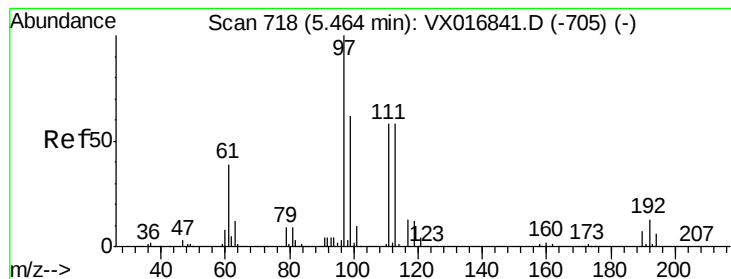
50000

0

Time-->

6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 53.520 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016853.D

Acq: 18 Jun 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#13

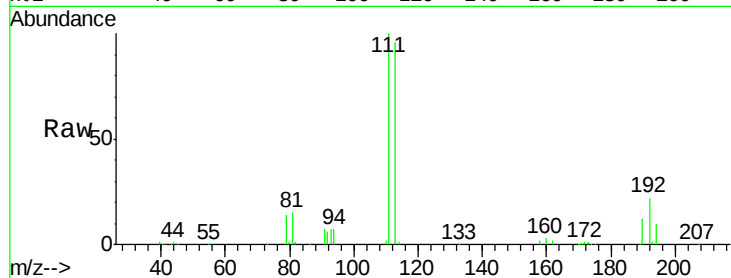
Tot Ion:113 Resp: 136211

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

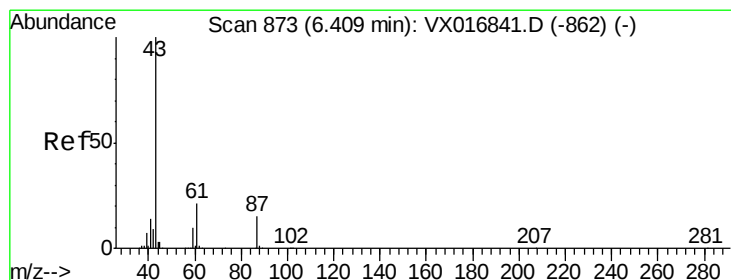
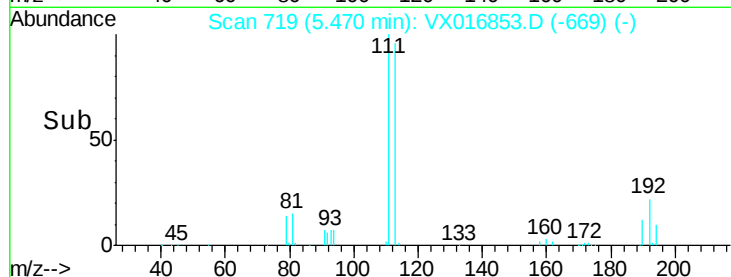
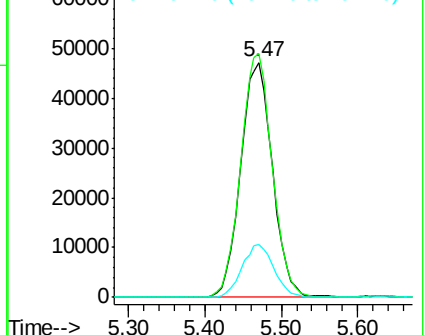
192 22.6 18.5 27.7



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: 11.215 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX016853.D

Acq: 18 Jun 2020 21:38

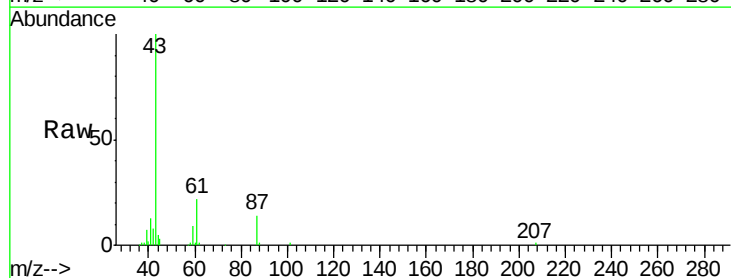
Tgt Ion: 43 Resp: 63566

Ion Ratio Lower Upper

43 100

61 22.4 17.9 26.9

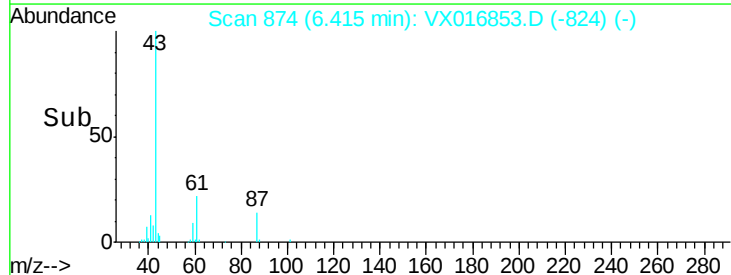
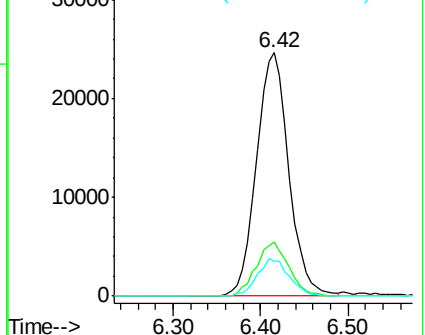
87 15.2 12.4 18.6

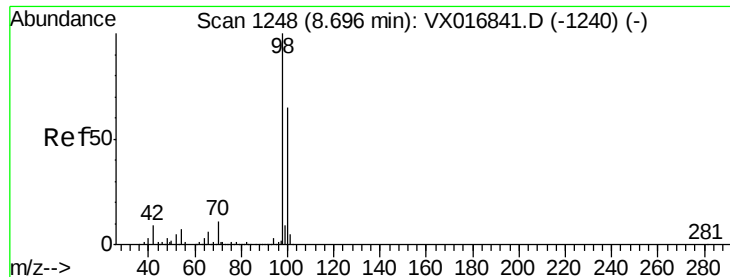


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

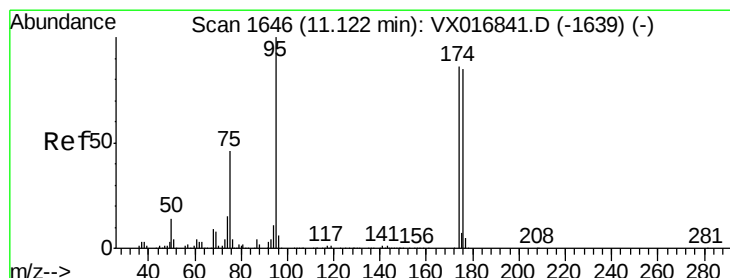
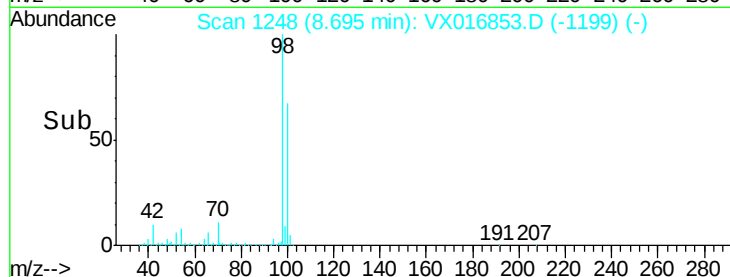
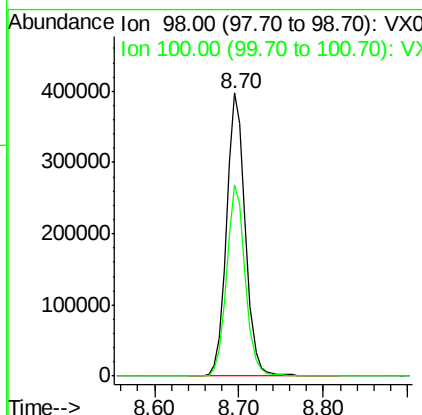
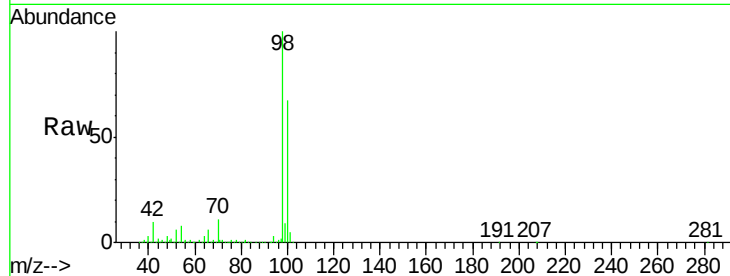




#50
Toluene-d8
Concen: 59.752 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016853.D
Acq: 18 Jun 2020 21:38

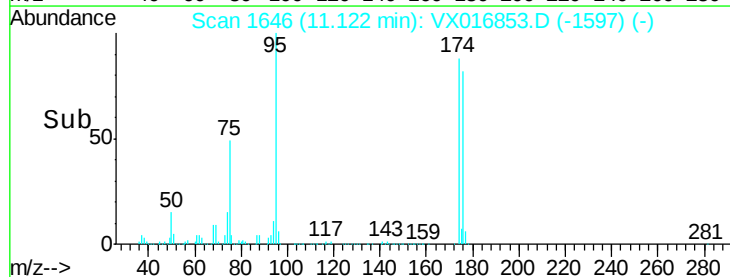
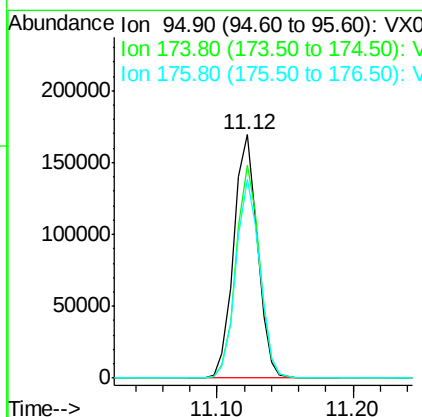
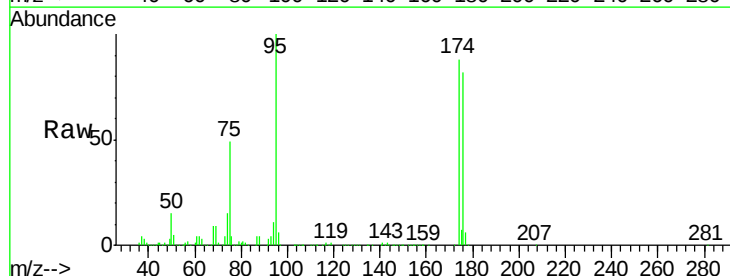
Instrument :
MSVOA_X
ClientSampleId :
PB129596ZHE#13

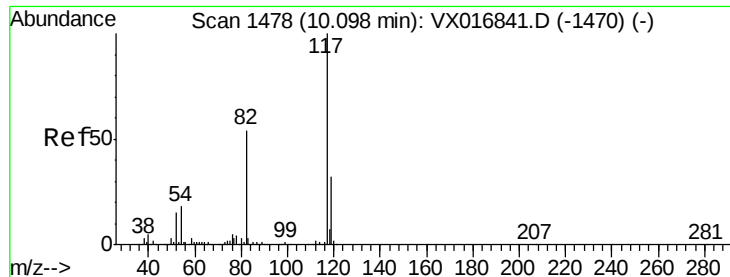
Tot Ion: 98 Resp: 608419
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 52.772 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016853.D
Acq: 18 Jun 2020 21:38

Tgt Ion: 95 Resp: 205879
Ion Ratio Lower Upper
95 100
174 86.6 0.0 174.2
176 82.2 0.0 170.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016853.D

Acq: 18 Jun 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#13

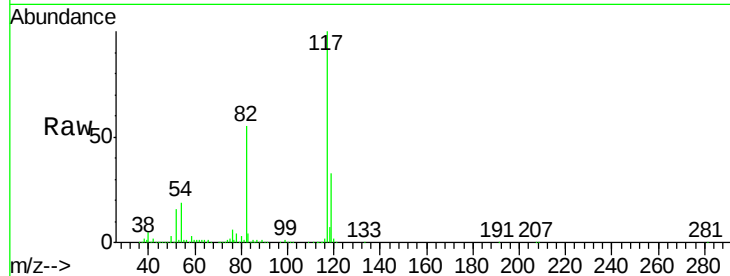
Tot Ion:117 Resp: 436104

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

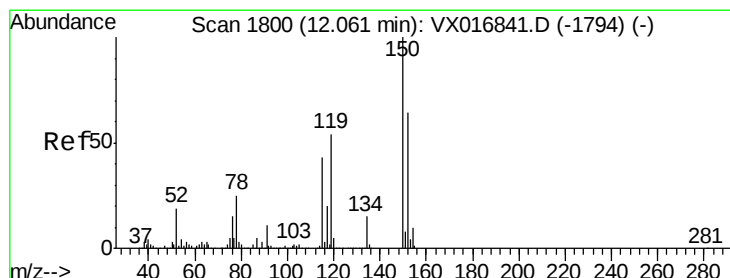
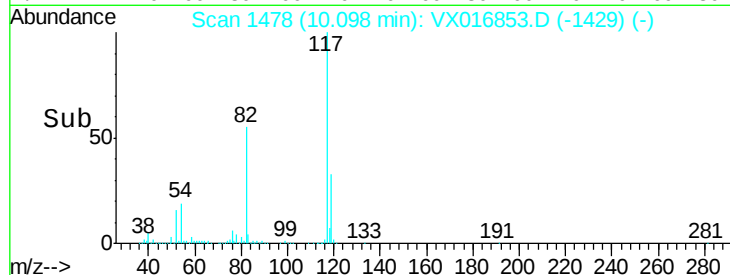
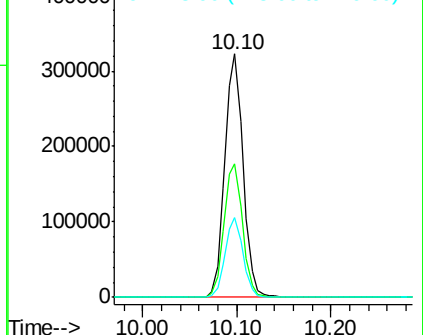
119 32.9 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX016853.D

Acq: 18 Jun 2020 21:38

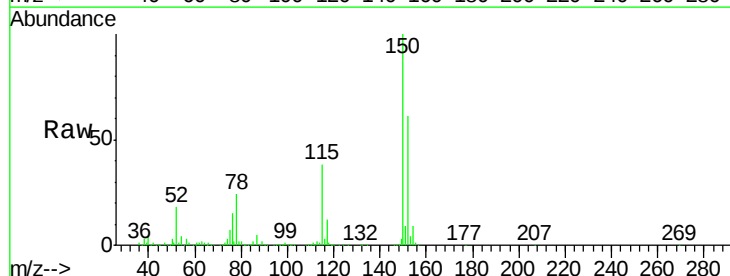
Tgt Ion:152 Resp: 215410

Ion Ratio Lower Upper

152 100

115 58.3 40.9 122.8

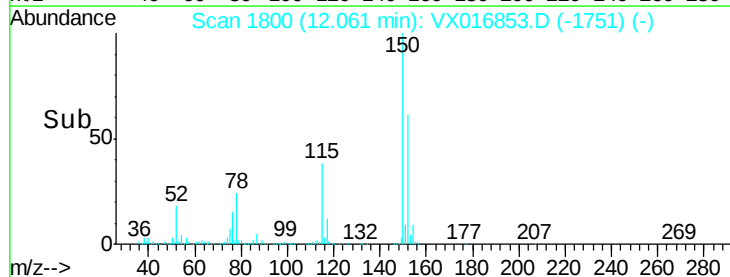
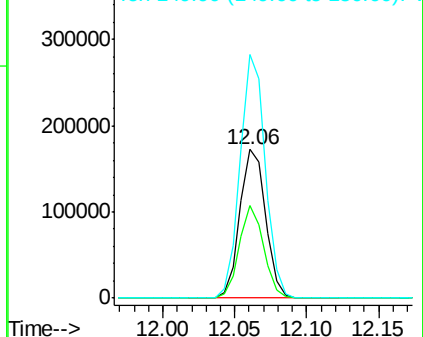
150 159.2 0.0 344.2

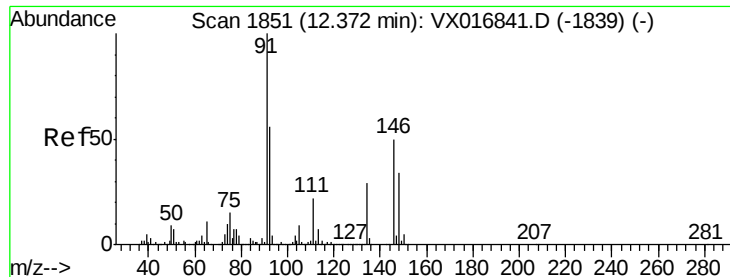


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#89

n-Butylbenzene

Concen: 3.117 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016853.D

Acq: 18 Jun 2020 21:38

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#13

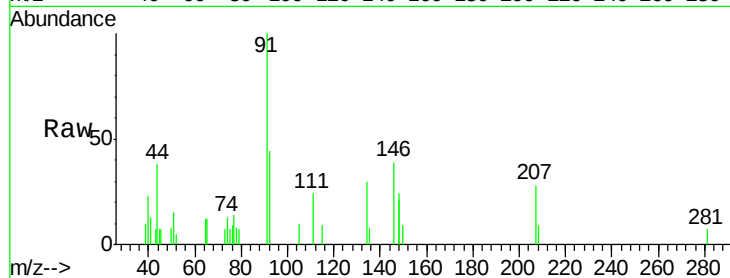
Tot Ion: 91 Resp: 1320

Ion Ratio Lower Upper

91 100

92 43.0 27.4 82.2

134 23.4 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

