

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018197.D
 Acq On : 01 Sep 2020 17:11
 Operator : JC/SP
 Sample : PB131314ZHE#13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#13

Quant Time: Sep 02 04:06:44 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

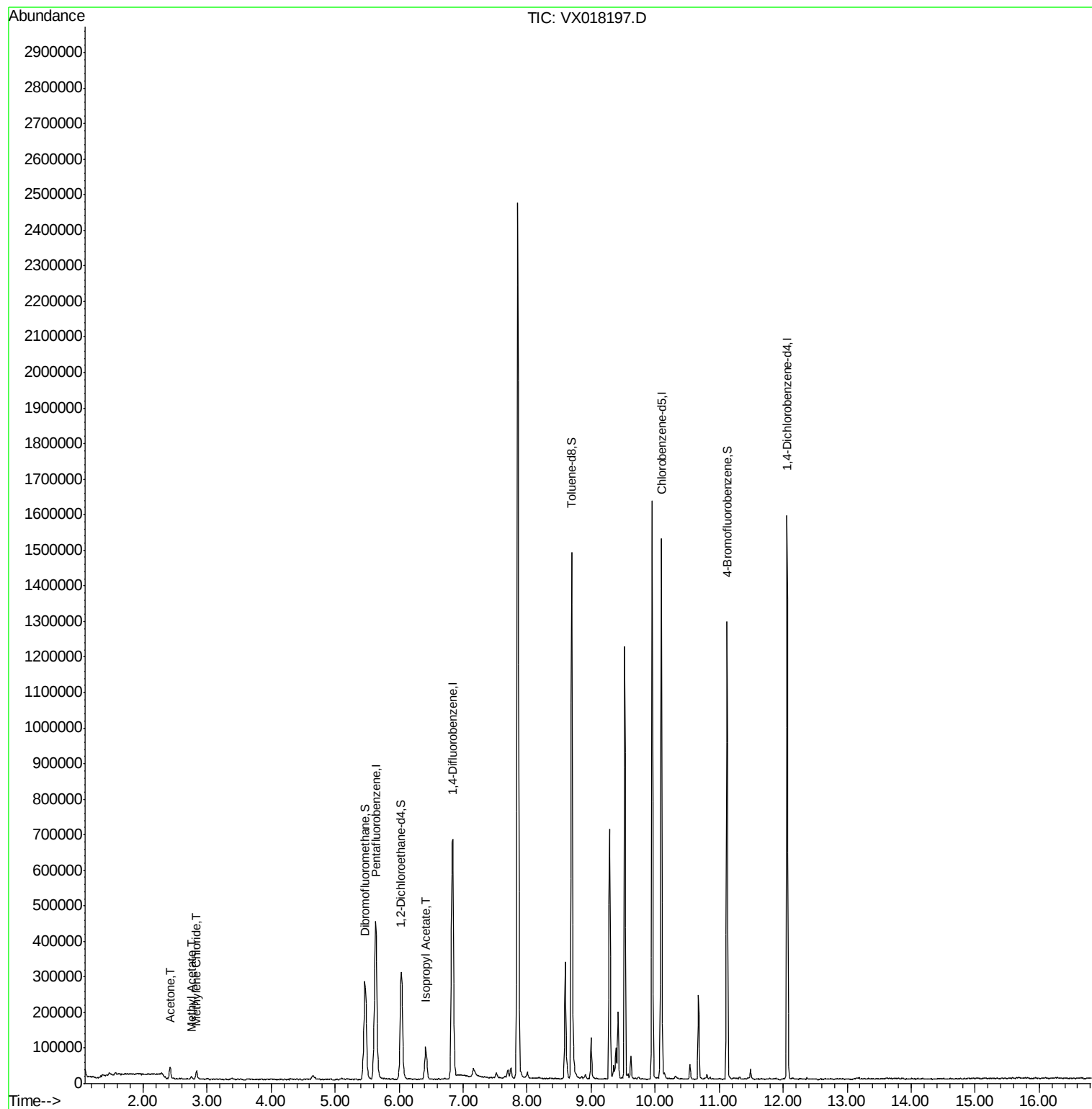
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	411597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	683556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	680571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	313397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	308983	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
35) Dibromofluoromethane	5.47	113	240407	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
50) Toluene-d8	8.70	98	869982	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.12	95	317884	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
Target Compounds						
16) Acetone	2.42	43	34303	15.406	ug/l	99
18) Methyl Acetate	2.75	43	8544	1.590	ug/l	98
20) Methylene Chloride	2.83	84	10759	1.224	ug/l	91
43) Isopropyl Acetate	6.42	43	123574	10.448	ug/l	99

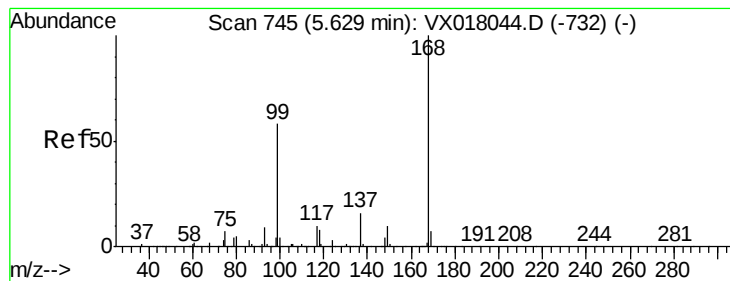
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018197.D

Acq: 01 Sep 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

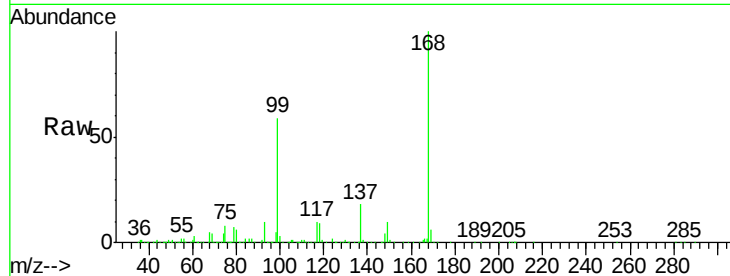
PB131314ZHE#13

Tot Ion:168 Resp: 411597

Ion Ratio Lower Upper

168 100

99 59.3 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

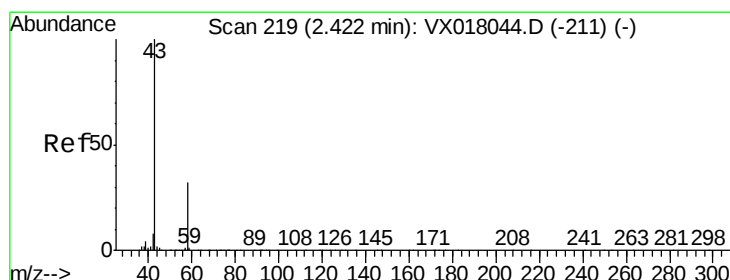
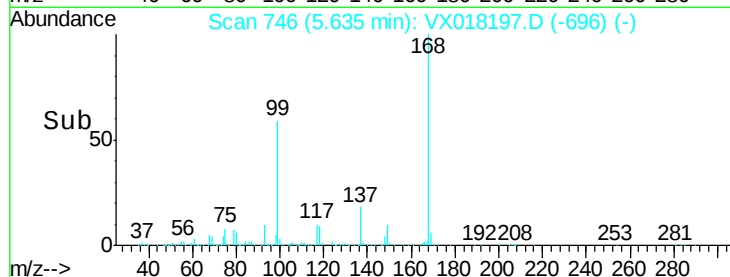
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.406 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018197.D

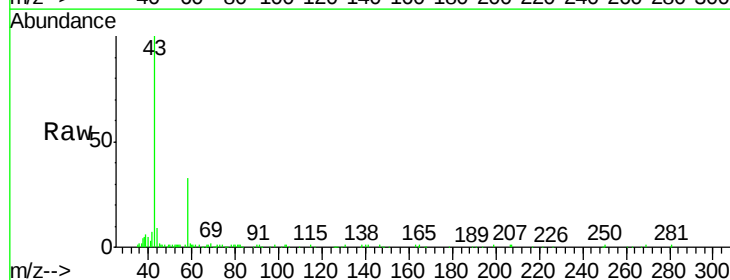
Acq: 01 Sep 2020 17:11

Tgt Ion: 43 Resp: 34303

Ion Ratio Lower Upper

43 100

58 32.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

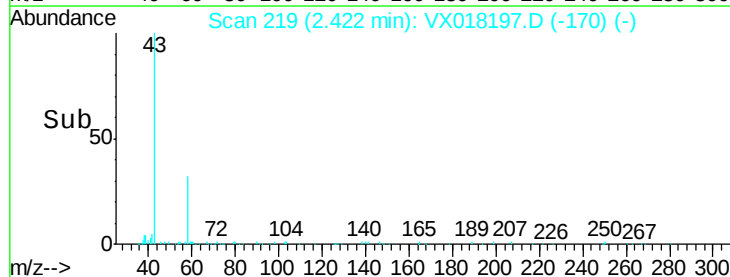
10000

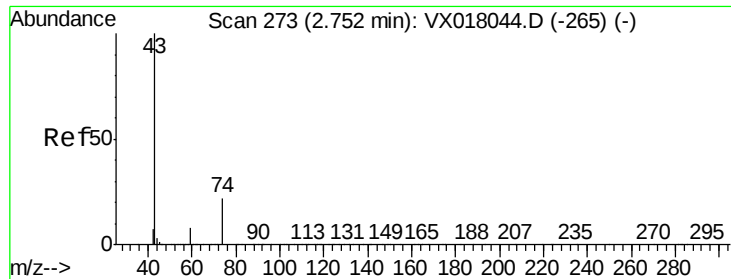
5000

0

Time-->

2.35 2.40 2.45 2.50

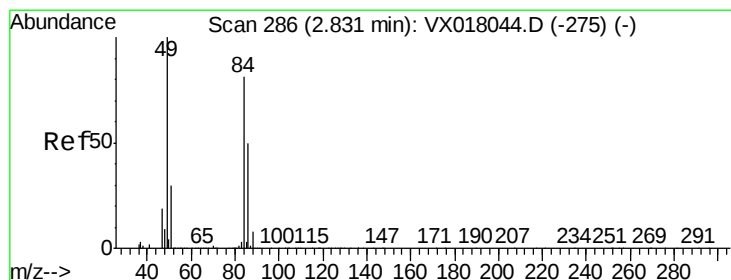
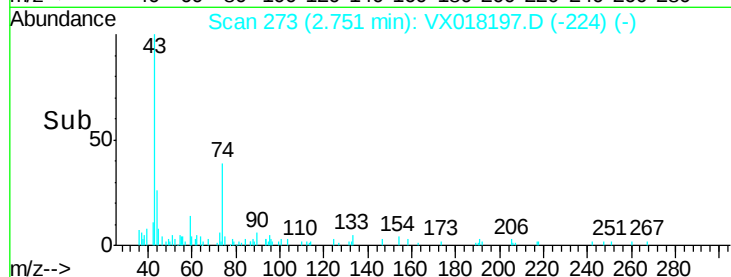
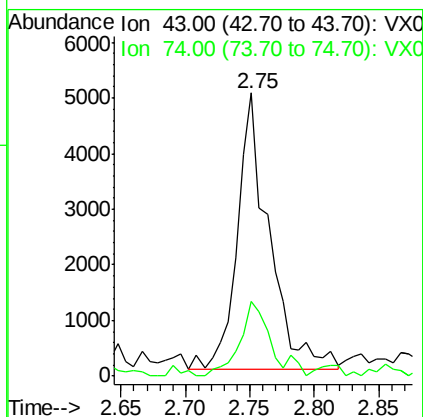
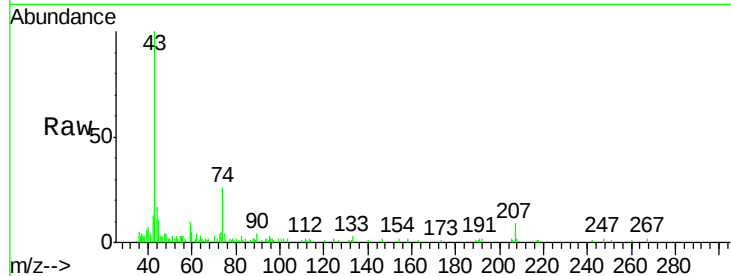




#18
Methyl Acetate
Concen: 1.590 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018197.D
Acq: 01 Sep 2020 17:11

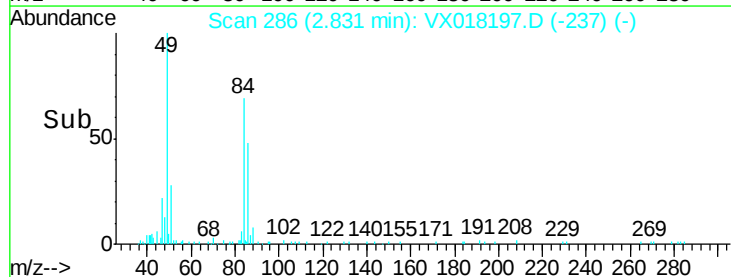
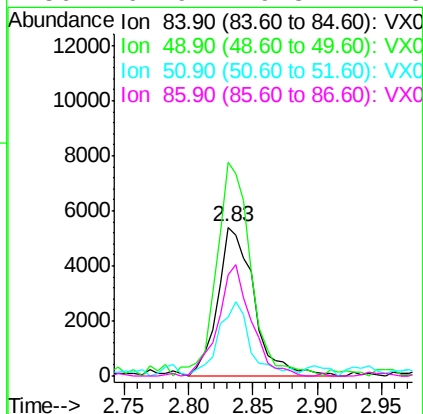
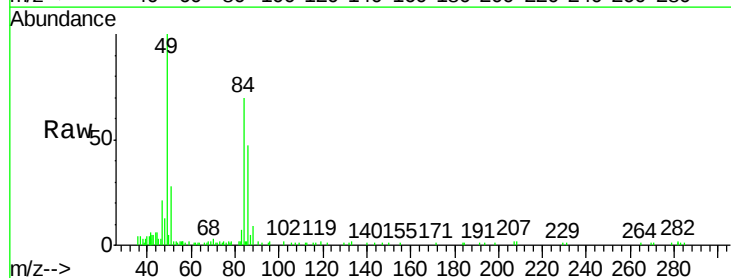
Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#13

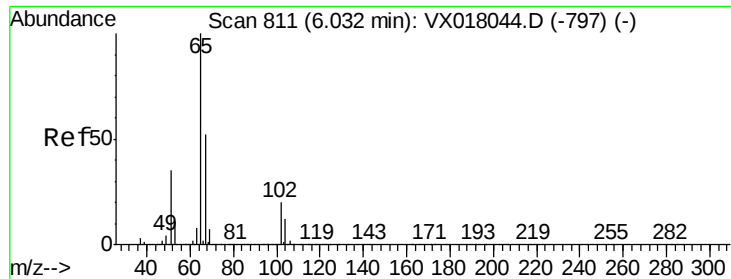
Tot Ion: 43 Resp: 8544
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4



#20
Methylene Chloride
Concen: 1.224 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018197.D
Acq: 01 Sep 2020 17:11

Tgt Ion: 84 Resp: 10759
Ion Ratio Lower Upper
84 100
49 137.1 98.6 148.0
51 38.6 29.6 44.4
86 67.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 54.075 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018197.D

Acq: 01 Sep 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

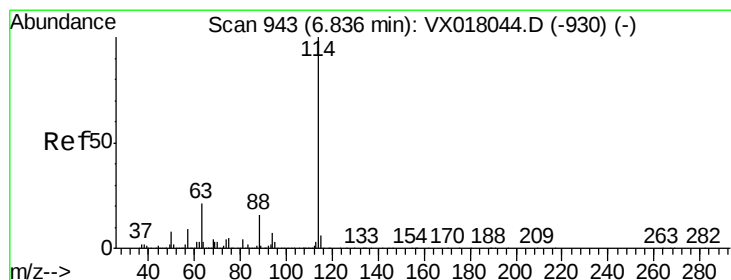
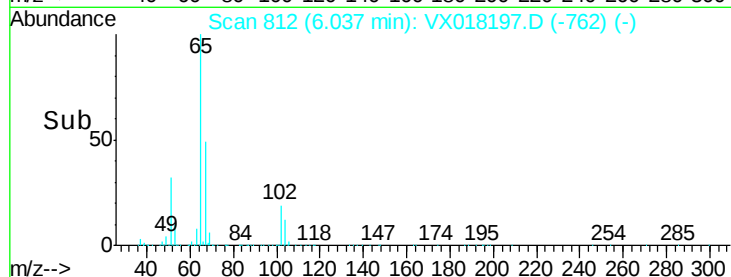
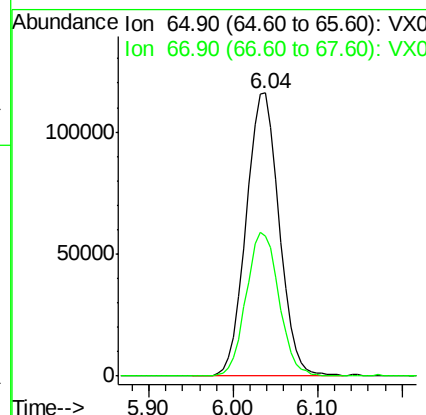
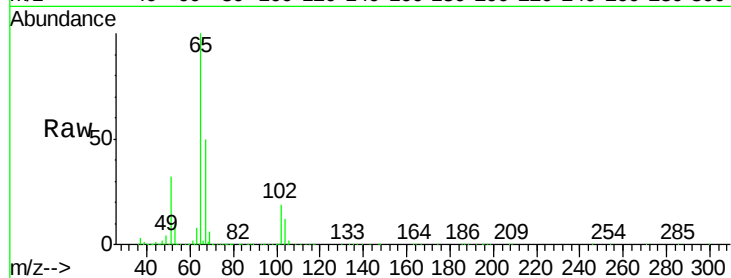
PB131314ZHE#13

Tot Ion: 65 Resp: 308983

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018197.D

Acq: 01 Sep 2020 17:11

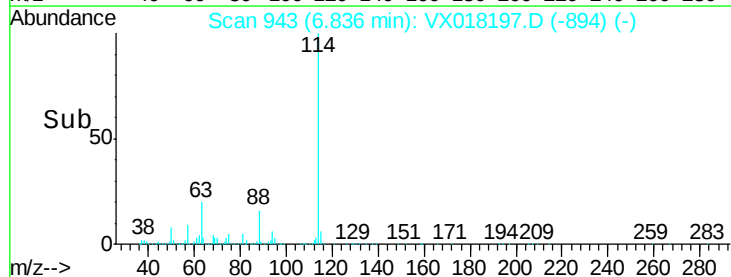
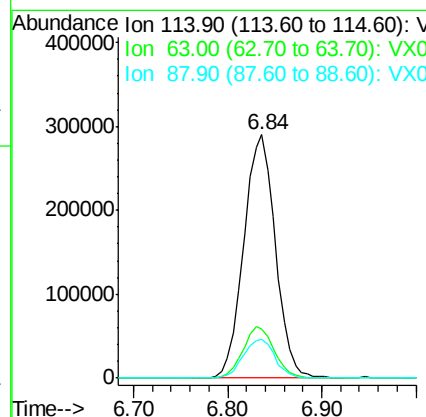
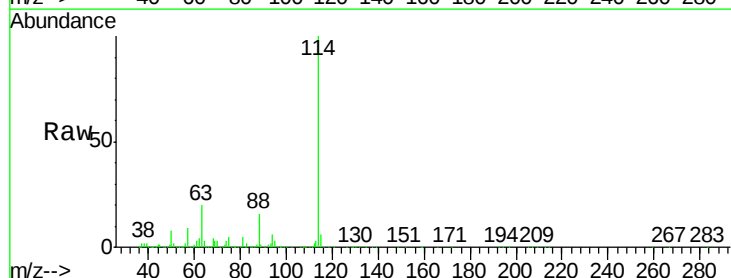
Tgt Ion: 114 Resp: 683556

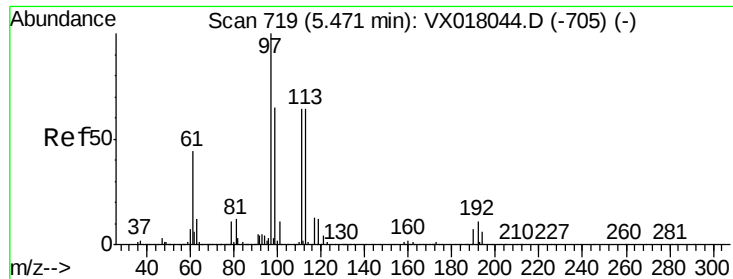
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.9 0.0 31.8

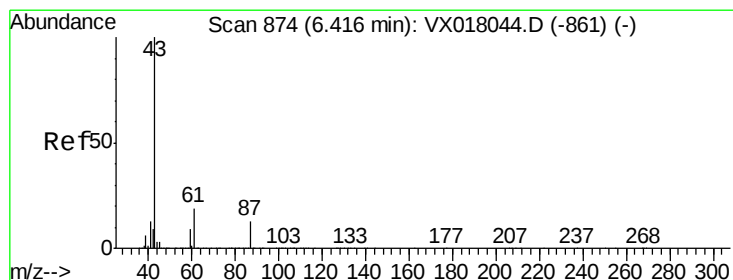
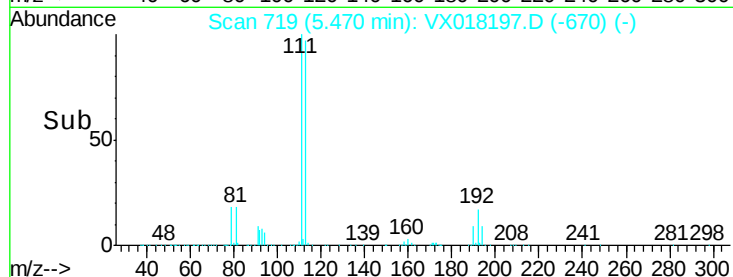
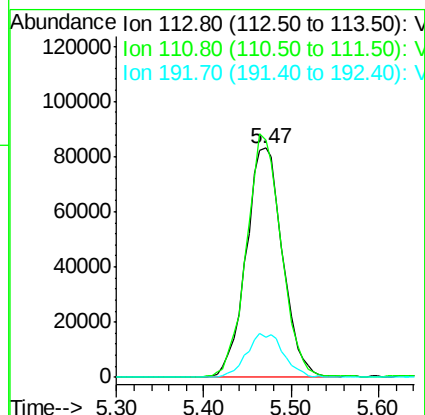
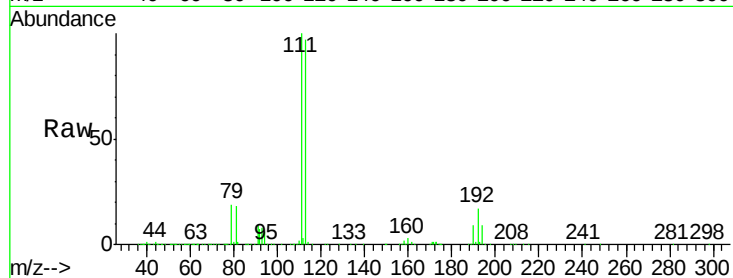




#35
 Dibromofluoromethane
 Concen: 51.641 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018197.D
 Acq: 01 Sep 2020 17:11

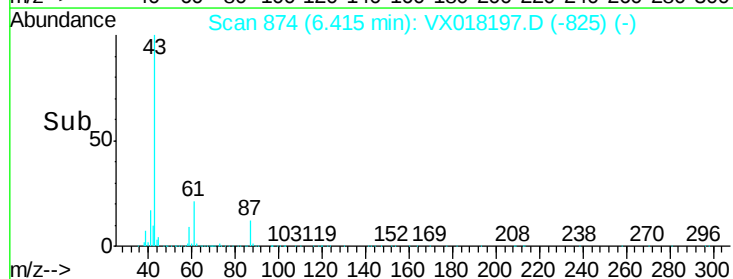
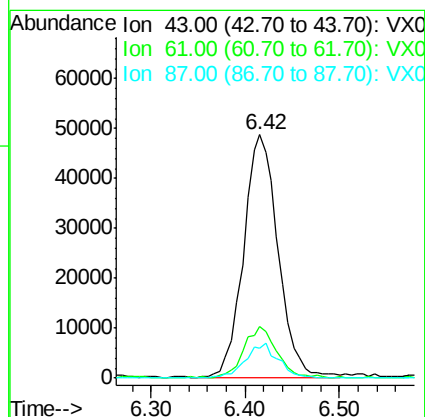
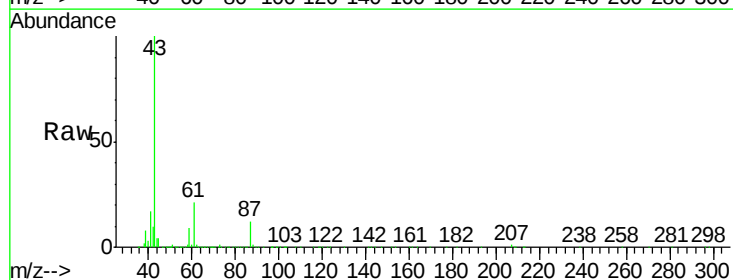
Instrument :
 MSVOA_X
 ClientSampleId :
 PB131314ZHE#13

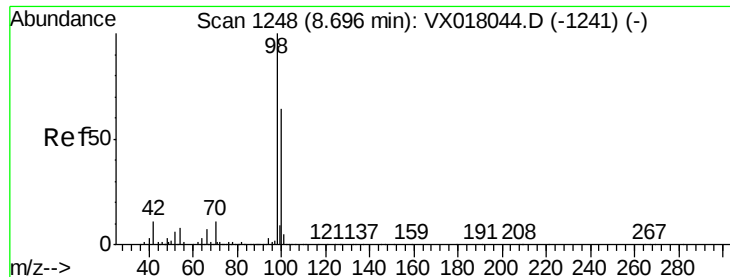
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	19.5	15.8	23.8



#43
 Isopropyl Acetate
 Concen: 10.448 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018197.D
 Acq: 01 Sep 2020 17:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.7	23.5
87	13.6	10.3	15.5





#50

Toluene-d8

Concen: 50.175 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018197.D

Acq: 01 Sep 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

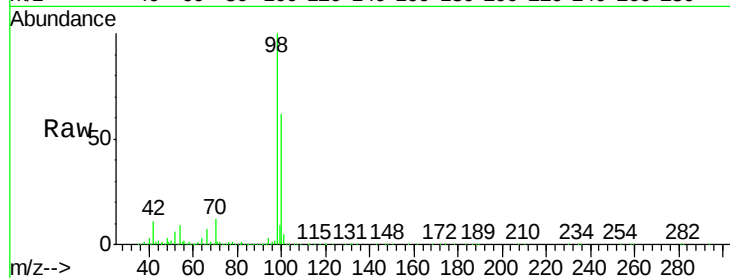
PB131314ZHE#13

Tot Ion: 98 Resp: 869982

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

600000

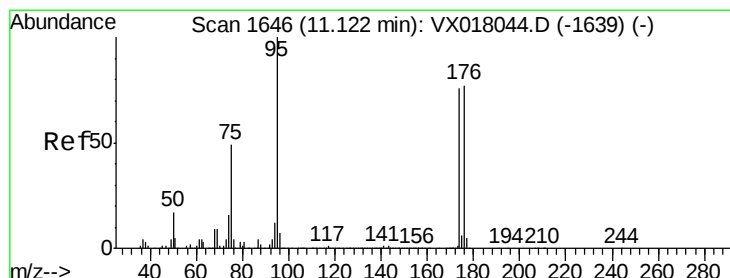
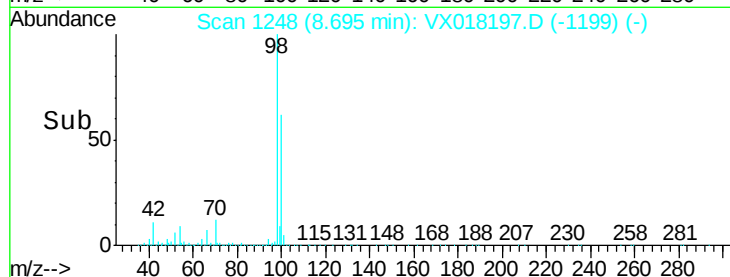
400000

200000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 46.598 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018197.D

Acq: 01 Sep 2020 17:11

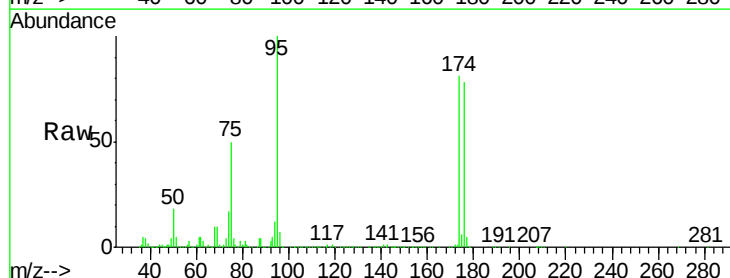
Tgt Ion: 95 Resp: 317884

Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.2

176 78.6 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

11.12

300000

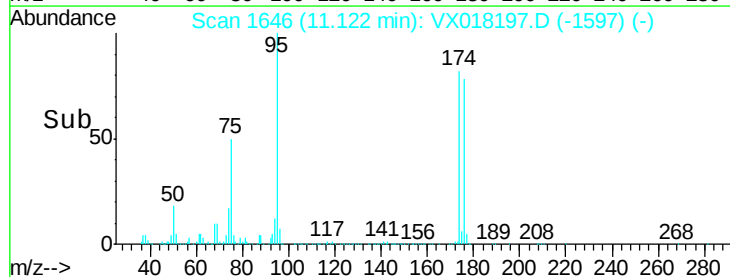
200000

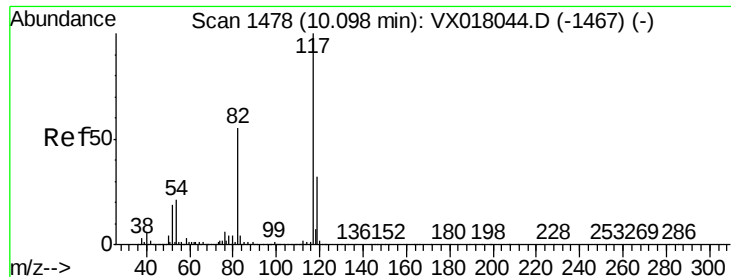
100000

0

Time-->

11.00 11.10 11.20

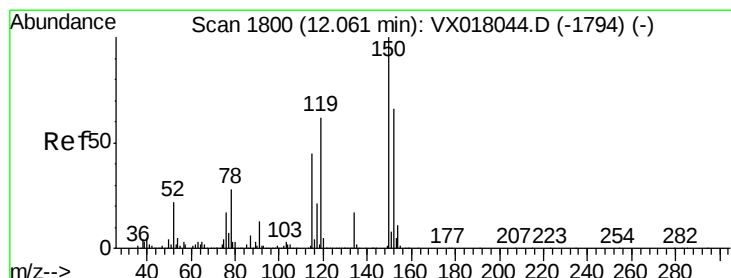
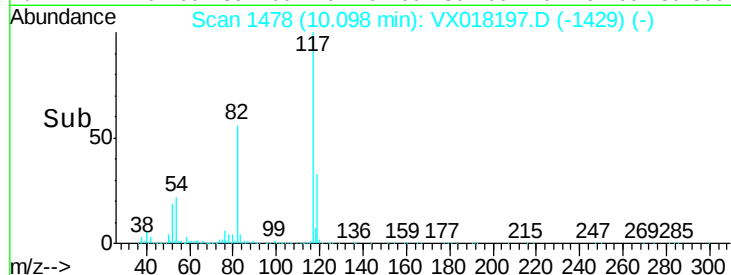
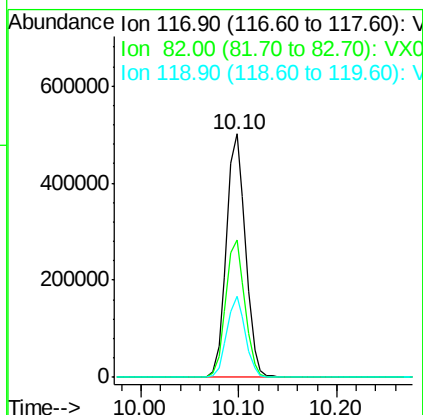
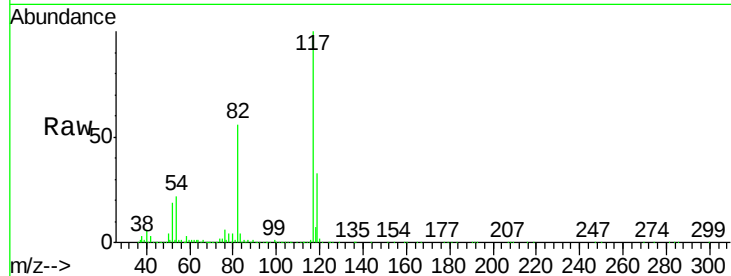




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018197.D
Acq: 01 Sep 2020 17:11

Instrument :
MSVOA_X
ClientSampleId :
PB131314ZHE#13

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.2	66.2
119	33.4	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: VX018197.D
Acq: 01 Sep 2020 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	41.5	124.5
150	161.3	0.0	343.8

