

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018191.D
 Acq On : 01 Sep 2020 14:53
 Operator : JC/SP
 Sample : PB131314ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#07

Quant Time: Sep 02 03:50:51 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

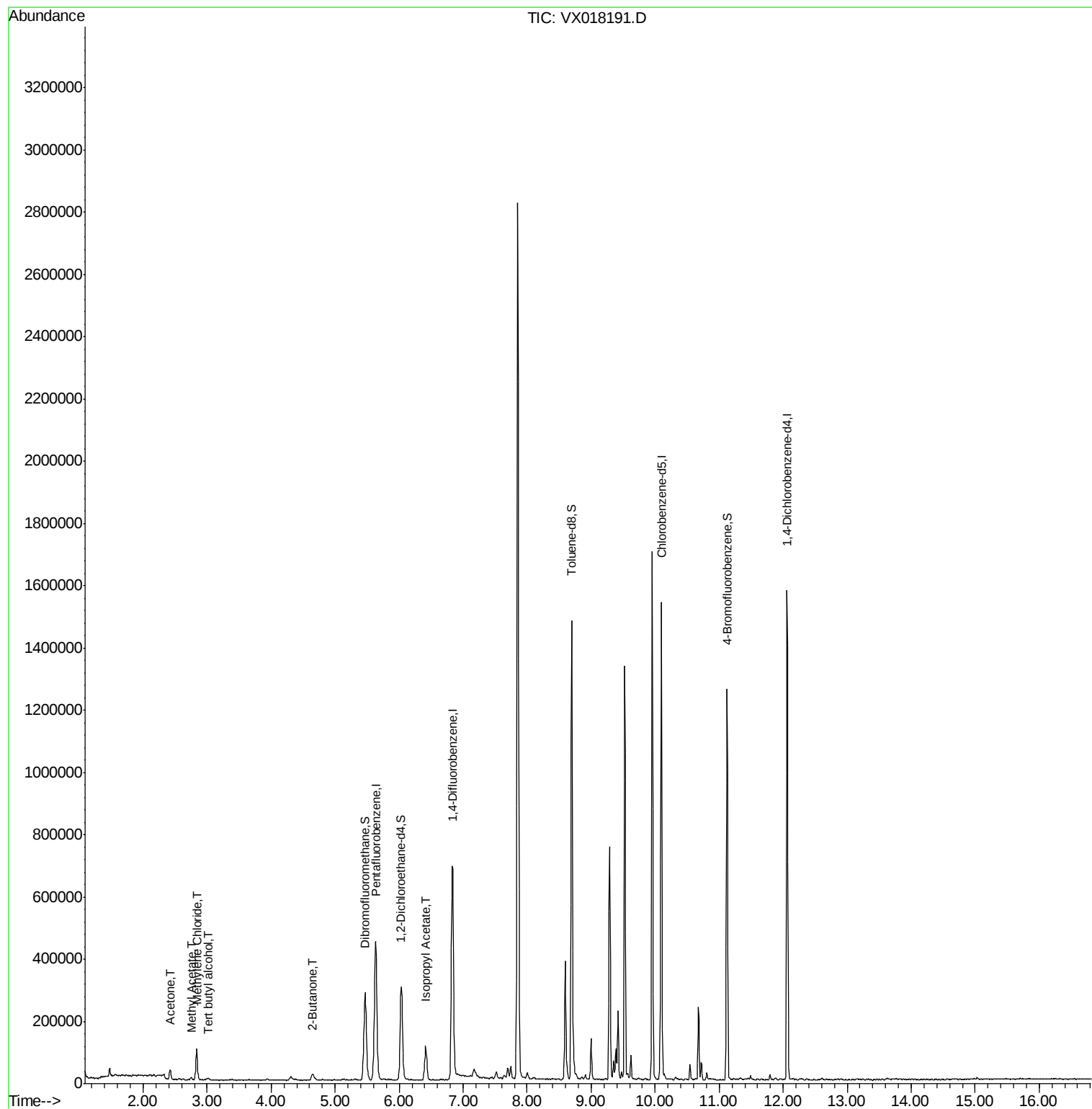
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	416883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	691061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	672121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	319584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	305907	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
35) Dibromofluoromethane	5.47	113	238439	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	8.70	98	866181	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.12	95	324087	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.02	59	7588	6.743	ug/l #	88
16) Acetone	2.42	43	36430	16.154	ug/l	93
18) Methyl Acetate	2.76	43	7638	1.404	ug/l #	79
20) Methylene Chloride	2.84	84	44346	8.652	ug/l	98
25) 2-Butanone	4.64	43	29286	7.902	ug/l	94
43) Isopropyl Acetate	6.42	43	146878	12.284	ug/l	99

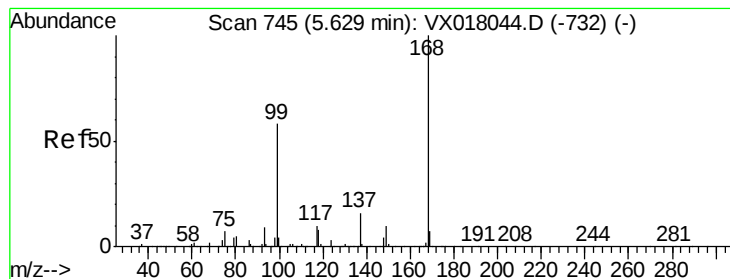
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
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: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018191.D

Acq: 01 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

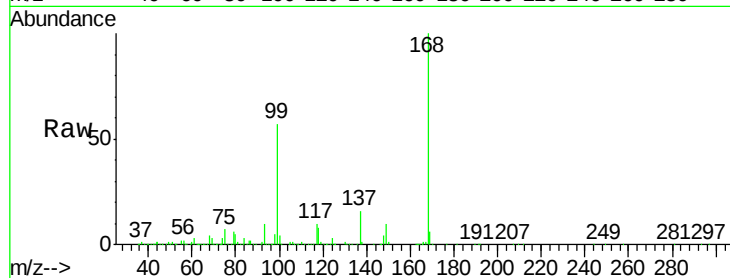
PB131314ZHE#07

Tot Ion:168 Resp: 416883

Ion Ratio Lower Upper

168 100

99 57.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

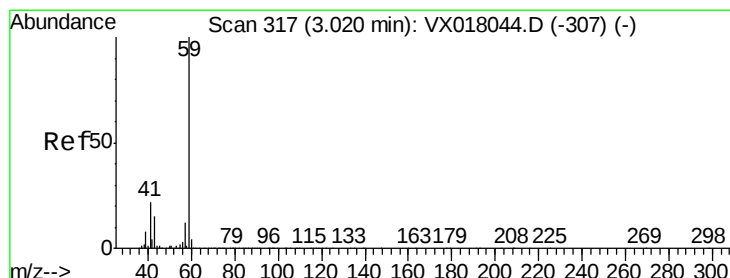
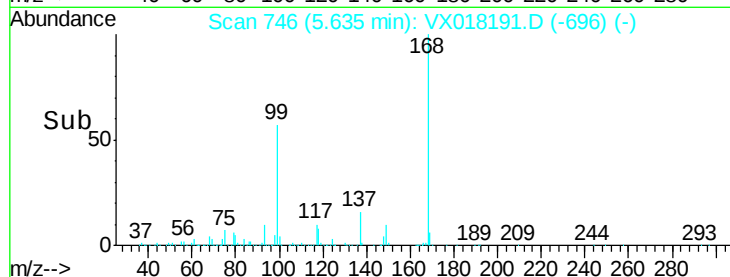
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.743 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX018191.D

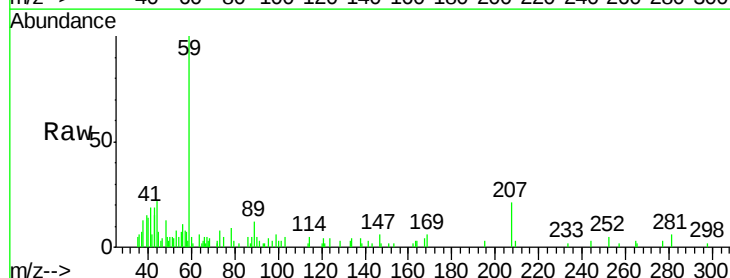
Acq: 01 Sep 2020 14:53

Tgt Ion: 59 Resp: 7588

Ion Ratio Lower Upper

59 100

57 15.7 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

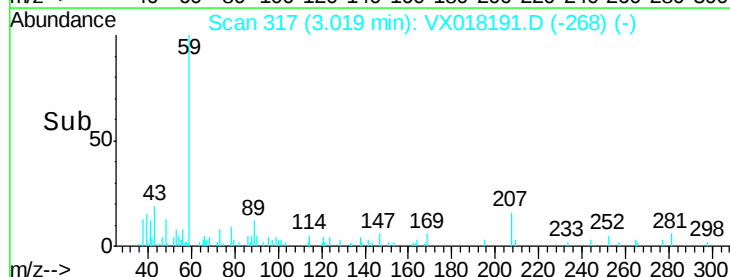
3000

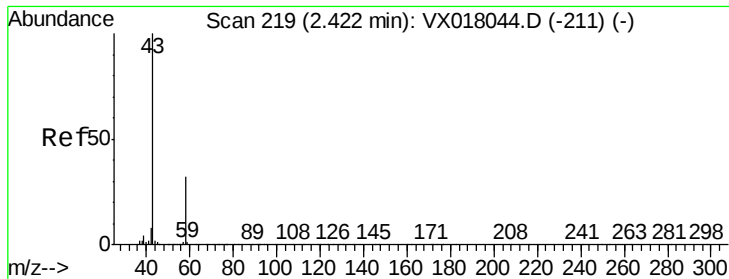
2000

1000

0

Time-->

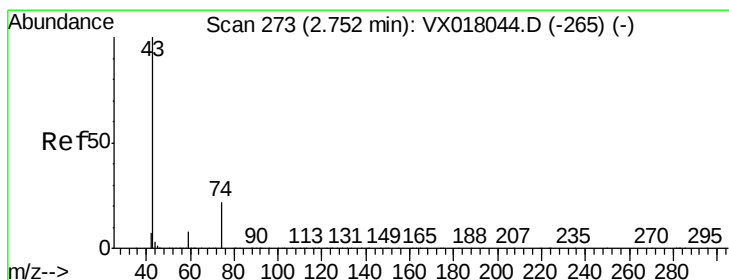
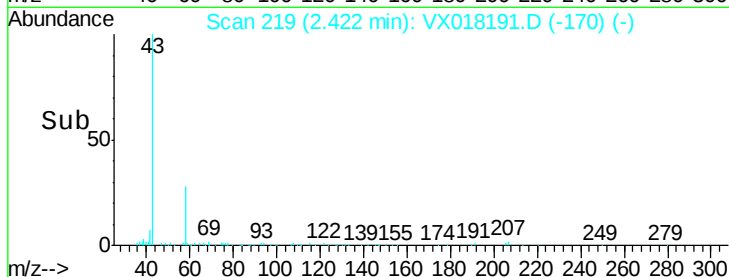
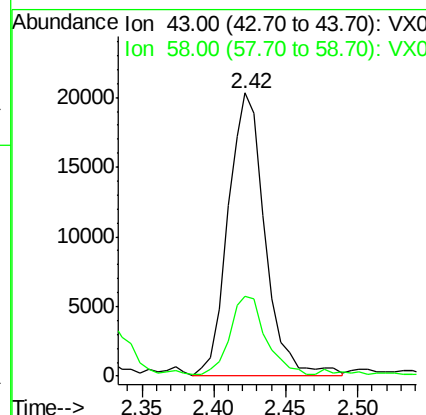
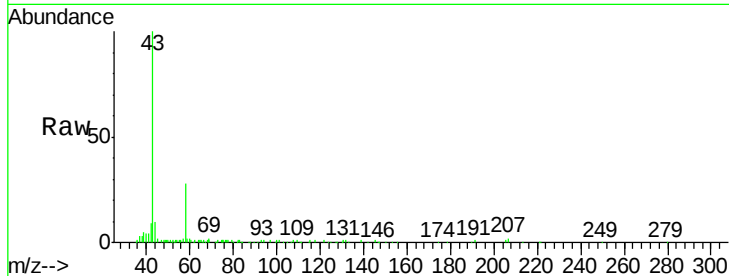




#16
Acetone
Concen: 16.154 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018191.D
Acq: 01 Sep 2020 14:53

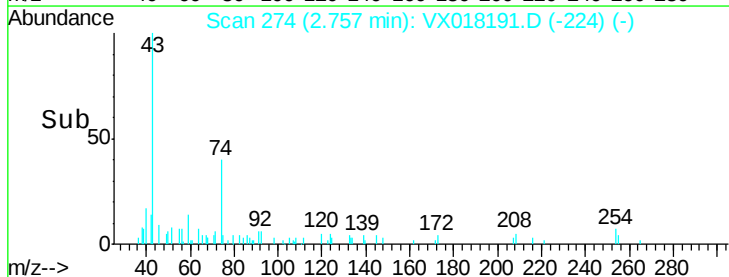
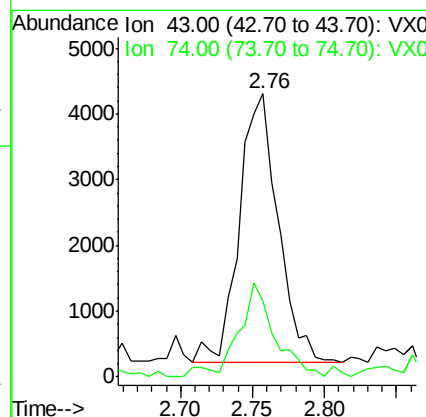
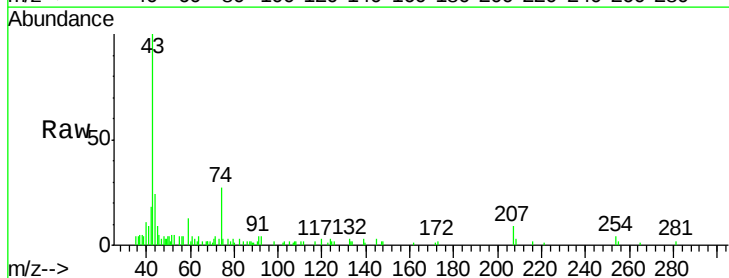
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#07

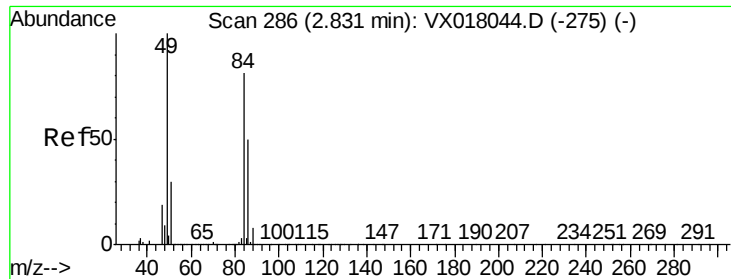
Tot Ion: 43 Resp: 36430
Ion Ratio Lower Upper
43 100
58 27.8 25.5 38.3



#18
Methyl Acetate
Concen: 1.404 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018191.D
Acq: 01 Sep 2020 14:53

Tgt Ion: 43 Resp: 7638
Ion Ratio Lower Upper
43 100
74 32.9 18.2 27.4#

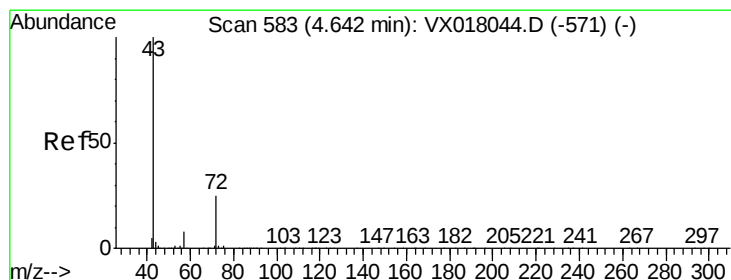
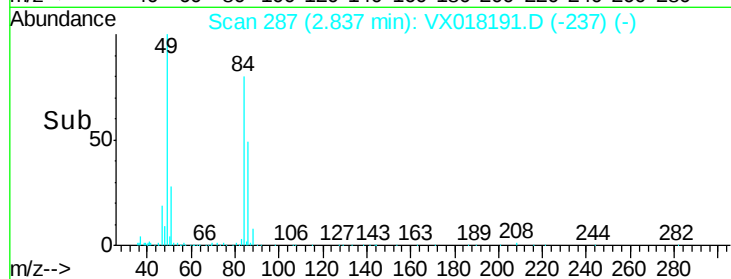
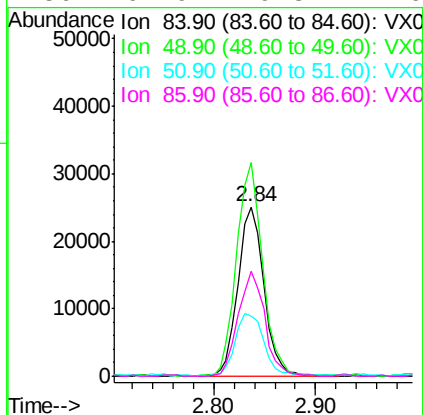
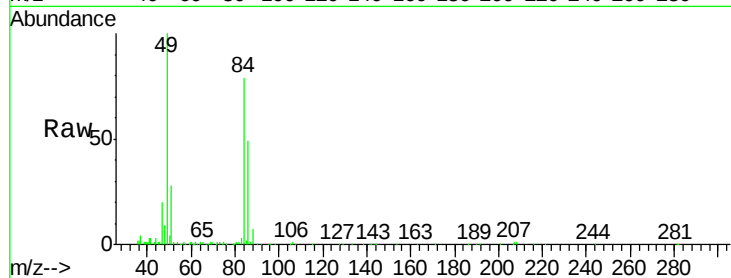




#20
Methvlene Chloride
Concen: 8.652 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018191.D
Acq: 01 Sep 2020 14:53

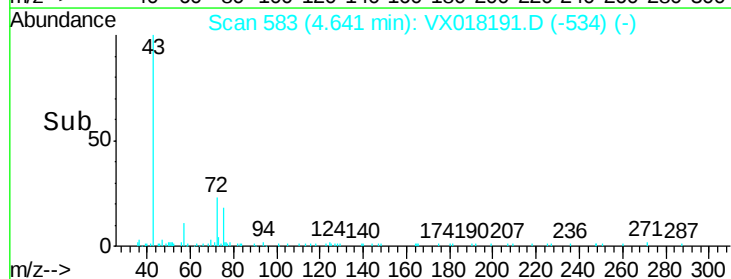
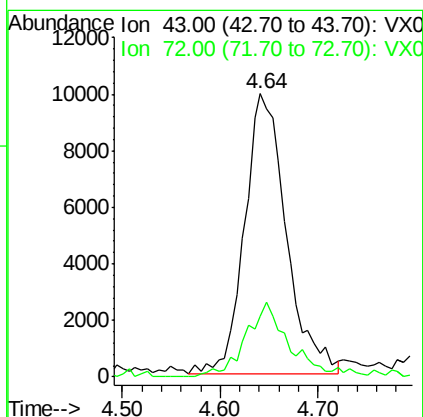
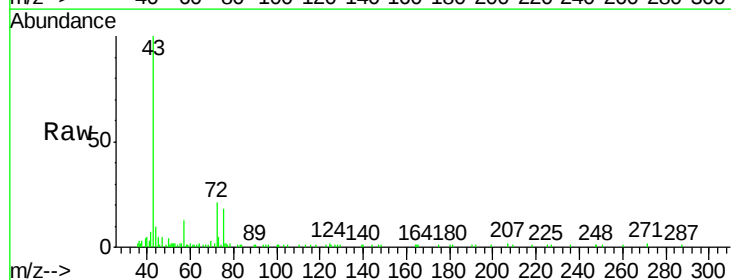
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#07

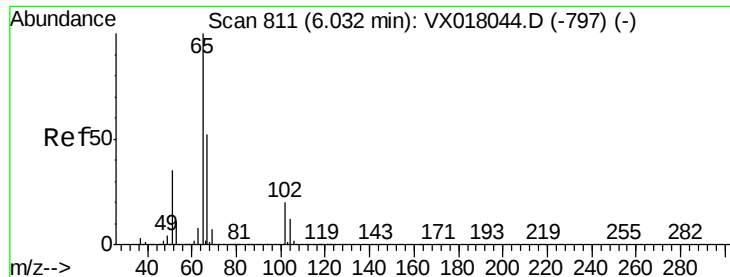
Tot Ion: 84 Resp: 44346
Ion Ratio Lower Upper
84 100
49 126.0 98.6 148.0
51 34.7 29.6 44.4
86 61.9 49.8 74.6



#25
2-Butanone
Concen: 7.902 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018191.D
Acq: 01 Sep 2020 14:53

Tgt Ion: 43 Resp: 29286
Ion Ratio Lower Upper
43 100
72 21.8 19.8 29.6





#33

1,2-Dichloroethane-d4

Concen: 52.857 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018191.D

Acq: 01 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

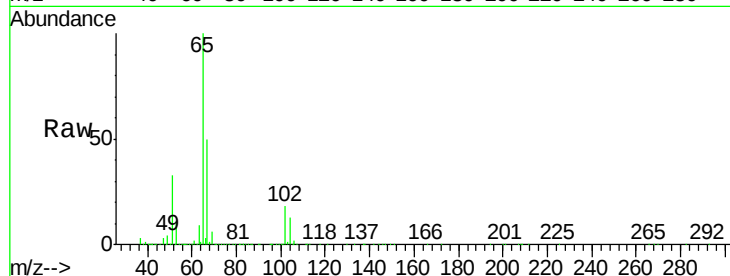
PB131314ZHE#07

Tot Ion: 65 Resp: 305907

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

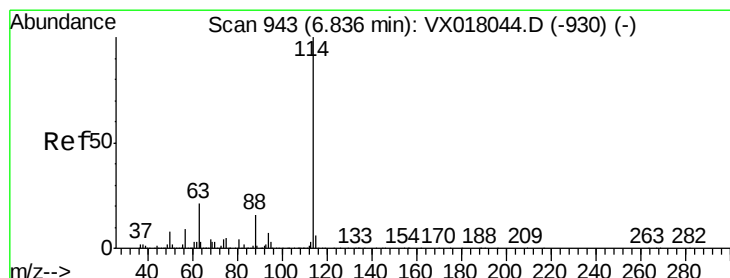
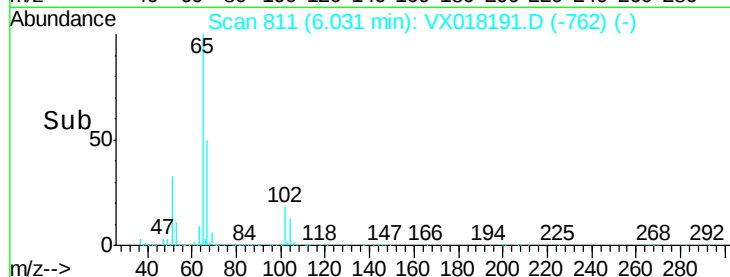
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018191.D

Acq: 01 Sep 2020 14:53

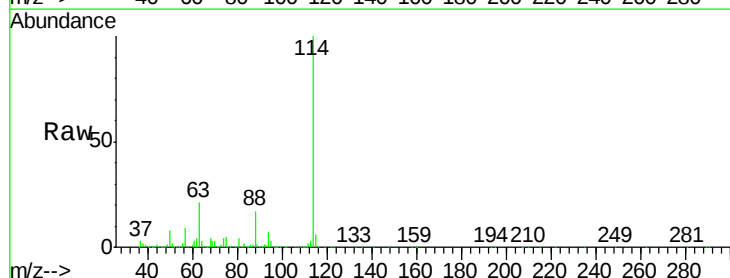
Tgt Ion: 114 Resp: 691061

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.6 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

400000

300000

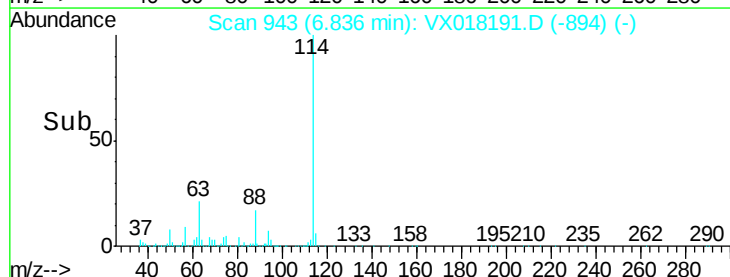
200000

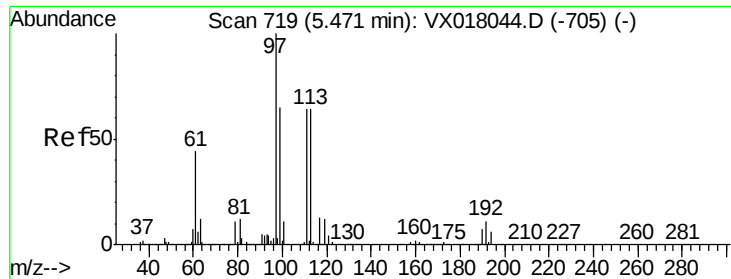
100000

0

Time-->

6.70 6.80 6.90 7.00

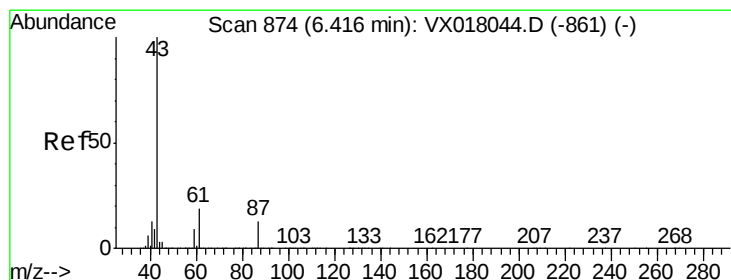
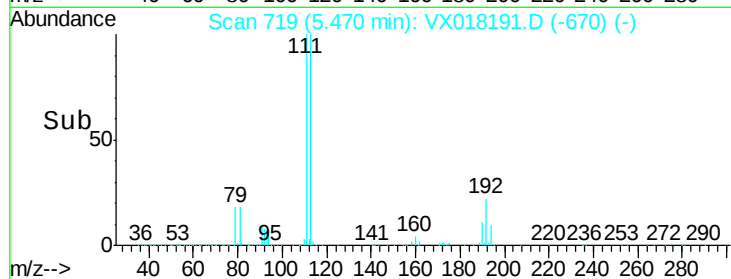
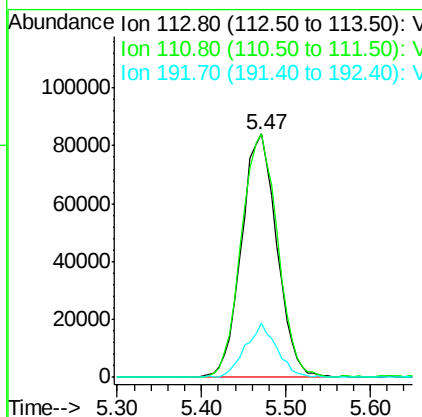
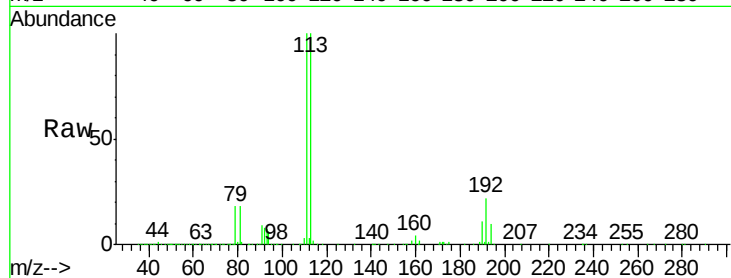




#35
 Dibromofluoromethane
 Concen: 50.662 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018191.D
 Acq: 01 Sep 2020 14:53

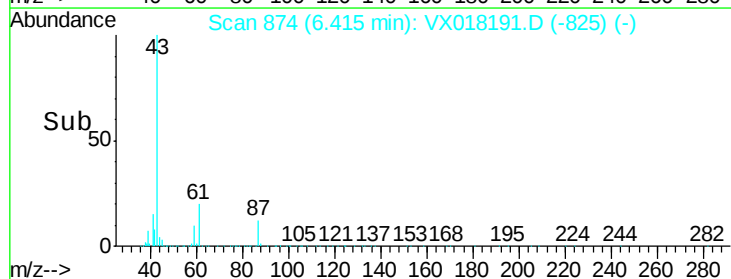
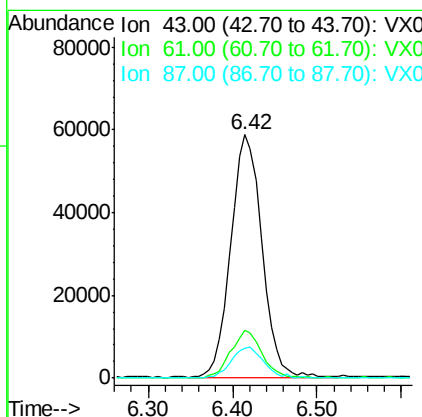
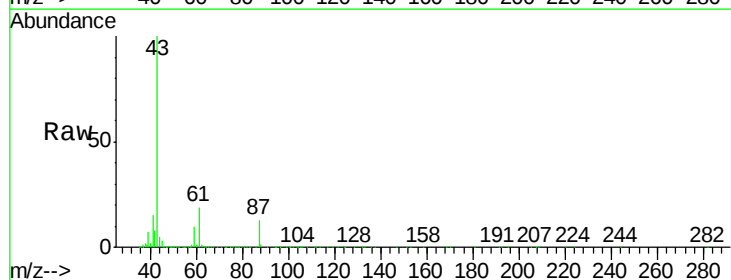
Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#07

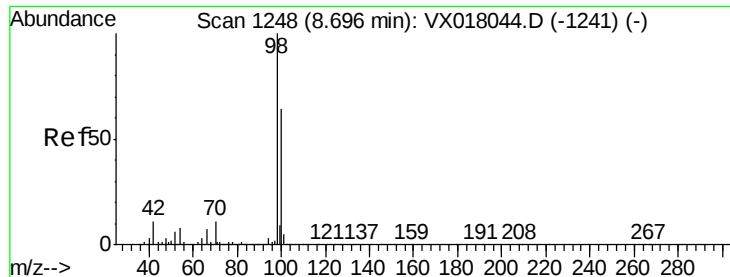
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.0	15.8	23.8



#43
 Isopropyl Acetate
 Concen: 12.284 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018191.D
 Acq: 01 Sep 2020 14:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.7	23.5
87	13.4	10.3	15.5





#50

Toluene-d8

Concen: 49.413 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018191.D

Acq: 01 Sep 2020 14:53

Instrument :

MSVOA_X

ClientSampleId :

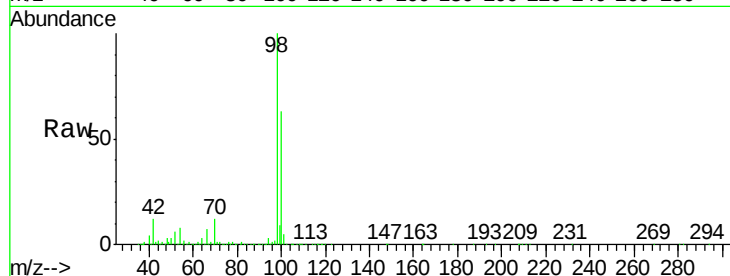
PB131314ZHE#07

Tot Ion: 98 Resp: 866181

Ion Ratio Lower Upper

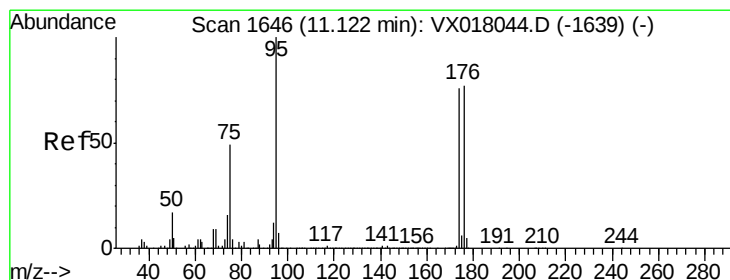
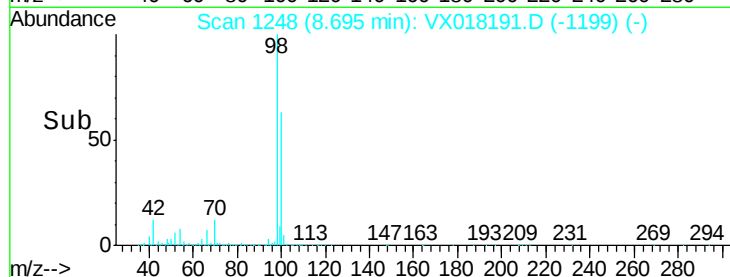
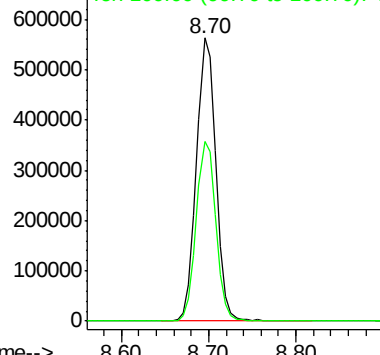
98 100

100 64.1 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.991 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018191.D

Acq: 01 Sep 2020 14:53

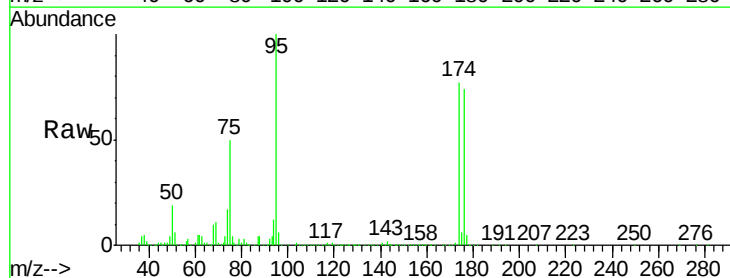
Tgt Ion: 95 Resp: 324087

Ion Ratio Lower Upper

95 100

174 79.5 0.0 160.2

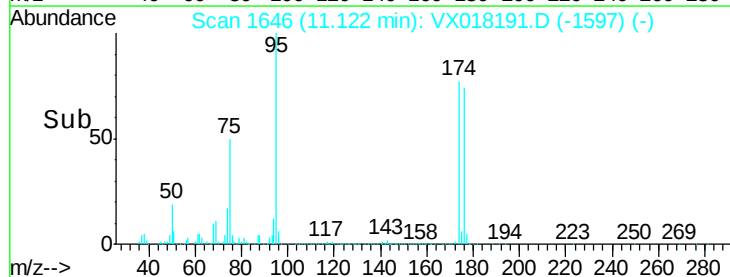
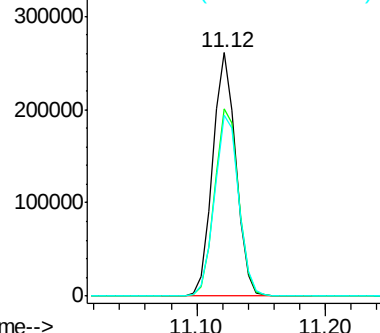
176 77.2 0.0 155.8

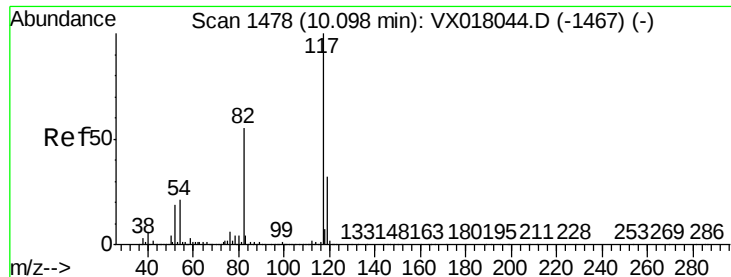


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

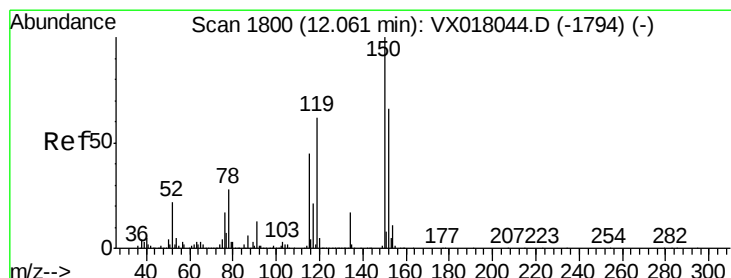
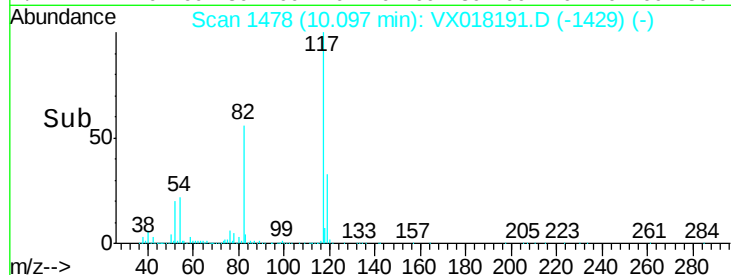
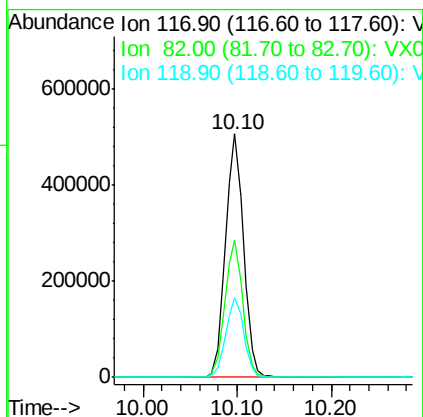
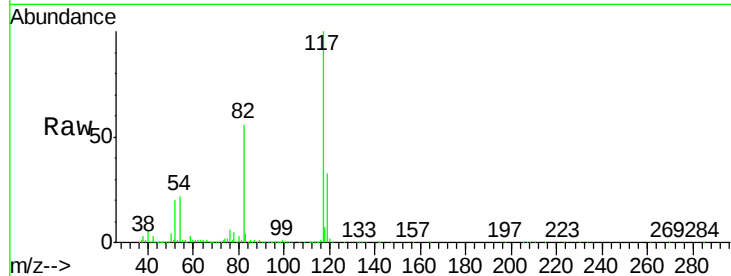




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018191.D
Acq: 01 Sep 2020 14:53

Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#07

Tot Ion:117 Resp: 672121
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
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: VX018191.D
Acq: 01 Sep 2020 14:53

Tgt Ion:152 Resp: 319584
Ion Ratio Lower Upper
152 100
115 59.6 41.5 124.5
150 158.6 0.0 343.8

