

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018196.D
 Acq On : 01 Sep 2020 16:48
 Operator : JC/SP
 Sample : PB131314ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#12

Quant Time: Sep 02 04:03:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	421525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	709428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	705536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	333529	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	319553	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
35) Dibromofluoromethane	5.46	113	247398	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	8.70	98	912010	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	340846	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	

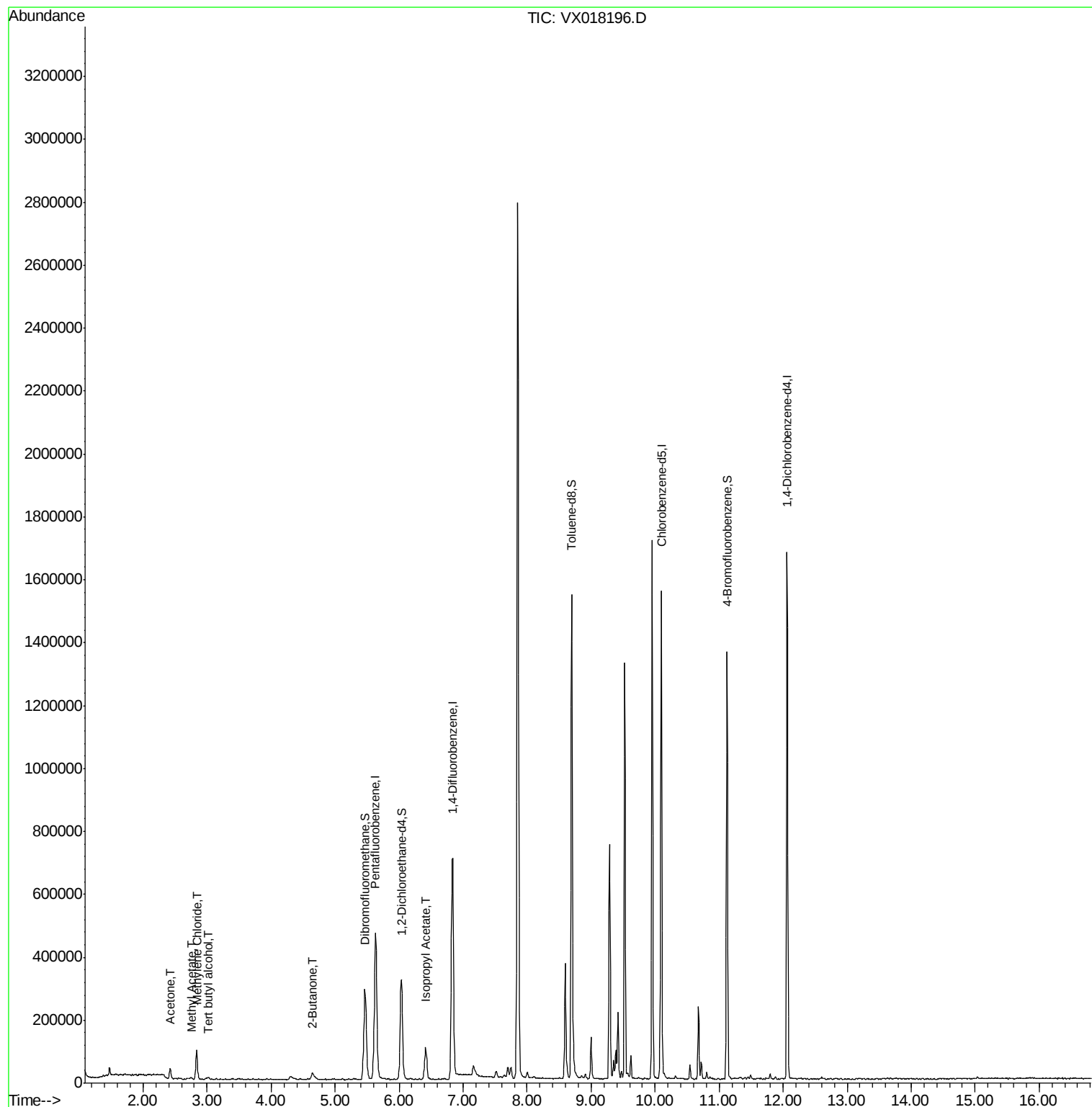
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	7757	6.817	ug/l	99
16) Acetone	2.42	43	34863	15.289	ug/l	94
18) Methyl Acetate	2.75	43	7553	1.373	ug/l #	74
20) Methylene Chloride	2.84	84	44012	8.470	ug/l	96
25) 2-Butanone	4.65	43	29325	7.825	ug/l	93
43) Isopropyl Acetate	6.41	43	146056	11.899	ug/l	99

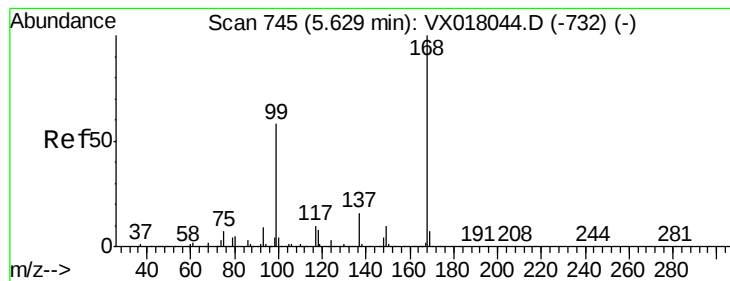
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

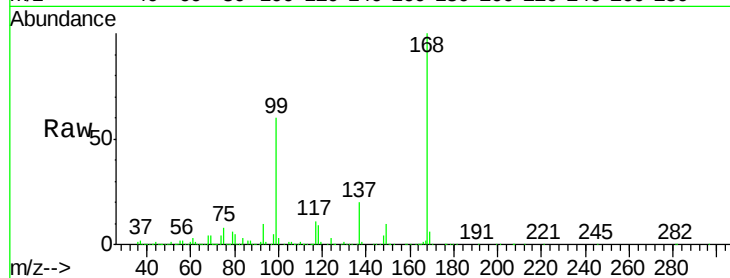
PB131314ZHE#12

Tot Ion:168 Resp: 421525

Ion Ratio Lower Upper

168 100

99 60.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

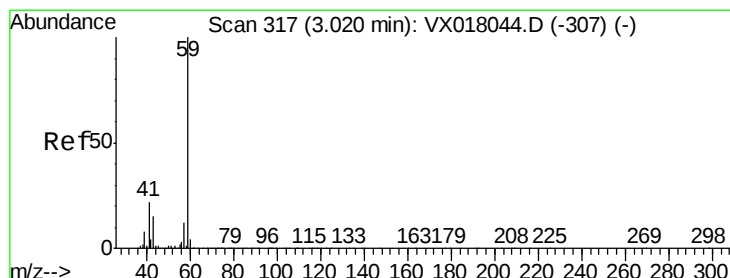
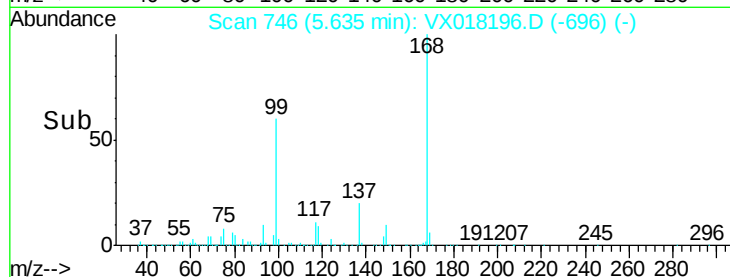
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.817 ug/l

RT: 3.03 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX018196.D

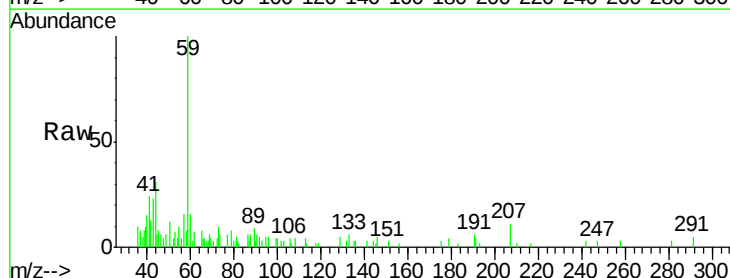
Acq: 01 Sep 2020 16:48

Tgt Ion: 59 Resp: 7757

Ion Ratio Lower Upper

59 100

57 11.5 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

3000

2500

2000

1500

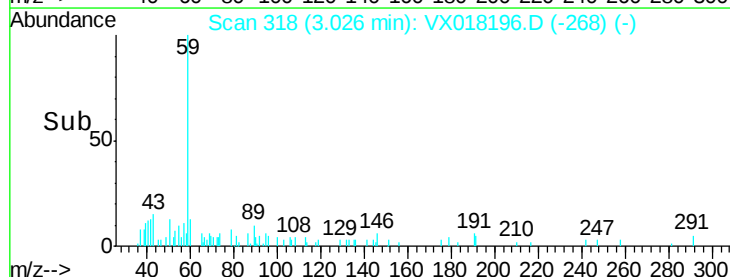
1000

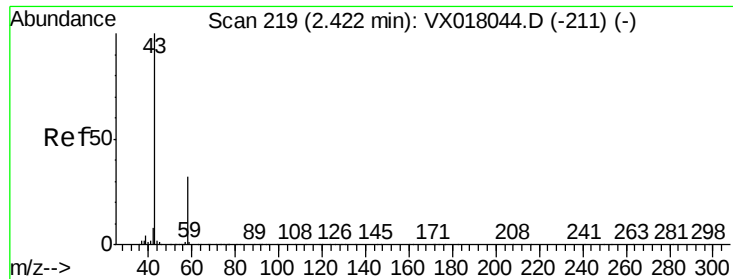
500

0

Time-->

2.90 3.00 3.10





#16

Acetone

Concen: 15.289 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

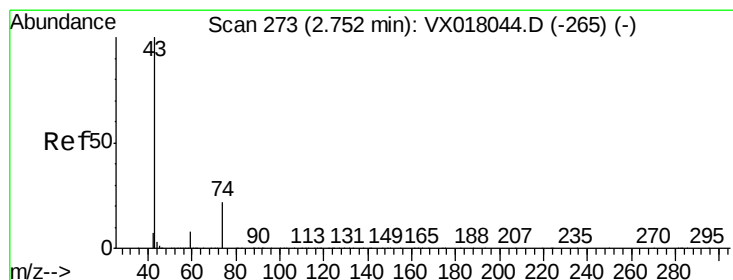
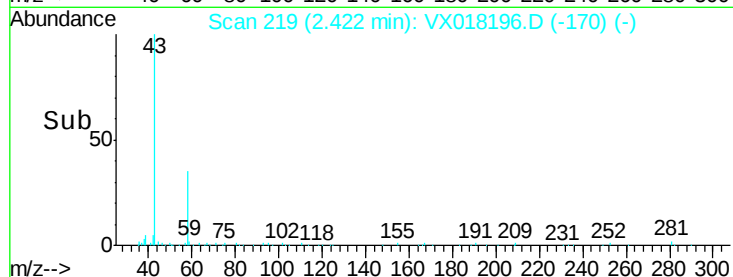
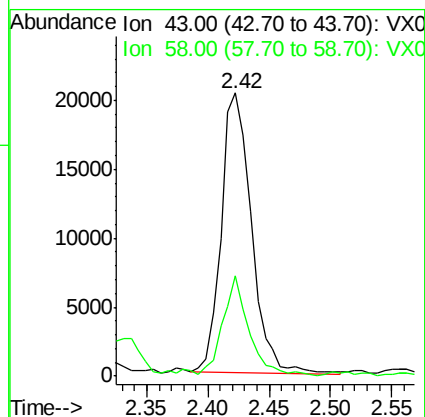
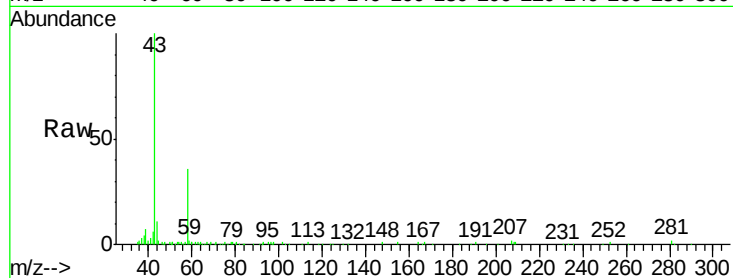
PB131314ZHE#12

Tot Ion: 43 Resp: 34863

Ion Ratio Lower Upper

43 100

58 35.1 25.5 38.3



#18

Methyl Acetate

Concen: 1.373 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018196.D

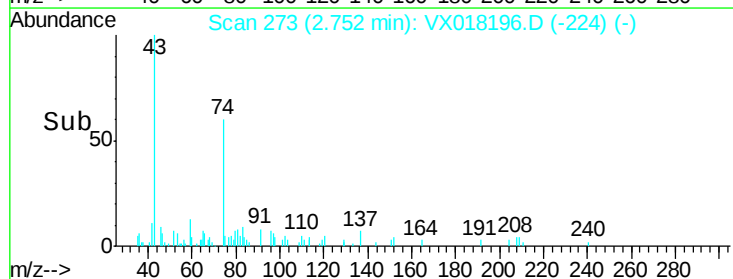
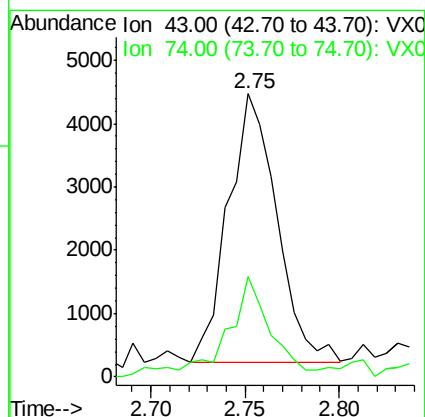
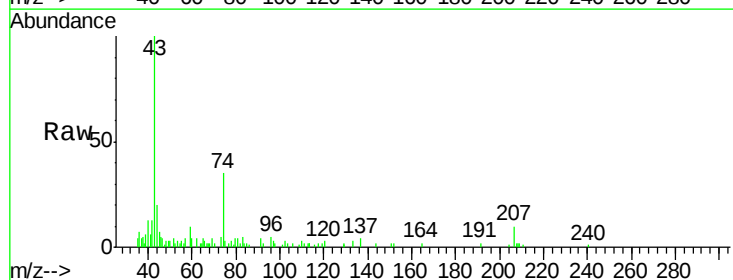
Acq: 01 Sep 2020 16:48

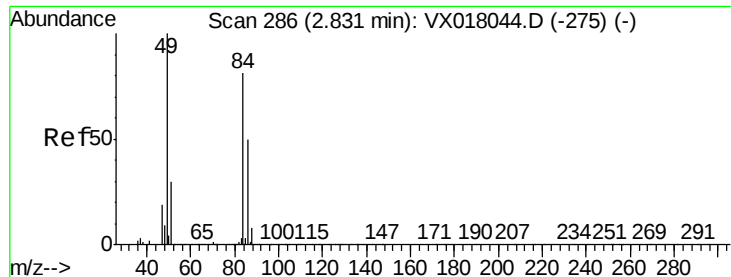
Tgt Ion: 43 Resp: 7553

Ion Ratio Lower Upper

43 100

74 35.2 18.2 27.4#

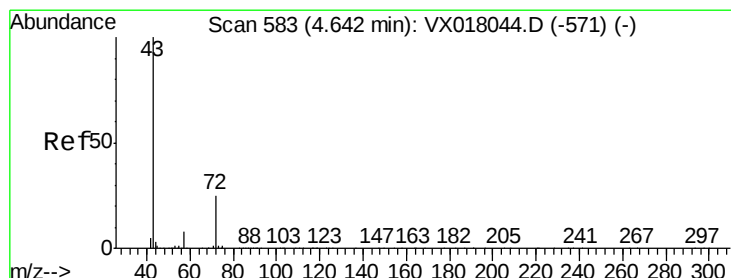
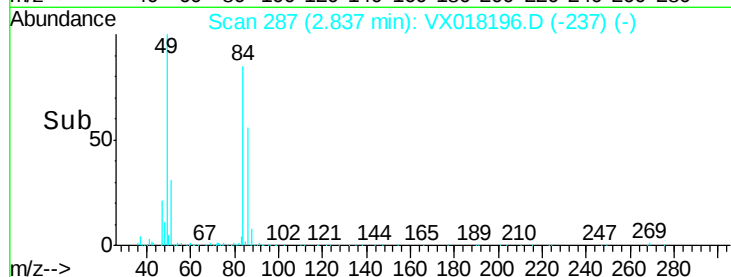
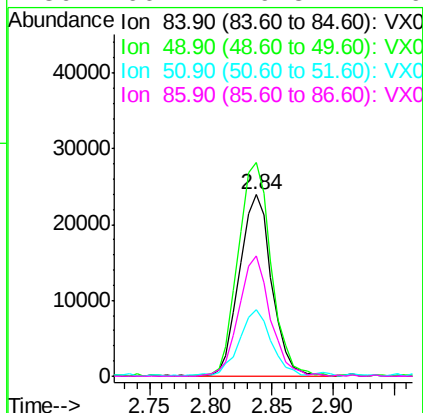
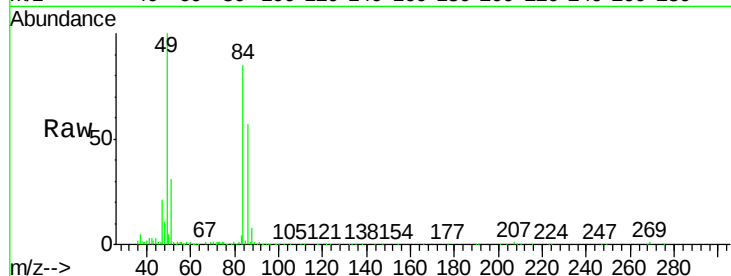




#20
Methvlene Chloride
Concen: 8.470 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018196.D
Acq: 01 Sep 2020 16:48

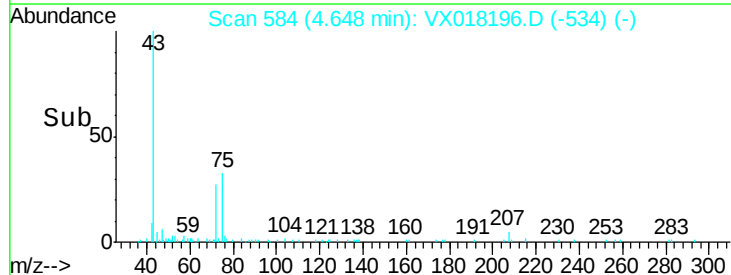
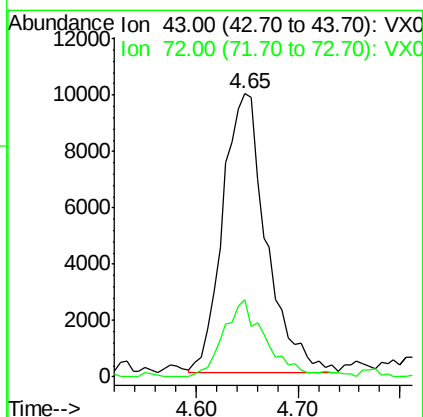
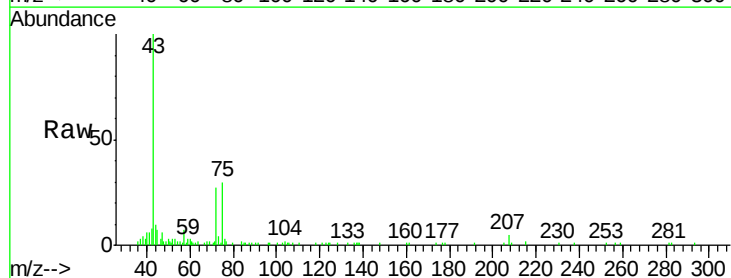
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#12

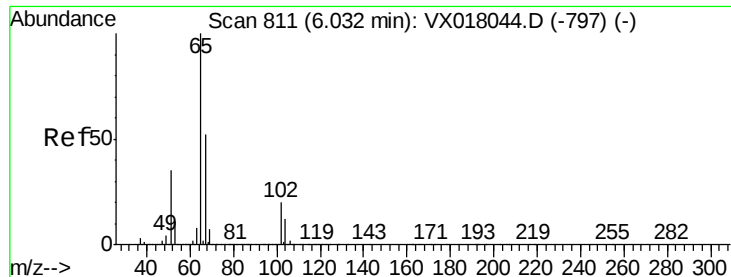
Tot Ion: 84	Resp: 44012
Ion Ratio	Lower Upper
84 100	
49 117.5	98.6 148.0
51 36.7	29.6 44.4
86 66.4	49.8 74.6



#25
2-Butanone
Concen: 7.825 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX018196.D
Acq: 01 Sep 2020 16:48

Tgt Ion: 43	Resp: 29325
Ion Ratio	Lower Upper
43 100	
72 28.0	19.8 29.6





#33

1,2-Dichloroethane-d4

Concen: 54.607 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

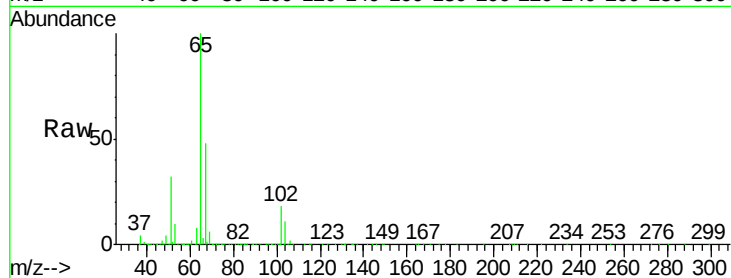
PB131314ZHE#12

Tot Ion: 65 Resp: 319553

Ion Ratio Lower Upper

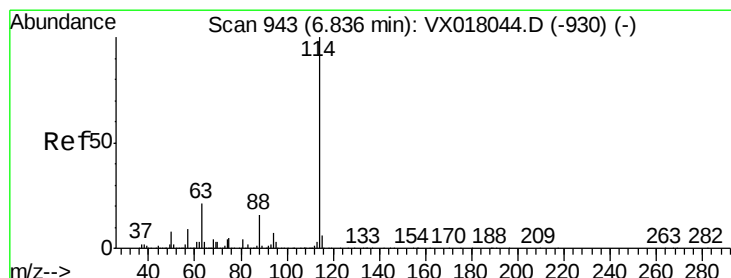
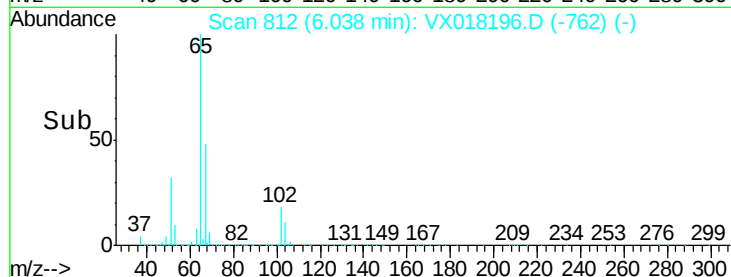
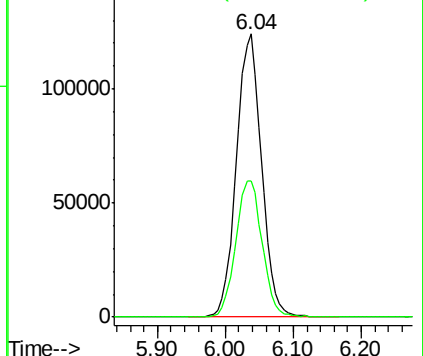
65 100

67 50.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

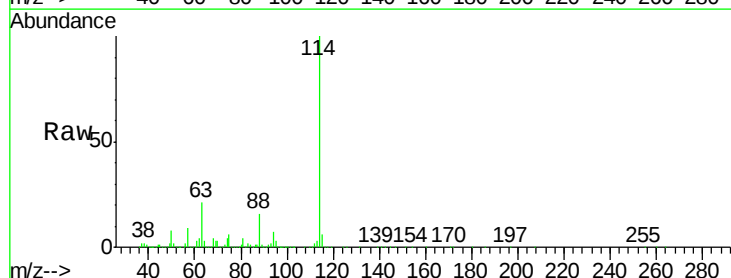
Tgt Ion: 114 Resp: 709428

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

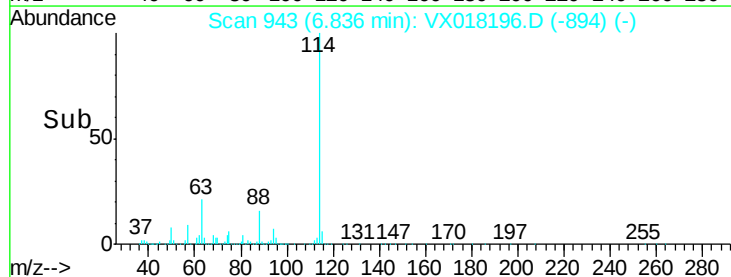
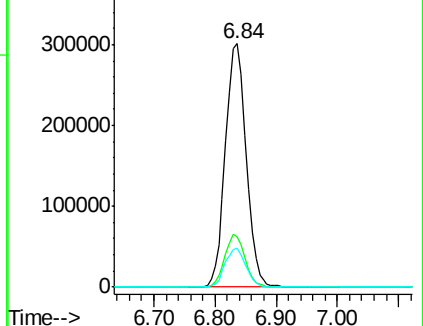
88 16.0 0.0 31.8

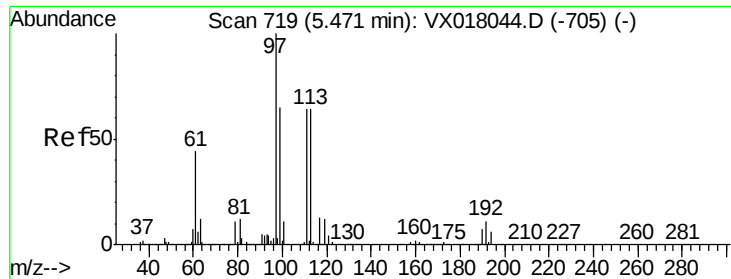


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.205 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

PB131314ZHE#12

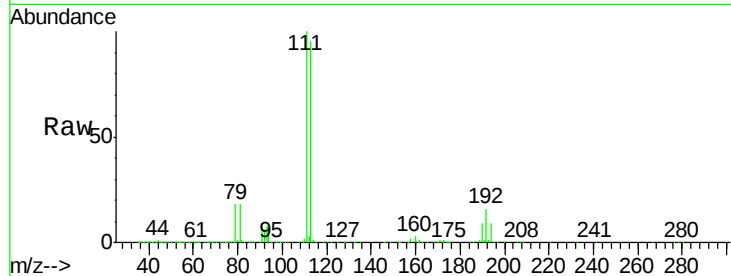
Tot Ion:113 Resp: 247398

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

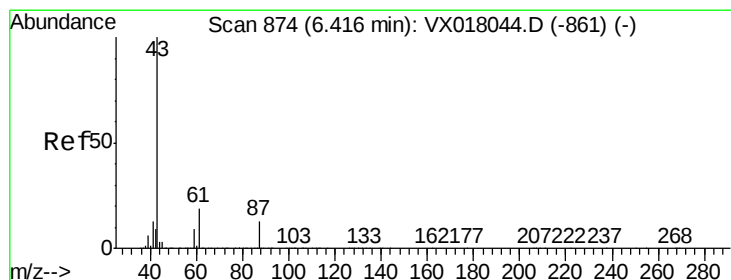
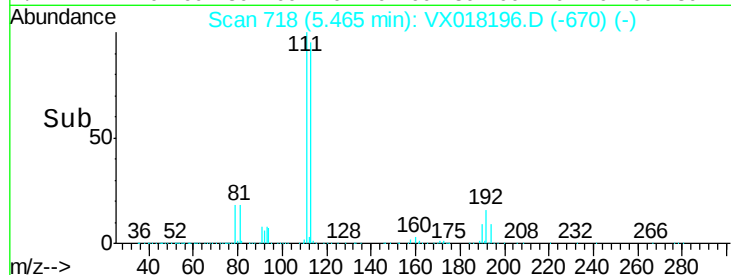
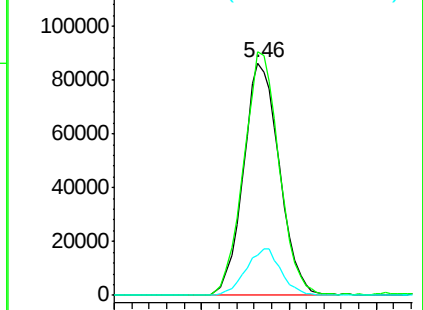
192 19.4 15.8 23.8



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: 11.899 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

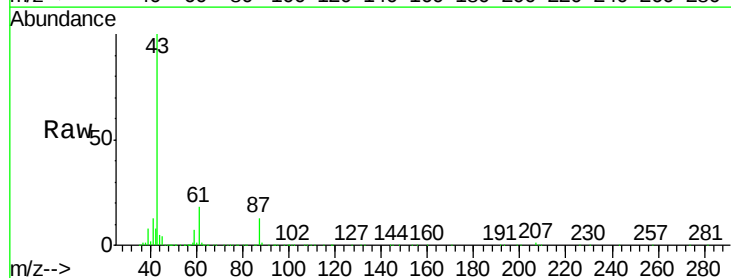
Tgt Ion: 43 Resp: 146056

Ion Ratio Lower Upper

43 100

61 19.2 15.7 23.5

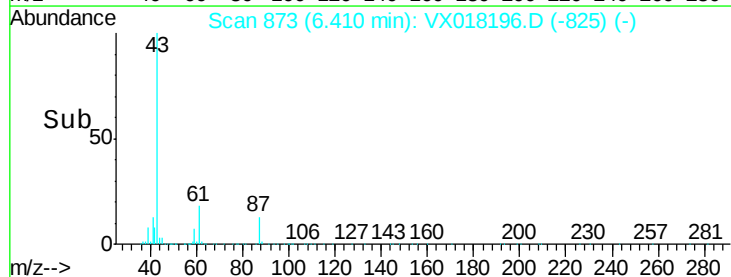
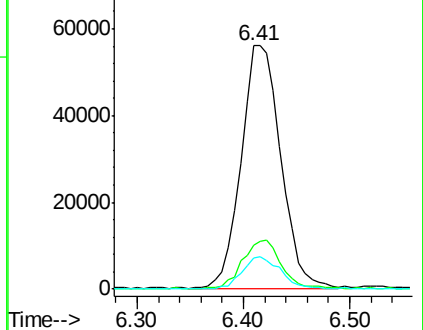
87 13.3 10.3 15.5

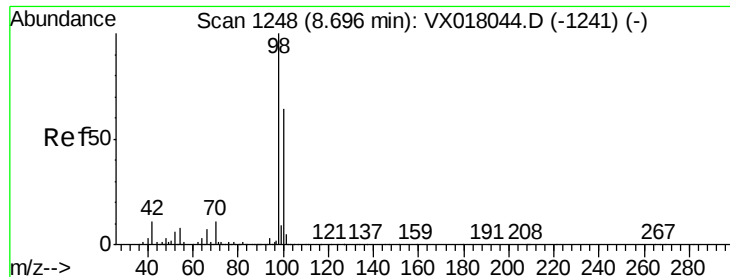


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.680 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

Instrument :

MSVOA_X

ClientSampleId :

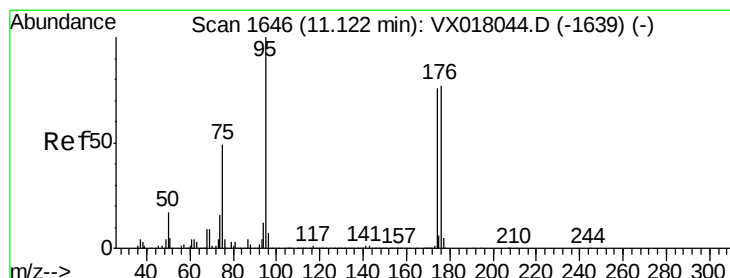
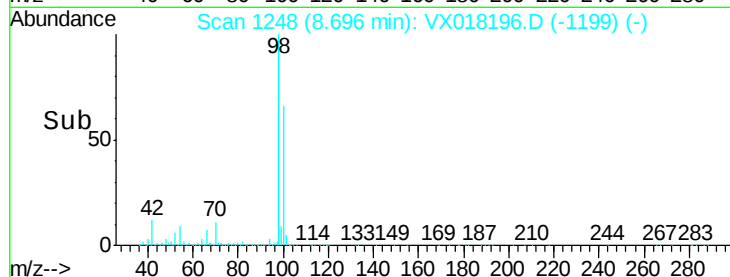
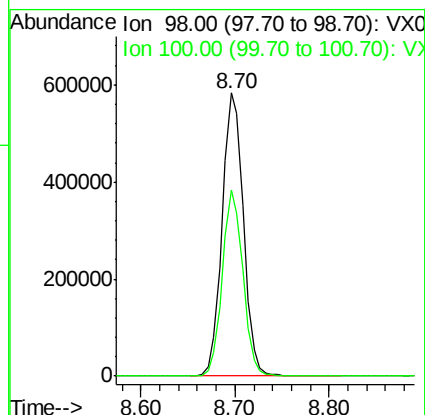
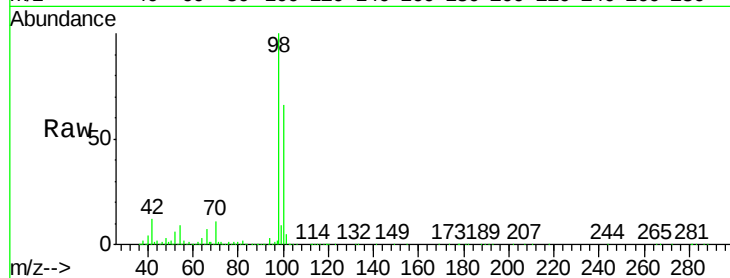
PB131314ZHE#12

Tot Ion: 98 Resp: 912010

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 48.141 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018196.D

Acq: 01 Sep 2020 16:48

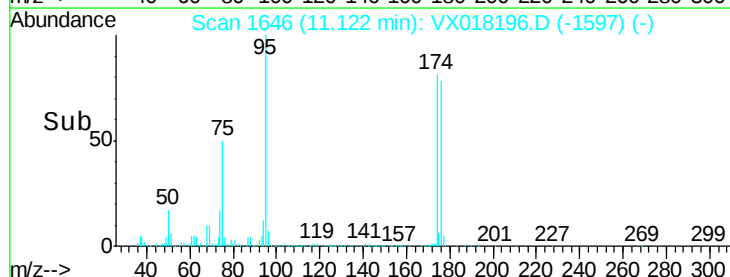
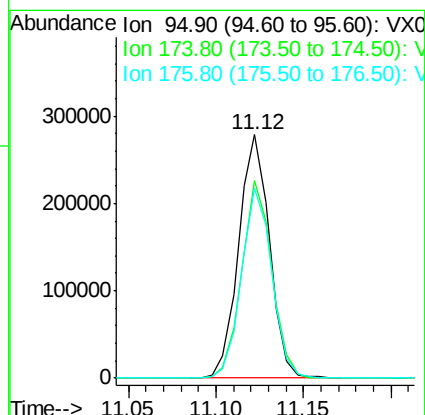
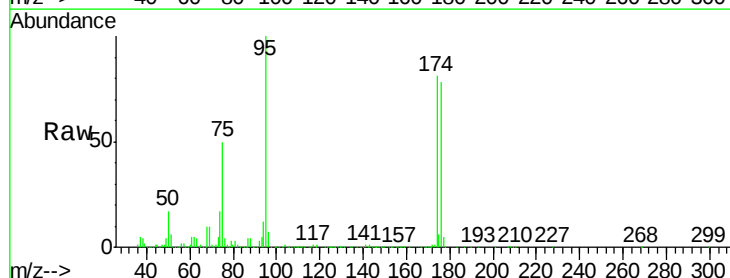
Tgt Ion: 95 Resp: 340846

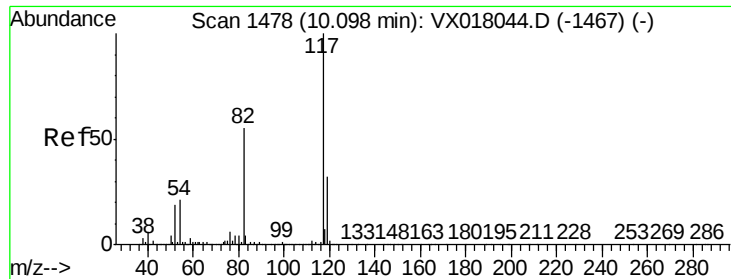
Ion Ratio Lower Upper

95 100

174 79.4 0.0 160.2

176 76.5 0.0 155.8

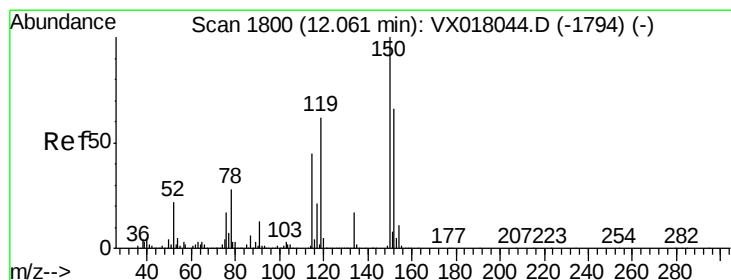
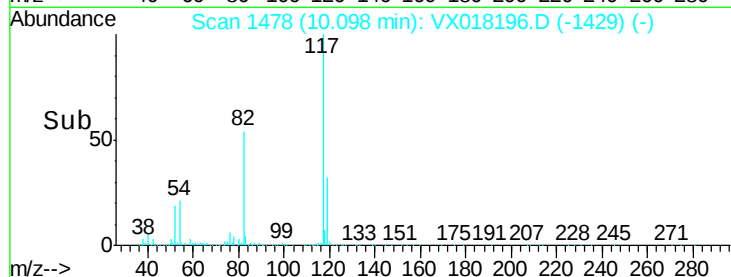
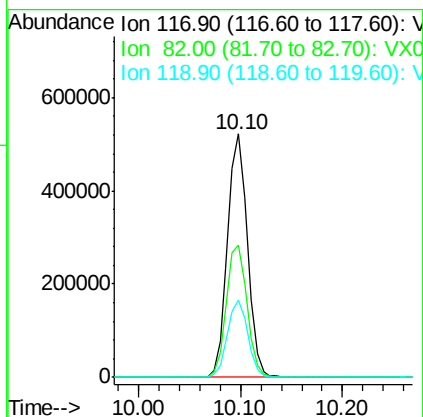
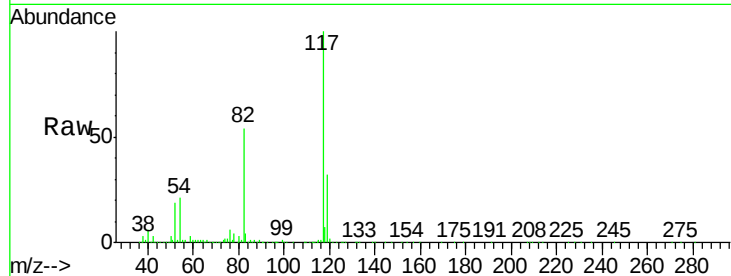




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018196.D
Acq: 01 Sep 2020 16:48

Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#12

Tot Ion:117 Resp: 705536
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.5 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: VX018196.D
Acq: 01 Sep 2020 16:48

Tgt Ion:152 Resp: 333529
Ion Ratio Lower Upper
152 100
115 59.1 41.5 124.5
150 159.8 0.0 343.8

