

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017518.D
 Acq On : 24 Jul 2020 02:14
 Operator : JC/SP
 Sample : PB130403ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130403ZHE#08

Quant Time: Jul 24 07:17:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

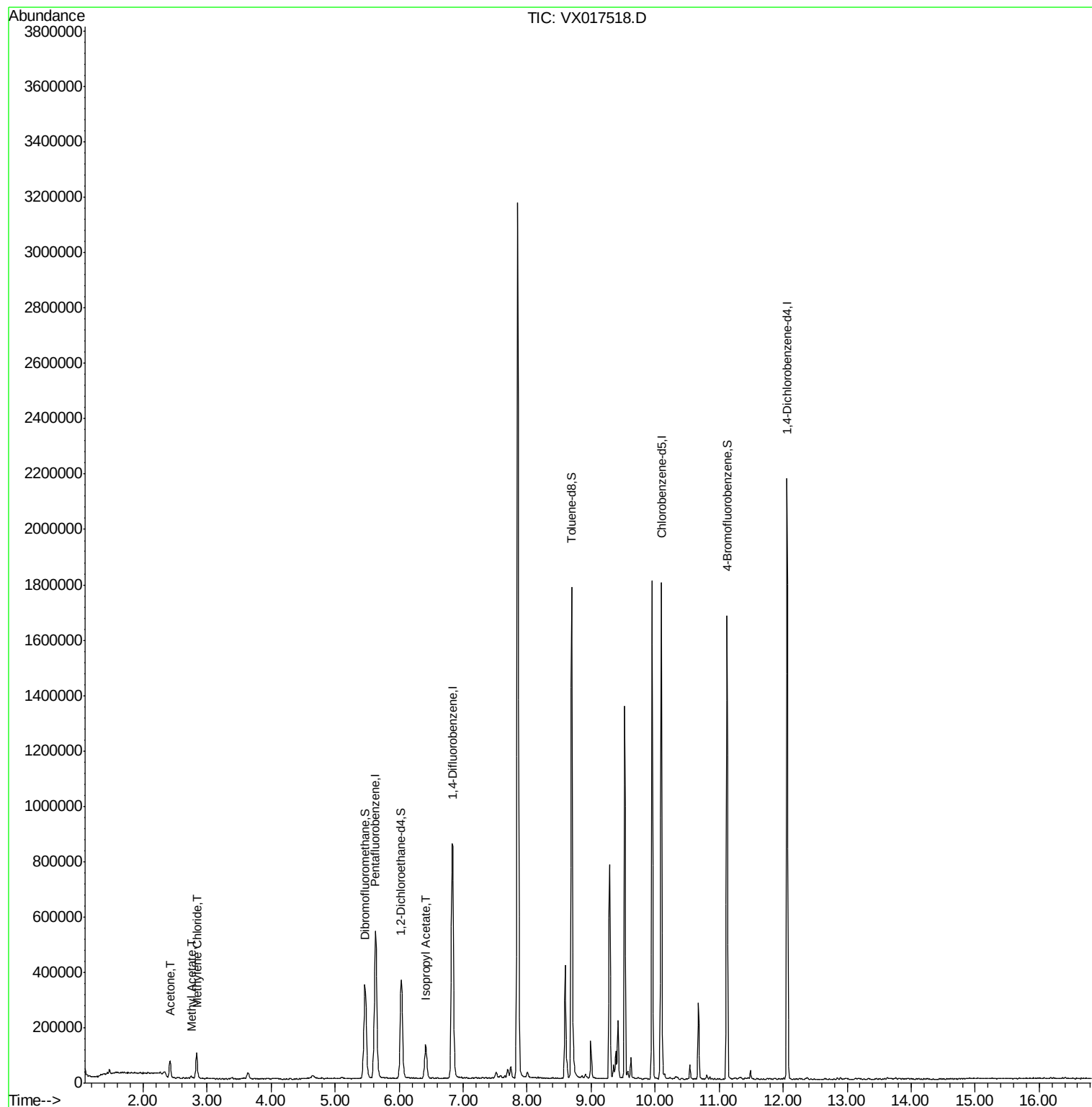
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	502809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	866197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	809784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	434757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	359578	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
35) Dibromofluoromethane	5.46	113	293930	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
50) Toluene-d8	8.70	98	1050950	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	416130	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
Target Compounds						
16) Acetone	2.42	43	71548	25.169	ug/l	94
18) Methyl Acetate	2.75	43	8994	1.343	ug/l	96
20) Methylene Chloride	2.84	84	43887	7.095	ug/l	94
43) Isopropyl Acetate	6.42	43	168007	11.202	ug/l	98

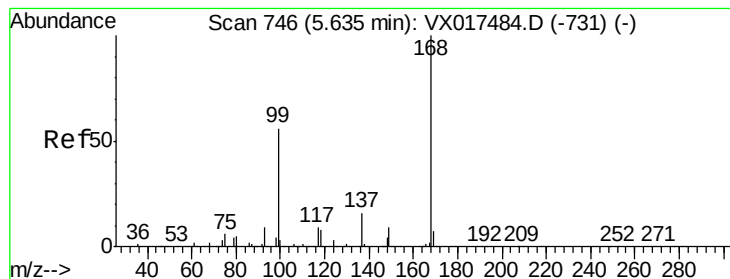
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017518.D

Acq: 24 Jul 2020 02:14

Instrument :

MSVOA_X

ClientSampleId :

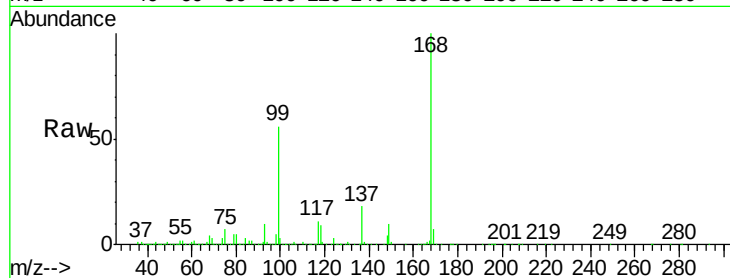
PB130403ZHE#08

Tot Ion:168 Resp: 502809

Ion Ratio Lower Upper

168 100

99 56.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

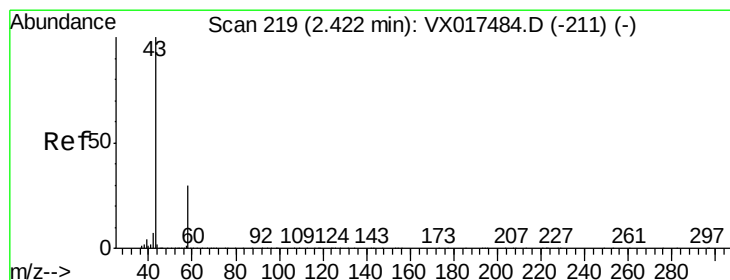
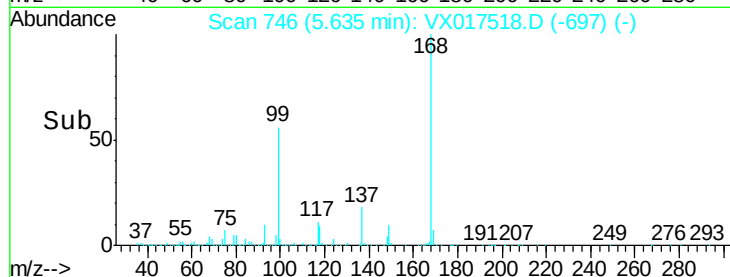
150000

100000

50000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 25.169 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017518.D

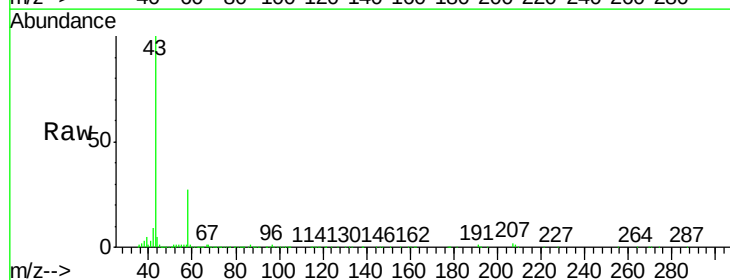
Acq: 24 Jul 2020 02:14

Tgt Ion: 43 Resp: 71548

Ion Ratio Lower Upper

43 100

58 27.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

50000

40000

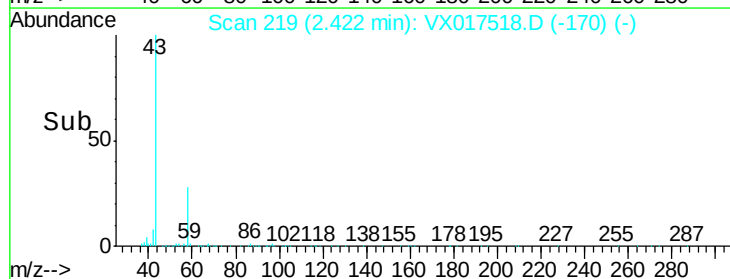
30000

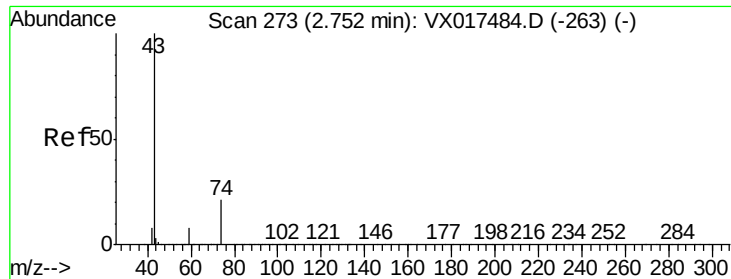
20000

10000

0

Time--> 2.35 2.40 2.45 2.50

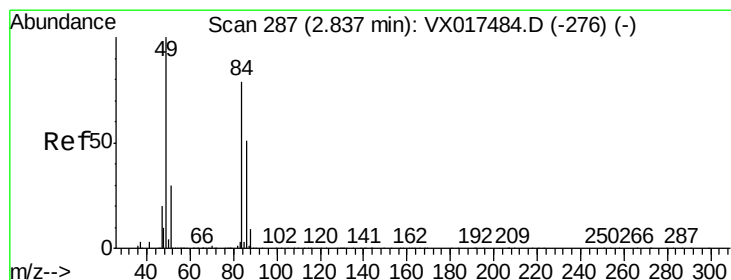
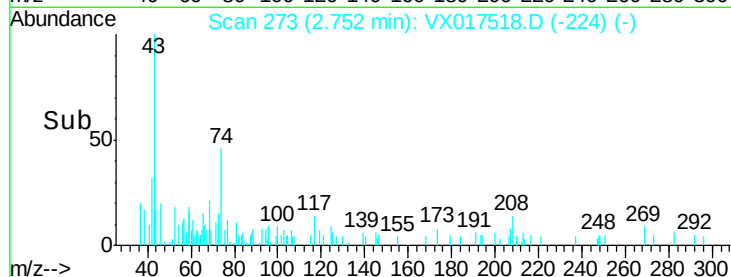
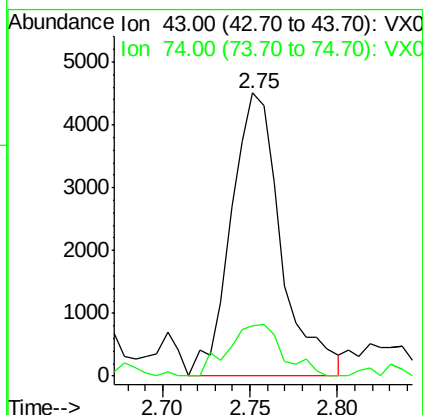
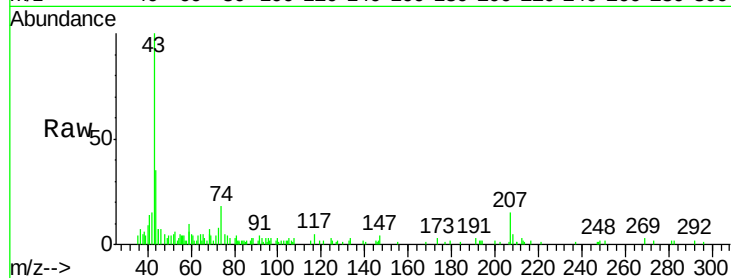




#18
Methyl Acetate
Concen: 1.343 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017518.D
Acq: 24 Jul 2020 02:14

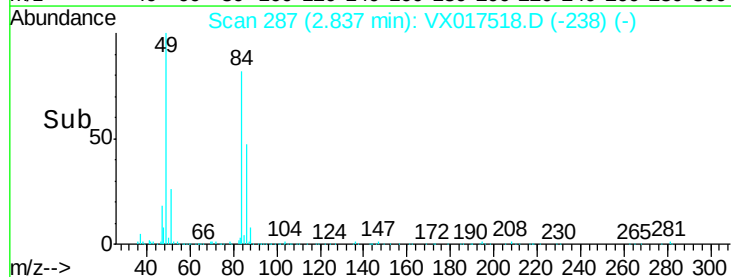
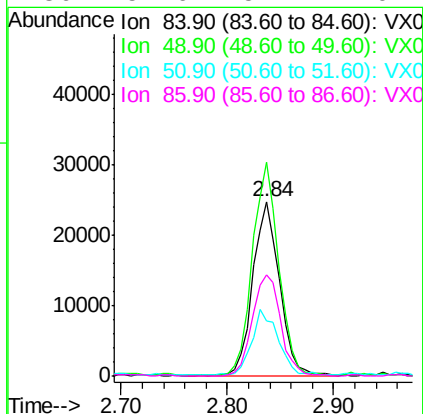
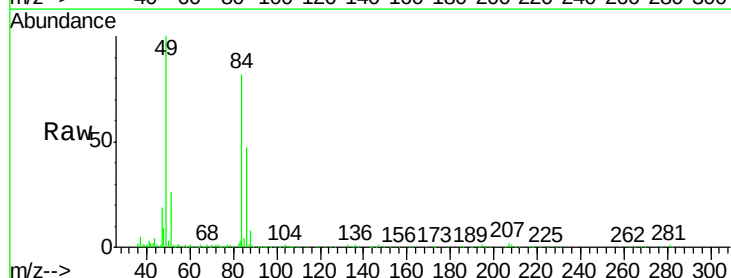
Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#08

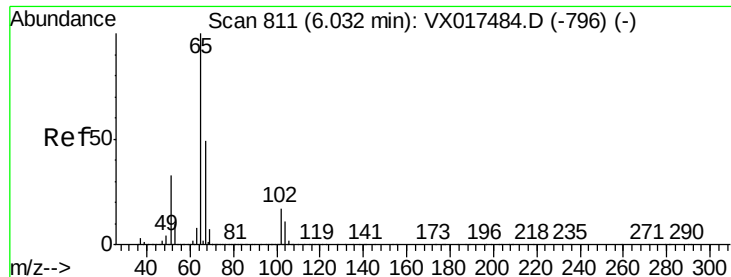
Tot Ion: 43 Resp: 8994
Ion Ratio Lower Upper
43 100
74 20.0 17.5 26.3



#20
Methylene Chloride
Concen: 7.095 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017518.D
Acq: 24 Jul 2020 02:14

Tgt Ion: 84 Resp: 43887
Ion Ratio Lower Upper
84 100
49 121.6 100.3 150.5
51 30.7 30.5 45.7
86 57.6 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 55.673 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017518.D

Acq: 24 Jul 2020 02:14

Instrument :

MSVOA_X

ClientSampleId :

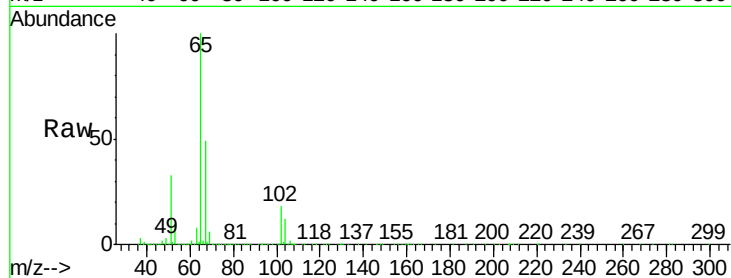
PB130403ZHE#08

Tot Ion: 65 Resp: 359578

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

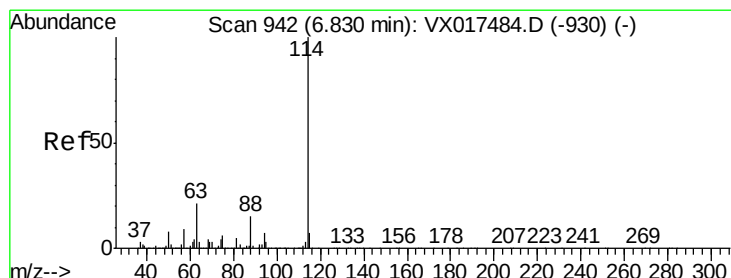
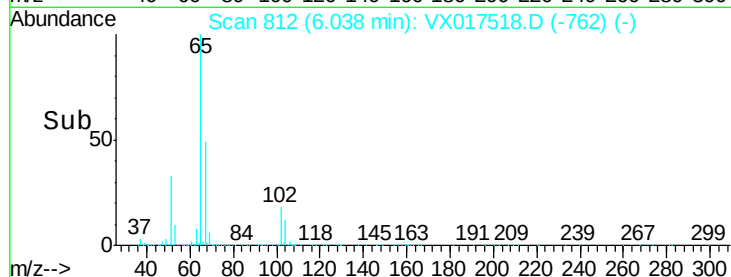
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017518.D

Acq: 24 Jul 2020 02:14

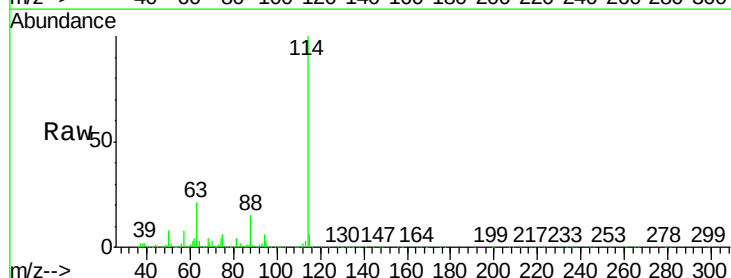
Tgt Ion: 114 Resp: 866197

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

88 15.4 0.0 33.4



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

500000

400000

300000

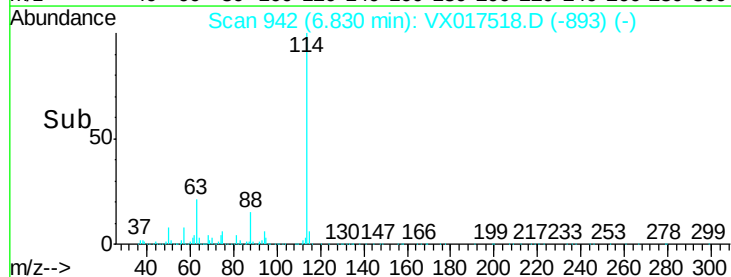
200000

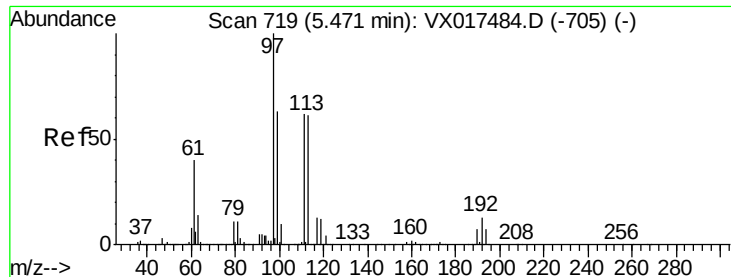
100000

0

Time-->

6.70 6.80 6.90 7.00

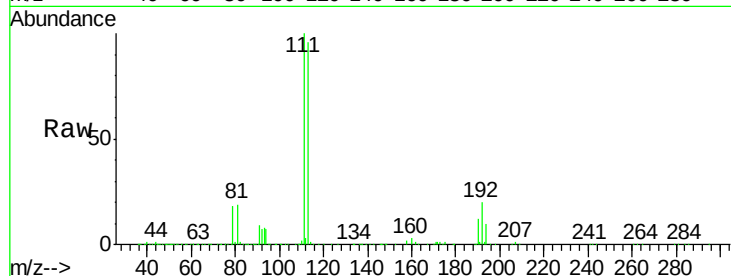




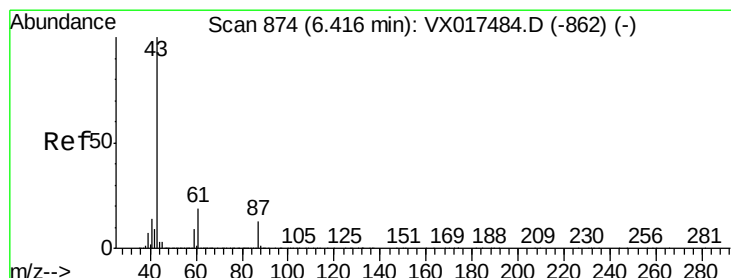
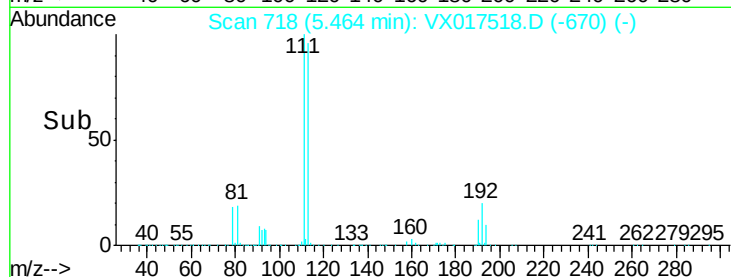
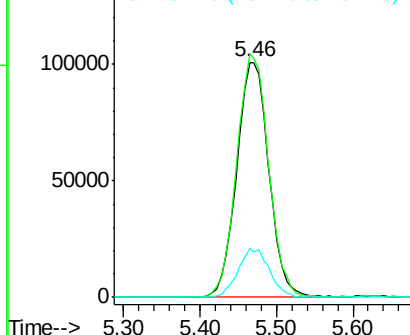
#35
Dibromofluoromethane
Concen: 50.737 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017518.D
Acq: 24 Jul 2020 02:14

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#08

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	20.7	16.9	25.3

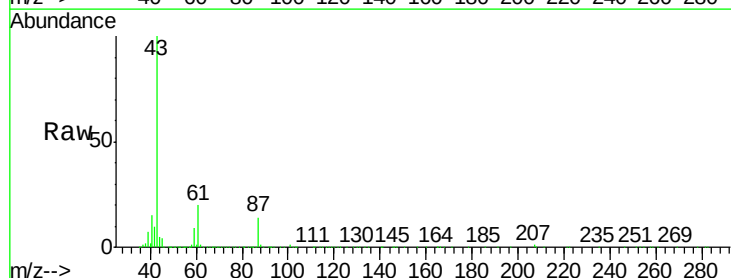


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

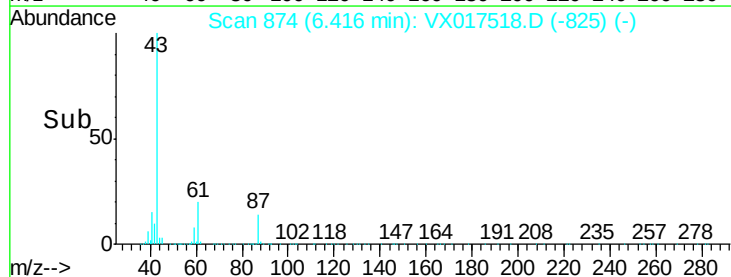
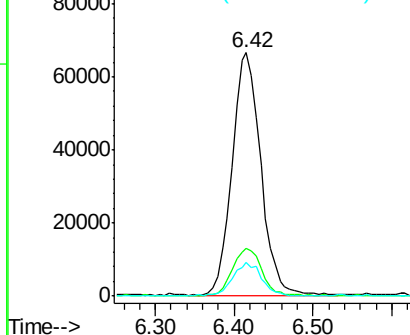


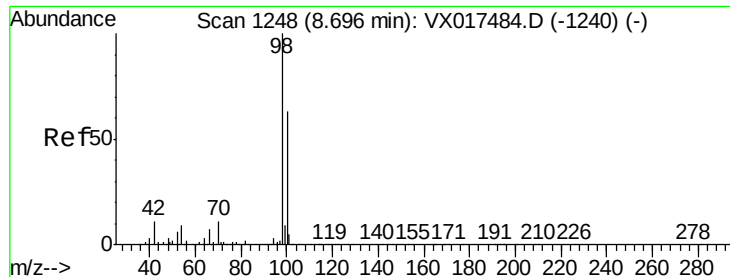
#43
Isopropyl Acetate
Concen: 11.202 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017518.D
Acq: 24 Jul 2020 02:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.5	23.3
87	13.9	10.5	15.7



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: 50.288 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017518.D

Acq: 24 Jul 2020 02:14

Instrument :

MSVOA_X

ClientSampleId :

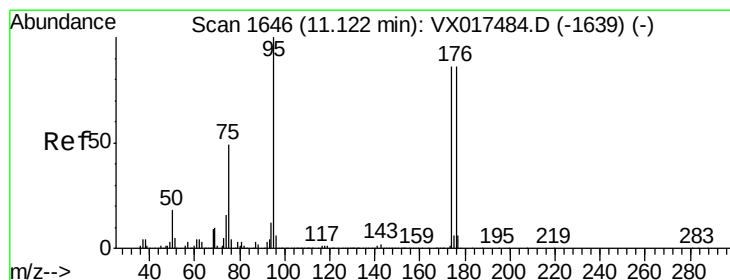
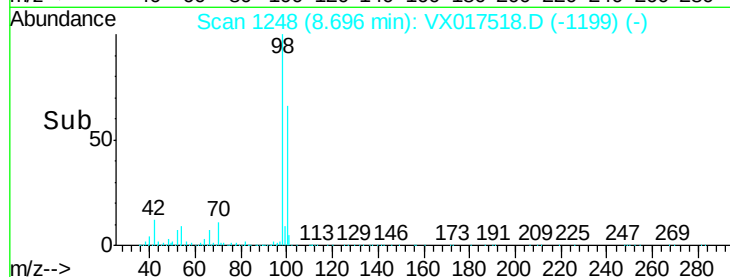
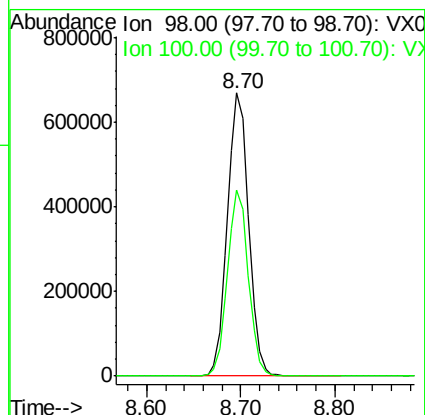
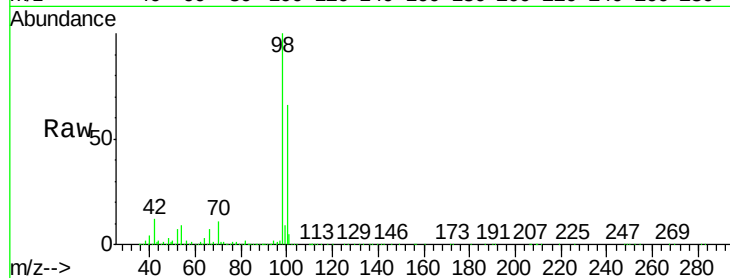
PB130403ZHE#08

Tot Ion: 98 Resp: 1050950

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.754 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017518.D

Acq: 24 Jul 2020 02:14

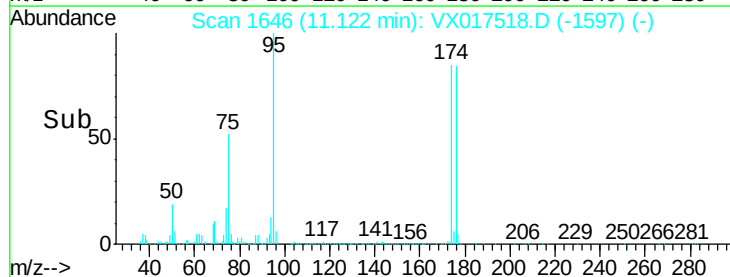
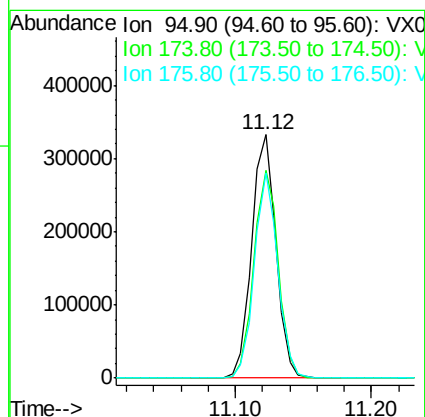
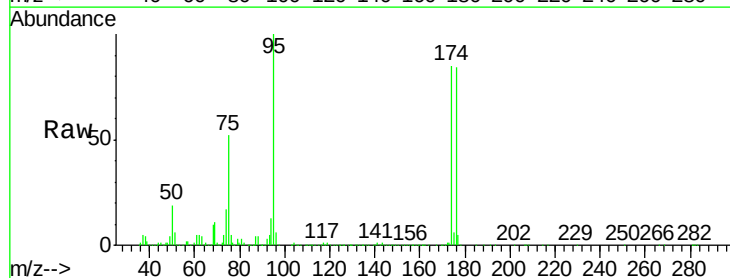
Tgt Ion: 95 Resp: 416130

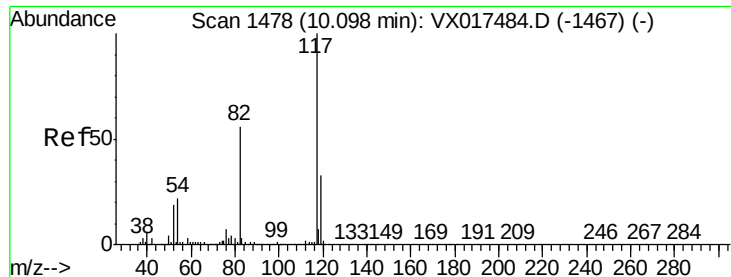
Ion Ratio Lower Upper

95 100

174 86.7 0.0 169.0

176 81.7 0.0 161.0

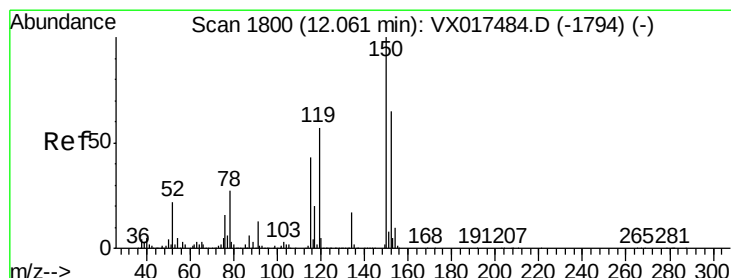
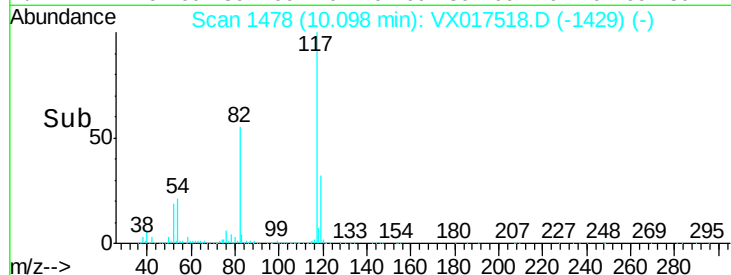
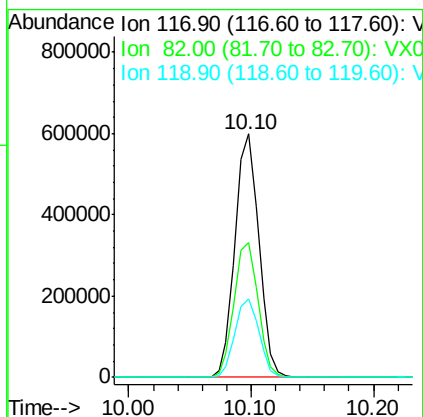
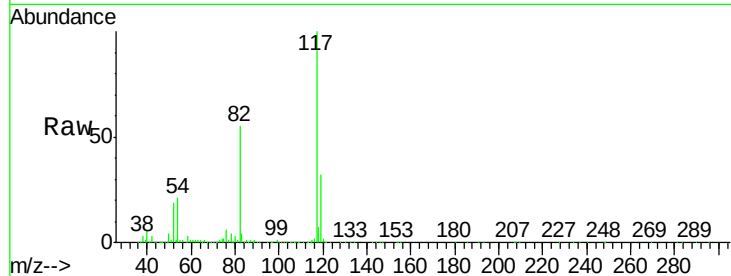




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017518.D
Acq: 24 Jul 2020 02:14

Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#08

Tot Ion:117 Resp: 809784
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017518.D
Acq: 24 Jul 2020 02:14

Tgt Ion:152 Resp: 434757
Ion Ratio Lower Upper
152 100
115 58.1 65.5 196.6#
150 159.0 0.0 412.6

