

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016857.D
 Acq On : 18 Jun 2020 23:09
 Operator : JC/SP
 Sample : PB129596ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#17

Quant Time: Jun 19 03:43:30 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

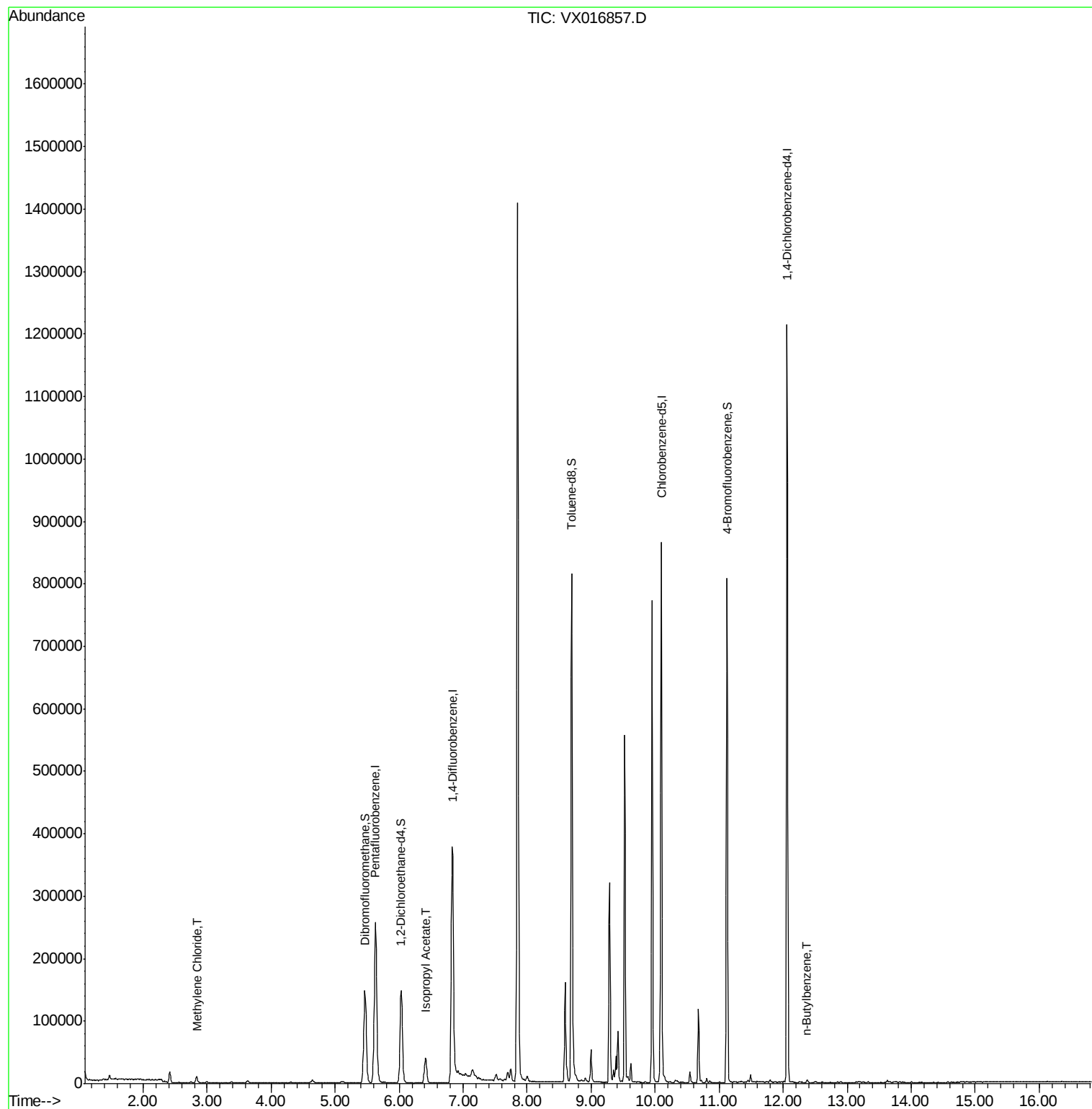
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	256912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	143681	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	5.47	113	132077	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
50) Toluene-d8	8.70	98	496034	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.12	95	205428	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
Target Compounds						
20) Methylene Chloride	2.84	84	5539	2.059	ug/l	91
43) Isopropyl Acetate	6.41	43	57945	10.126	ug/l	99
89) n-Butylbenzene	12.37	91	1400	3.108	ug/l	94

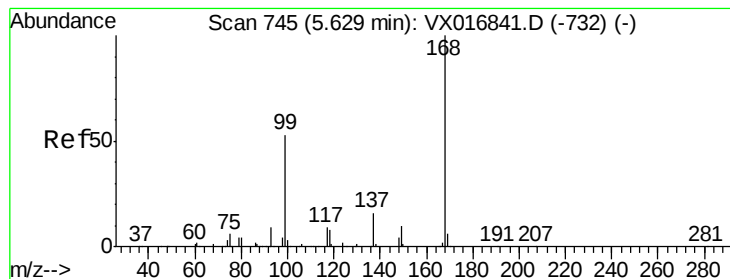
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016857.D

Acq: 18 Jun 2020 23:09

Instrument :

MSVOA_X

ClientSampleId :

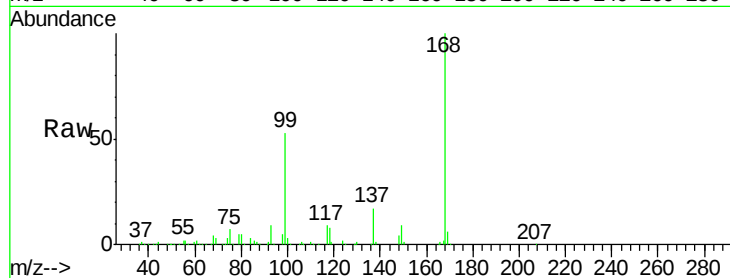
PB129596ZHE#17

Tot Ion:168 Resp: 256912

Ion Ratio Lower Upper

168 100

99 52.6 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

100000

80000

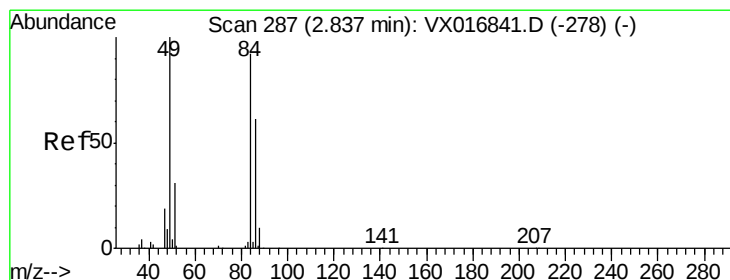
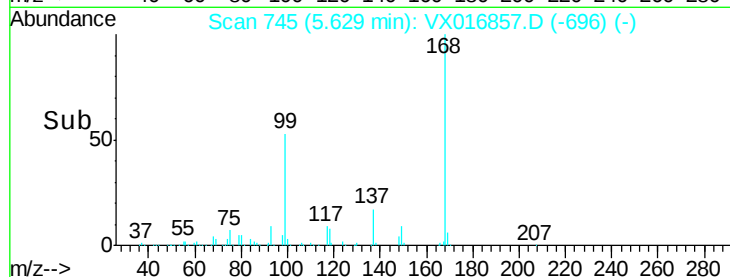
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.059 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX016857.D

Acq: 18 Jun 2020 23:09

Tgt Ion: 84 Resp: 5539

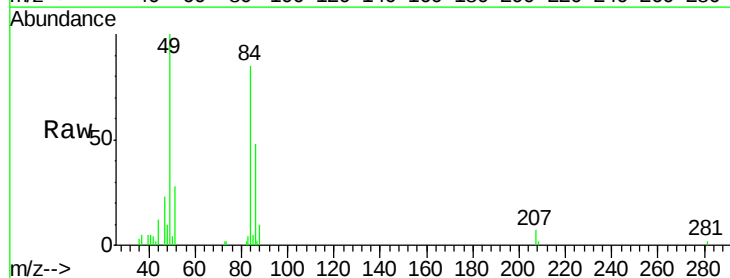
Ion Ratio Lower Upper

84 100

49 117.7 86.6 129.8

51 32.8 27.1 40.7

86 56.9 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

5000

4000

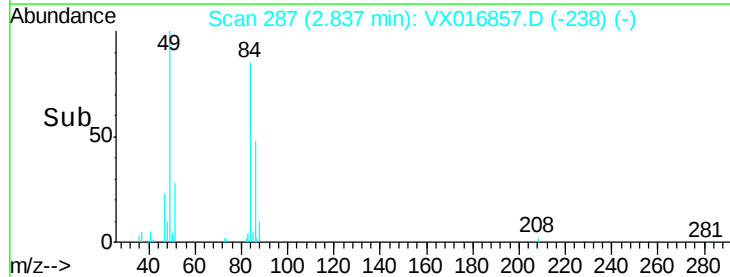
3000

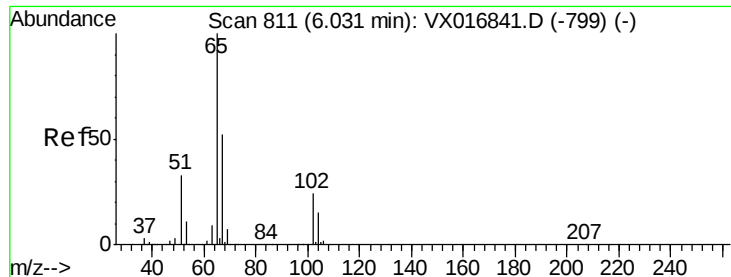
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.501 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016857.D

Acq: 18 Jun 2020 23:09

Instrument :

MSVOA_X

ClientSampleId :

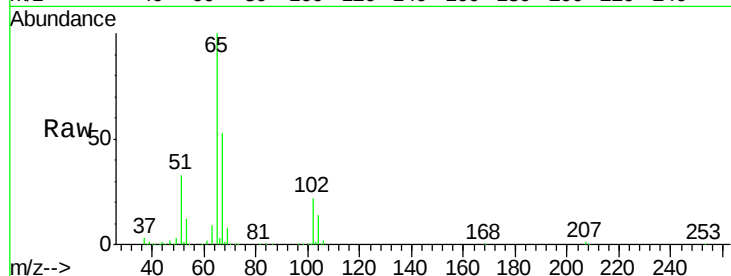
PB129596ZHE#17

Tot Ion: 65 Resp: 143681

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

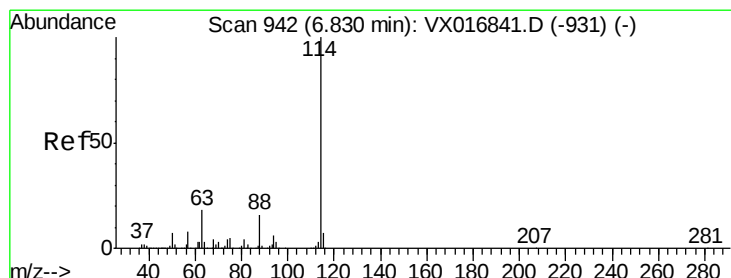
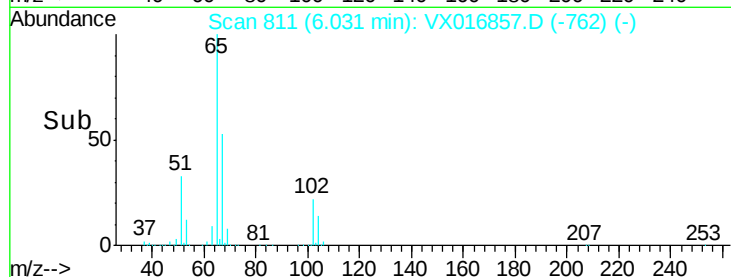
30000

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: VX016857.D

Acq: 18 Jun 2020 23:09

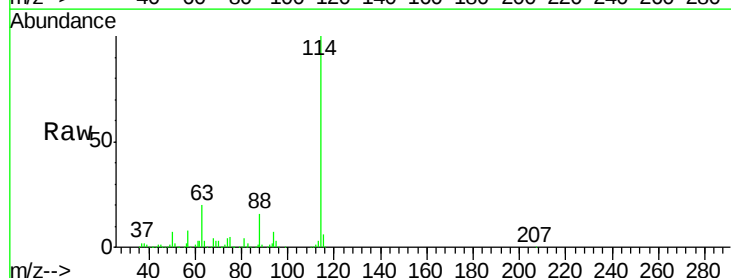
Tgt Ion: 114 Resp: 401666

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.0

88 15.9 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

200000

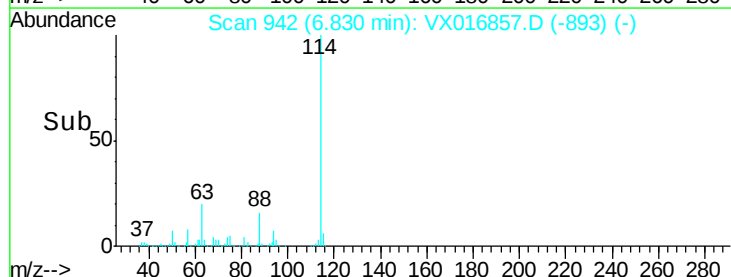
150000

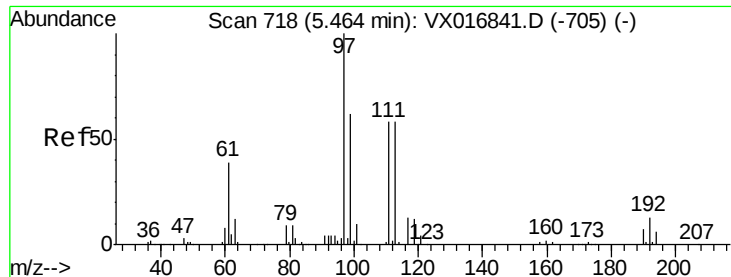
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

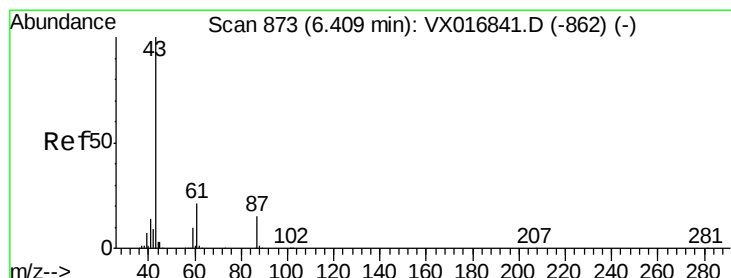
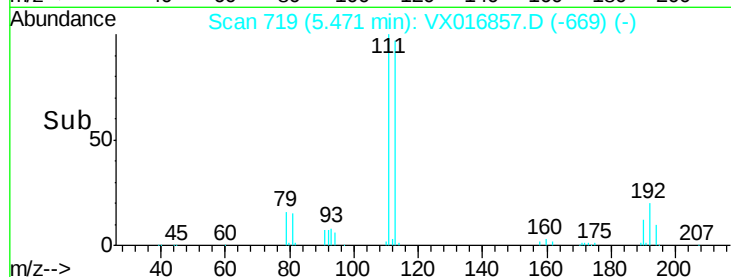
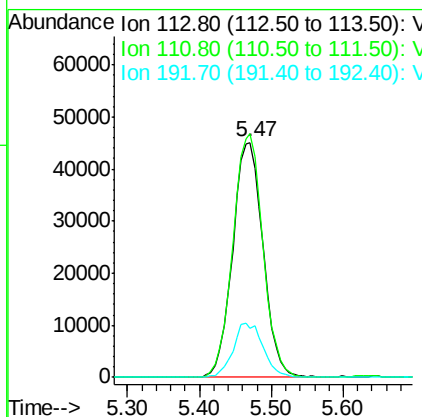
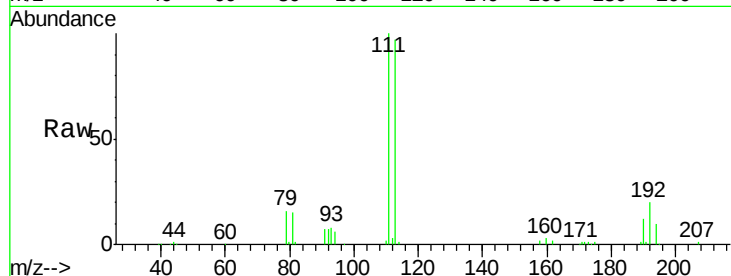




#35
 Dibromofluoromethane
 Concen: 51.403 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016857.D
 Acq: 18 Jun 2020 23:09

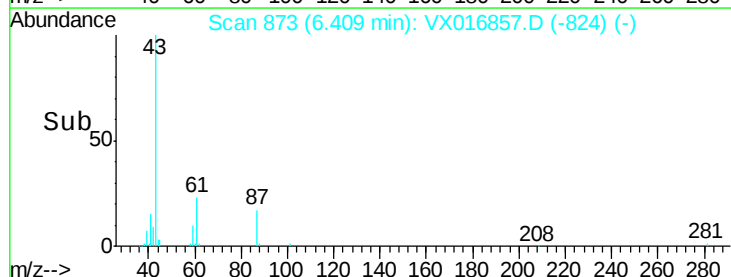
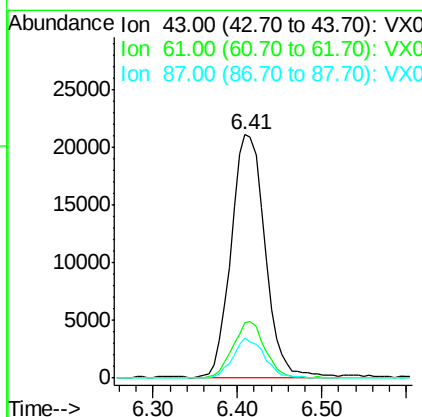
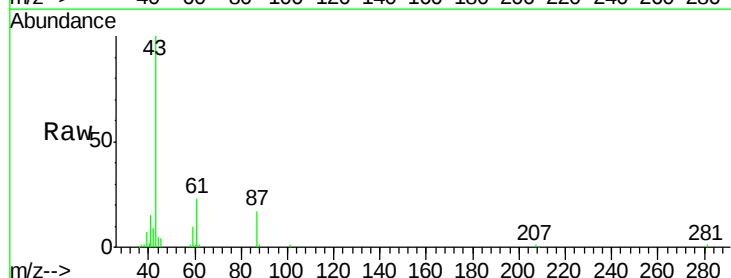
Instrument :
 MSVOA_X
 ClientSampleId :
 PB129596ZHE#17

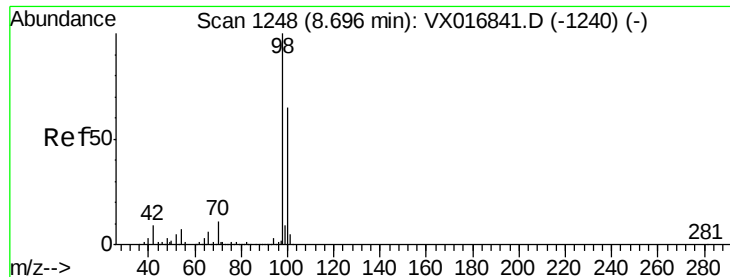
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.4
192	22.9	18.5	27.7



#43
 Isopropyl Acetate
 Concen: 10.126 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX016857.D
 Acq: 18 Jun 2020 23:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.6	17.9	26.9
87	15.2	12.4	18.6





#50

Toluene-d8

Concen: 48.252 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016857.D

Acq: 18 Jun 2020 23:09

Instrument :

MSVOA_X

ClientSampleId :

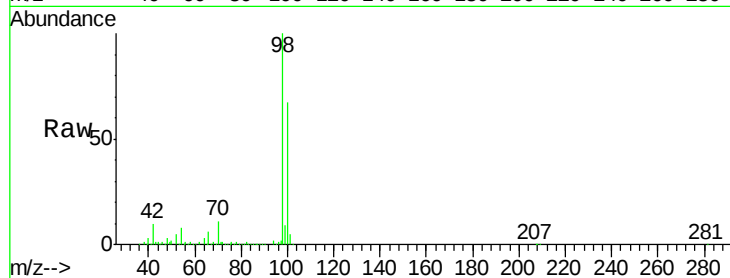
PB129596ZHE#17

Tot Ion: 98 Resp: 496034

Ion Ratio Lower Upper

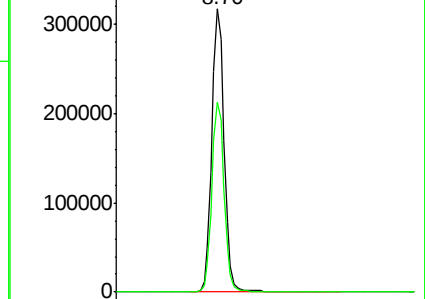
98 100

100 67.0 54.0 81.0

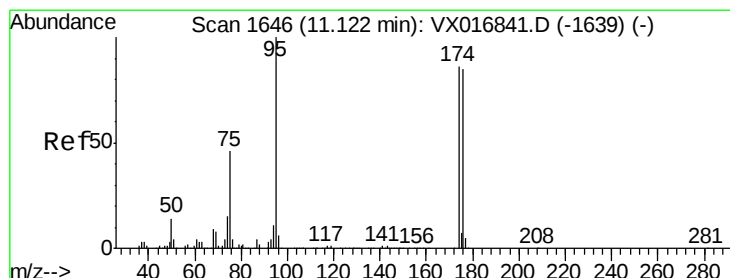
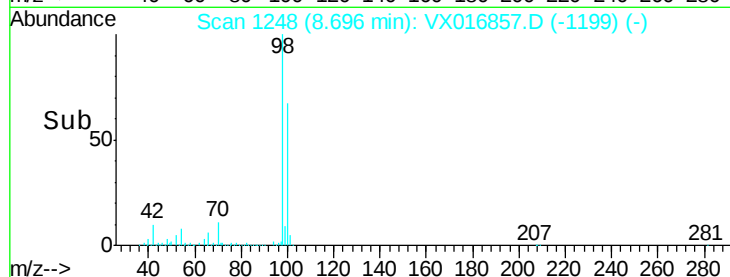


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 52.156 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016857.D

Acq: 18 Jun 2020 23:09

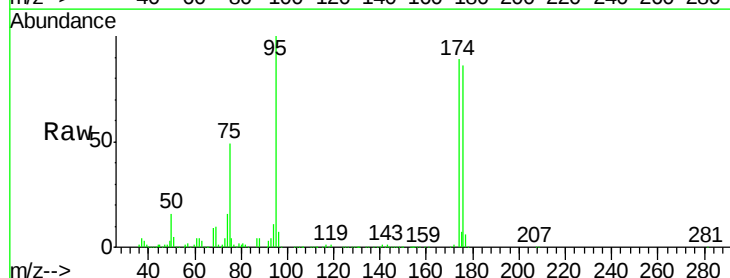
Tgt Ion: 95 Resp: 205428

Ion Ratio Lower Upper

95 100

174 86.4 0.0 174.2

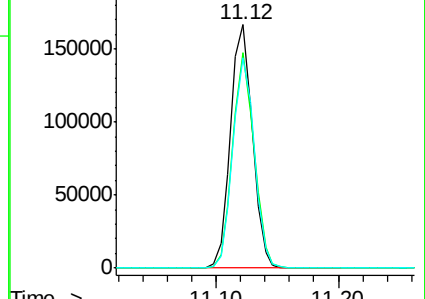
176 84.8 0.0 170.0



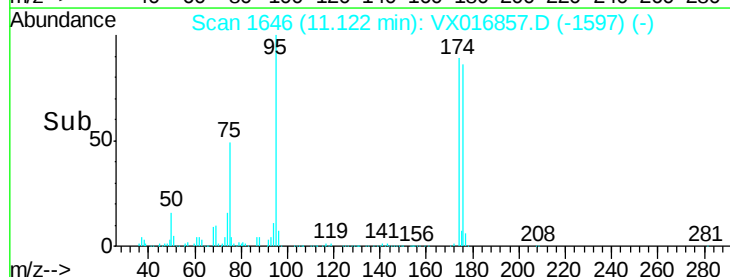
Abundance Ion 94.90 (94.60 to 95.60): VX0

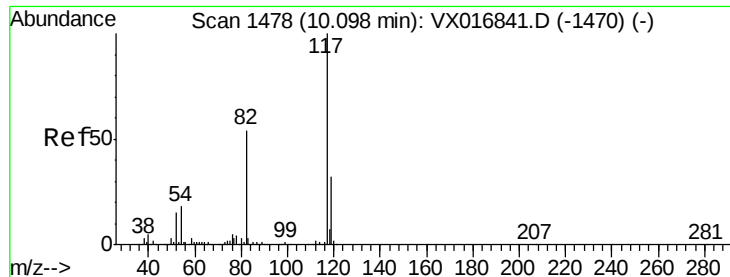
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

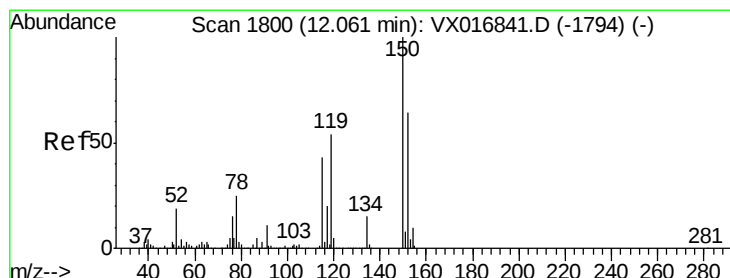
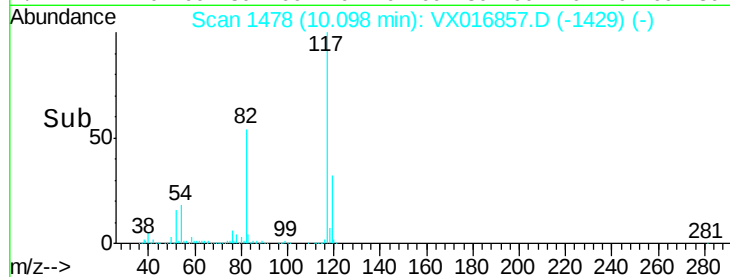
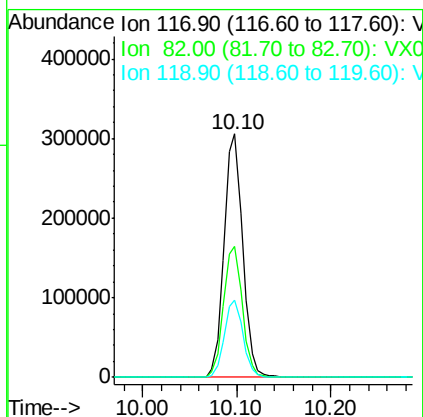
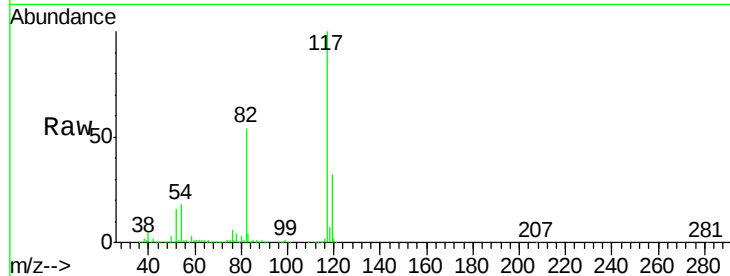




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016857.D
Acq: 18 Jun 2020 23:09

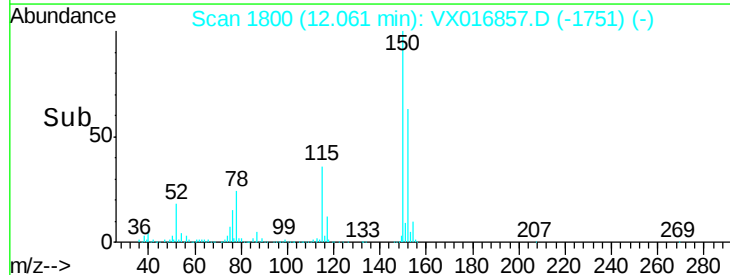
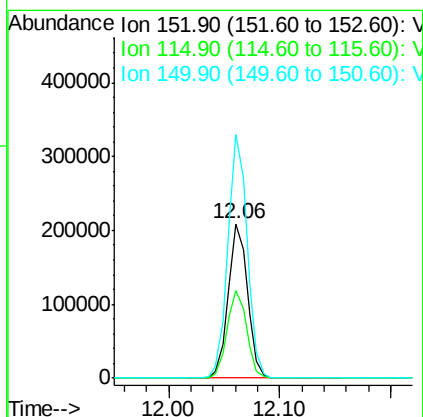
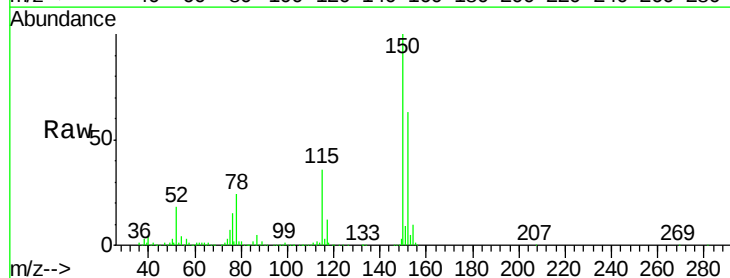
Instrument :
MSVOA_X
ClientSampleId :
PB129596ZHE#17

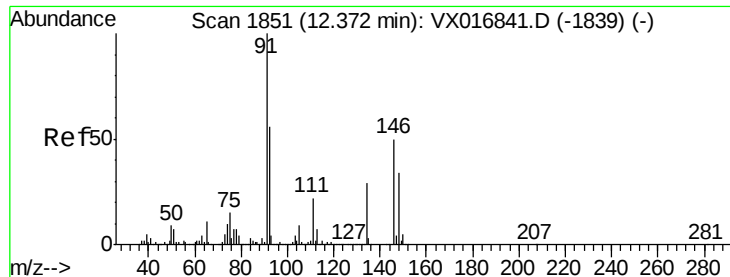
Tot Ion:117 Resp: 419324
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016857.D
Acq: 18 Jun 2020 23:09

Tgt Ion:152 Resp: 250743
Ion Ratio Lower Upper
152 100
115 57.3 40.9 122.8
150 157.6 0.0 344.2





#89

n-Butylbenzene

Concen: 3.108 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016857.D

Acq: 18 Jun 2020 23:09

Instrument :

MSVOA_X

ClientSampleId :

PB129596ZHE#17

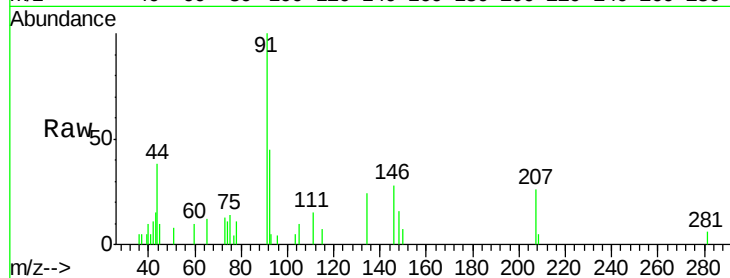
Tot Ion: 91 Resp: 1400

Ion Ratio Lower Upper

91 100

92 50.5 27.4 82.2

134 24.8 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

