

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071420\
 Data File : VX017376.D
 Acq On : 14 Jul 2020 14:11
 Operator : JC/SP
 Sample : PB130122TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130122TB

Quant Time: Jul 15 01:49:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

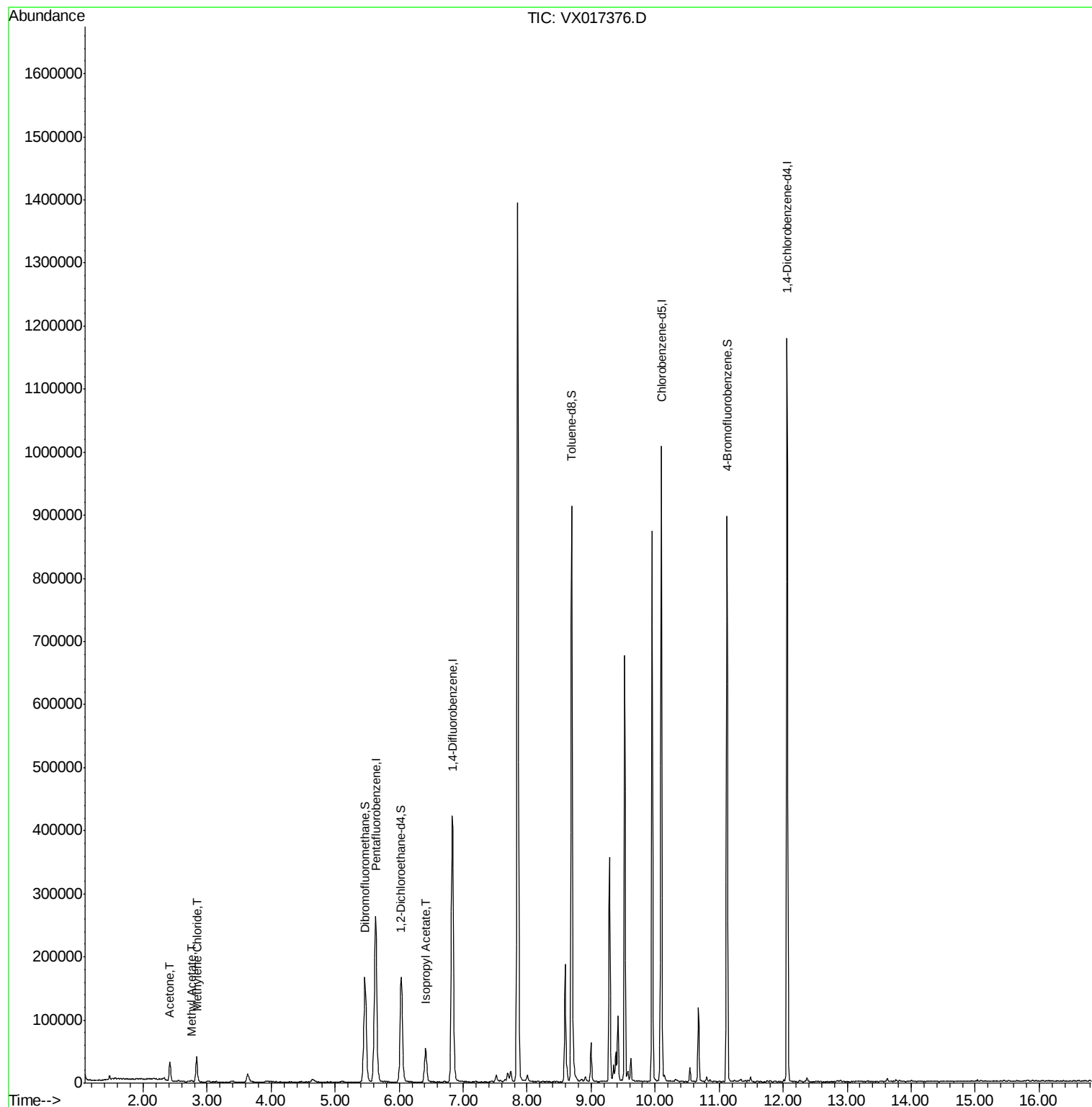
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	255693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	459659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	161006	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	5.47	113	139005	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	8.70	98	529531	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.12	95	224712	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
Target Compounds						
16) Acetone	2.42	43	32436	28.331	ug/l	99
18) Methyl Acetate	2.75	43	3801	1.344	ug/l	97
20) Methylene Chloride	2.84	84	18129	6.490	ug/l	98
43) Isopropyl Acetate	6.42	43	69999	10.853	ug/l	99

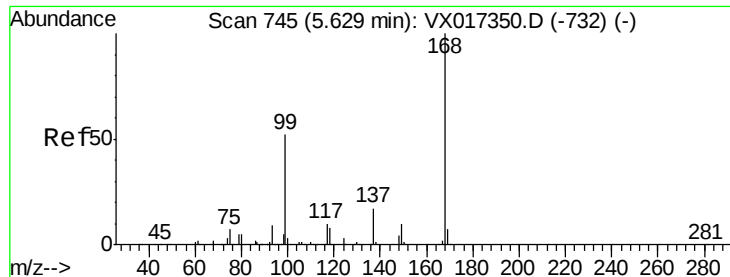
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017376.D

Acq: 14 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

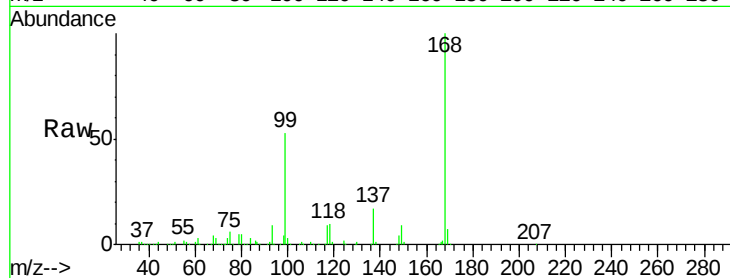
PB130122TB

Tot Ion:168 Resp: 255693

Ion Ratio Lower Upper

168 100

99 53.1 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

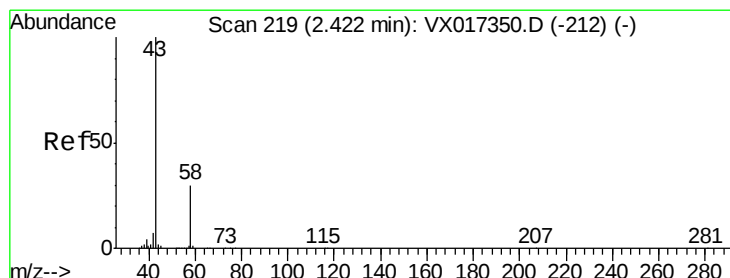
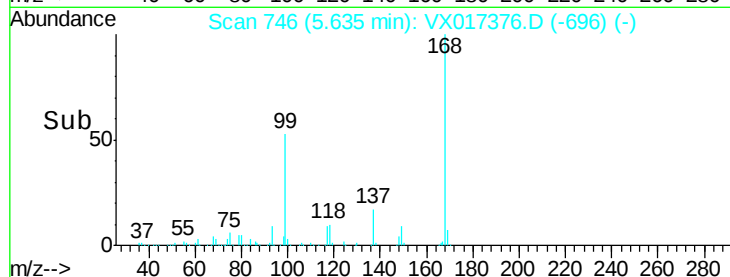
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 28.331 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017376.D

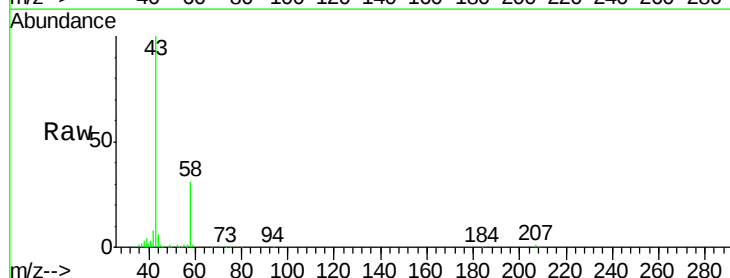
Acq: 14 Jul 2020 14:11

Tgt Ion: 43 Resp: 32436

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

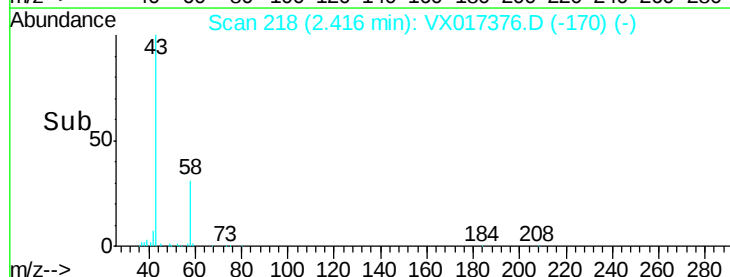
10000

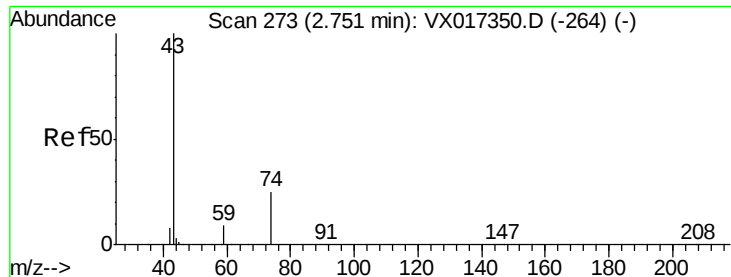
5000

0

Time-->

2.30 2.40 2.50

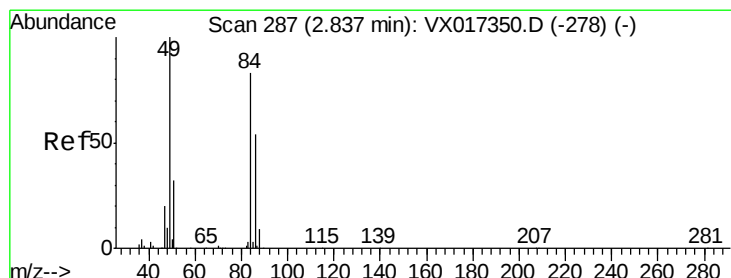
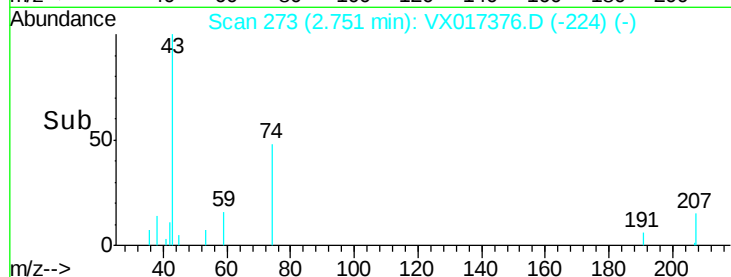
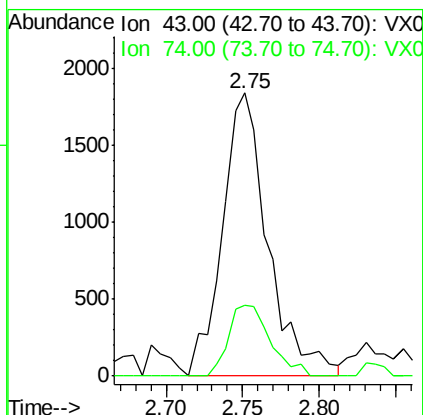
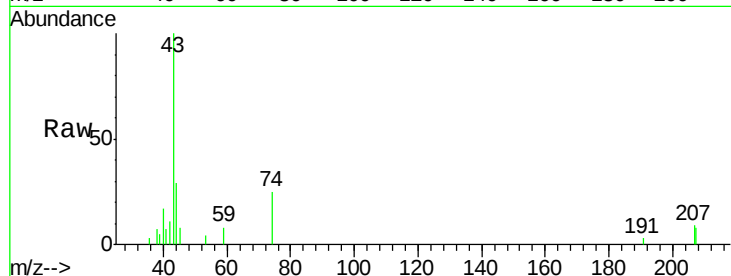




#18
Methvl Acetate
Concen: 1.344 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017376.D
Acq: 14 Jul 2020 14:11

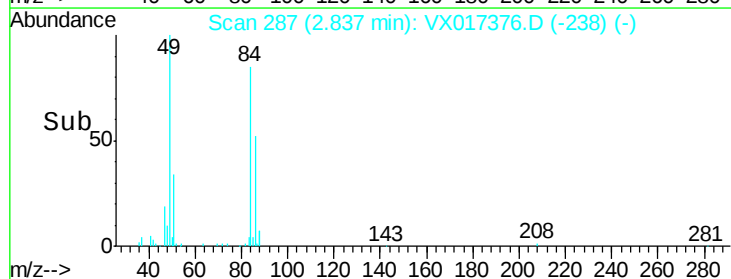
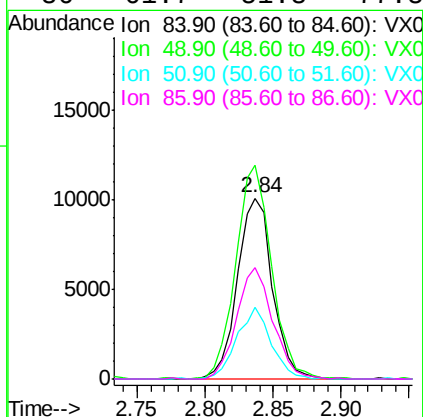
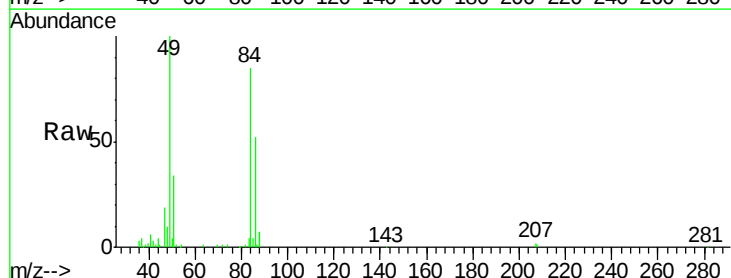
Instrument :
MSVOA_X
ClientSampleId :
PB130122TB

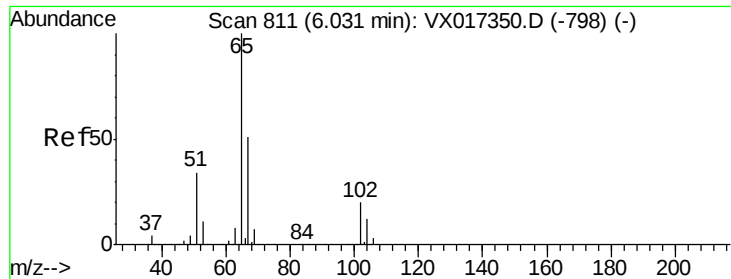
Tot Ion: 43 Resp: 3801
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2



#20
Methylene Chloride
Concen: 6.490 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017376.D
Acq: 14 Jul 2020 14:11

Tgt Ion: 84 Resp: 18129
Ion Ratio Lower Upper
84 100
49 118.3 95.8 143.8
51 39.8 31.0 46.4
86 61.7 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 50.171 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017376.D

Acq: 14 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

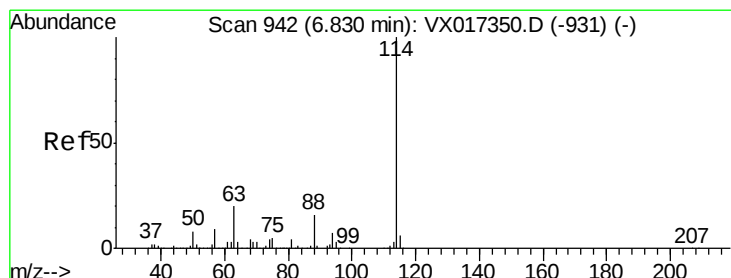
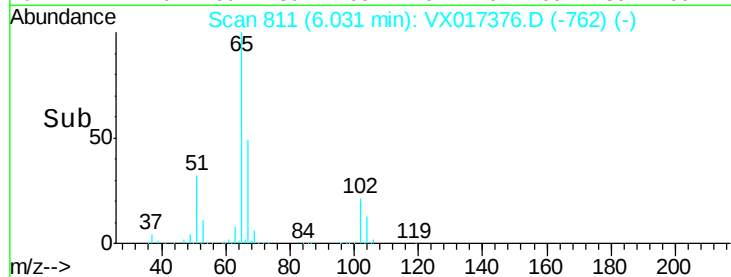
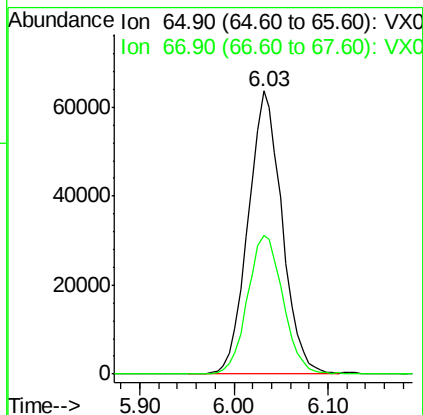
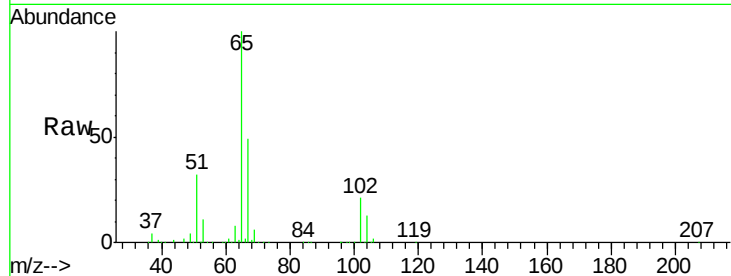
PB130122TB

Tot Ion: 65 Resp: 161006

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017376.D

Acq: 14 Jul 2020 14:11

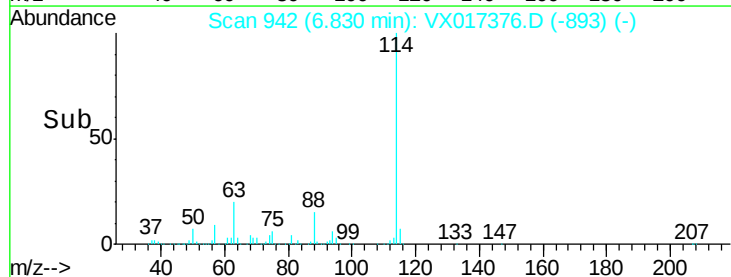
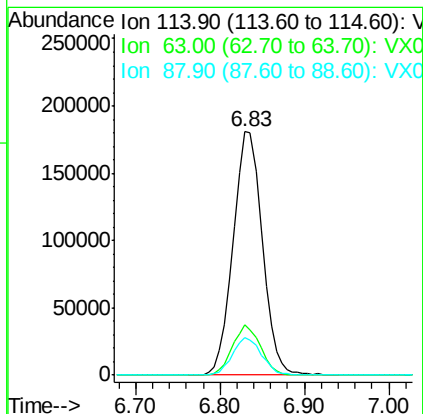
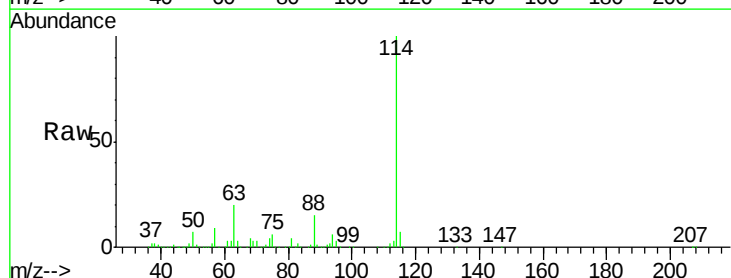
Tgt Ion: 114 Resp: 424340

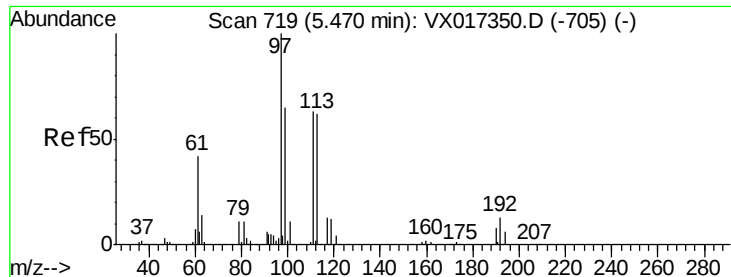
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.630 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017376.D

Acq: 14 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

PB130122TB

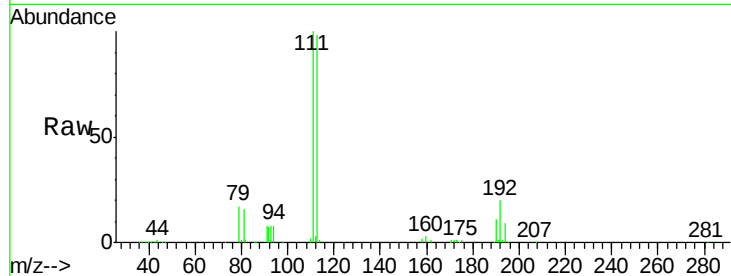
Tot Ion:113 Resp: 139005

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

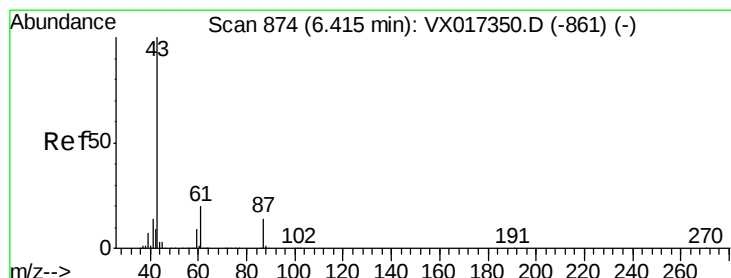
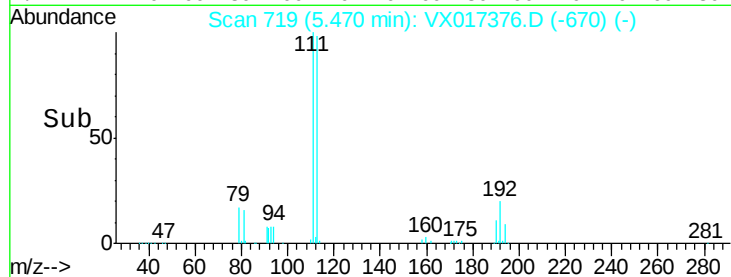
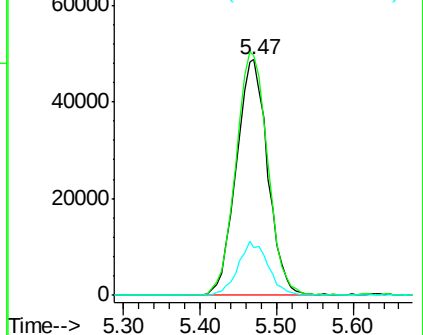
192 21.9 17.2 25.8



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: 10.853 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017376.D

Acq: 14 Jul 2020 14:11

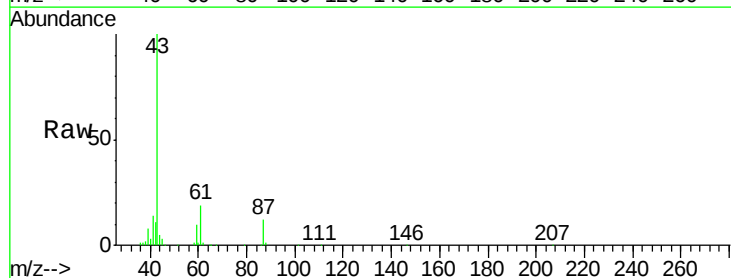
Tgt Ion: 43 Resp: 69999

Ion Ratio Lower Upper

43 100

61 20.0 16.4 24.6

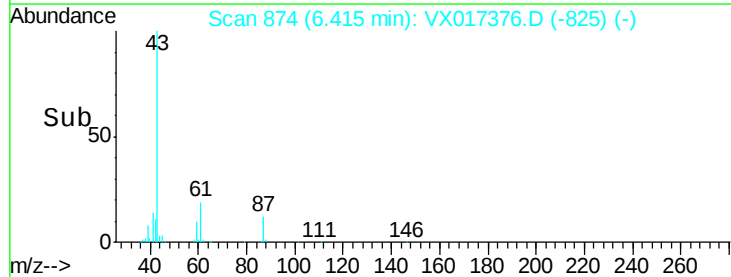
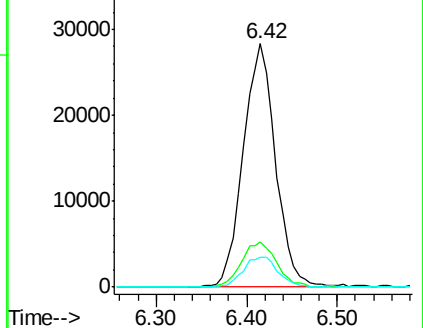
87 13.2 11.2 16.8

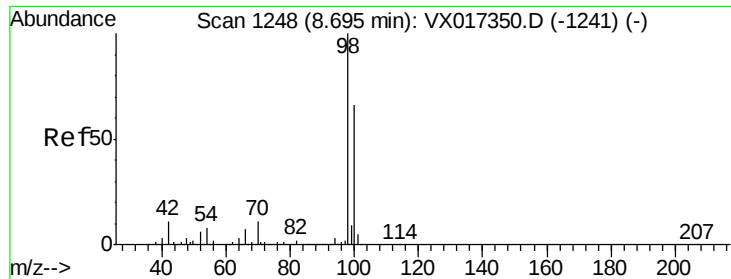


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.357 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017376.D

Acq: 14 Jul 2020 14:11

Instrument :

MSVOA_X

ClientSampleId :

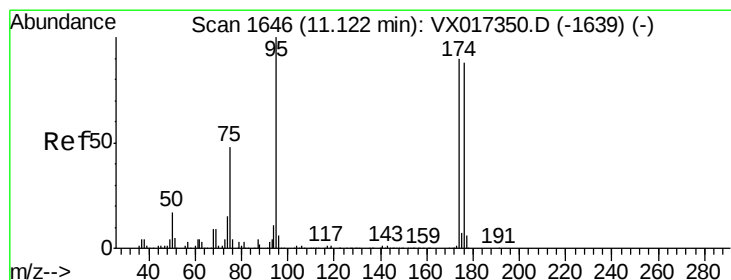
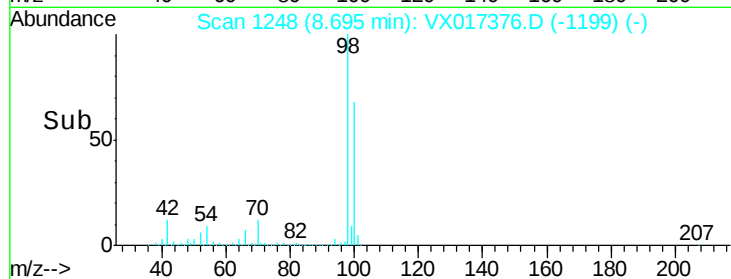
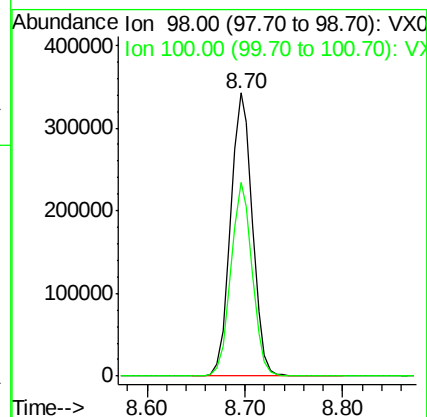
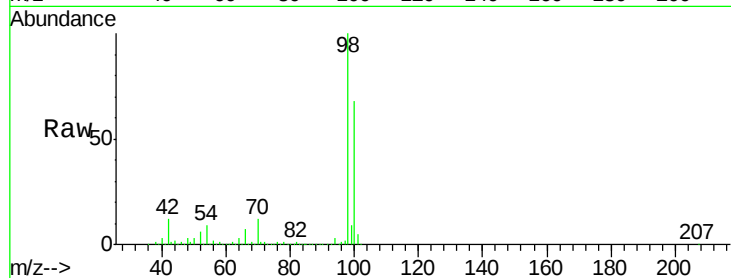
PB130122TB

Tot Ion: 98 Resp: 529531

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 54.866 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017376.D

Acq: 14 Jul 2020 14:11

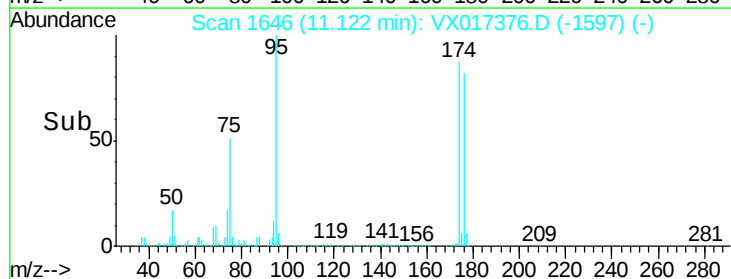
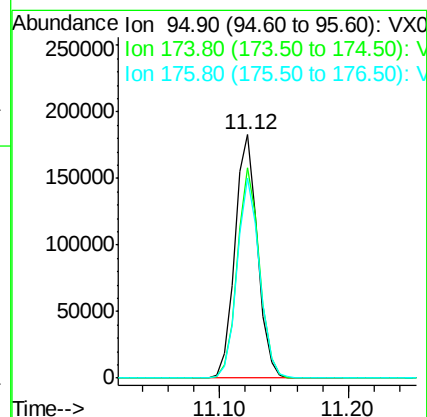
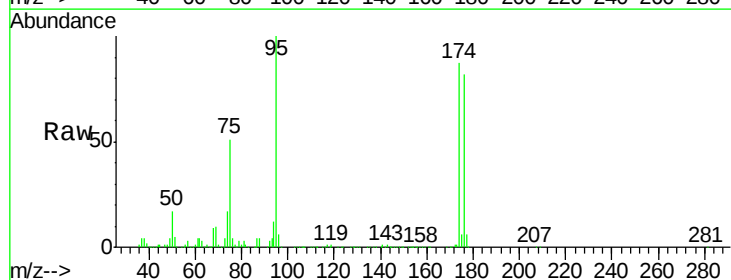
Tgt Ion: 95 Resp: 224712

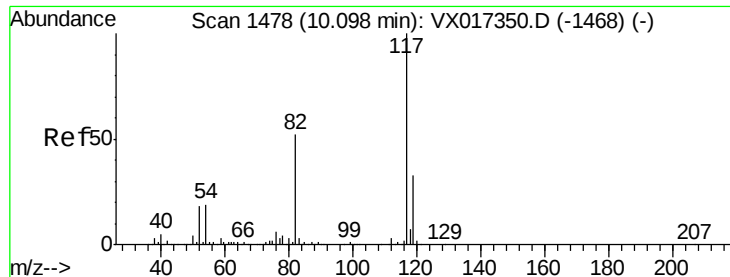
Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.8

176 81.6 0.0 164.6

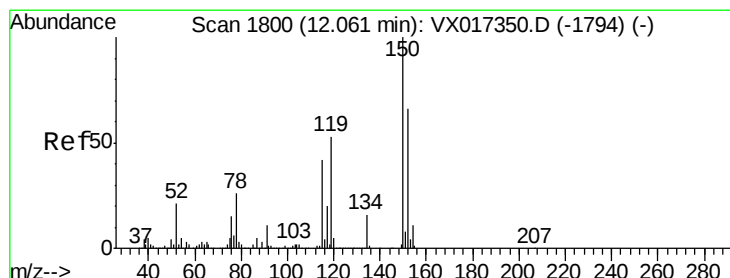
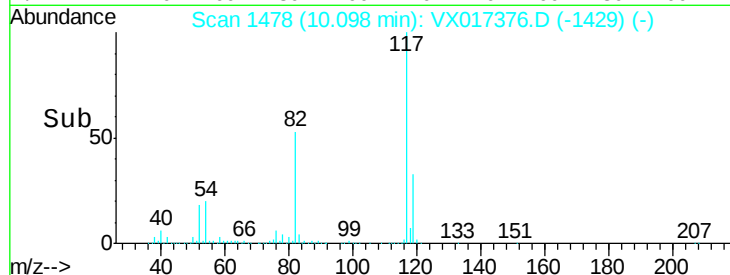
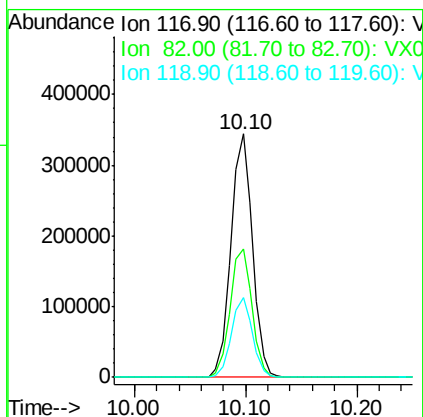
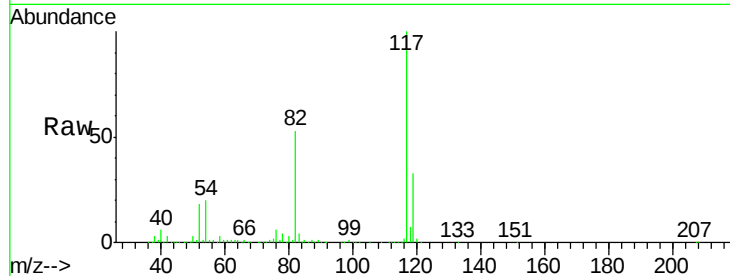




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017376.D
Acq: 14 Jul 2020 14:11

Instrument :
MSVOA_X
ClientSampleId :
PB130122TB

Tot Ion:117 Resp: 459659
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017376.D
Acq: 14 Jul 2020 14:11

Tgt Ion:152 Resp: 243820
Ion Ratio Lower Upper
152 100
115 58.0 39.9 119.7
150 156.5 0.0 343.4

