

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017396.D
 Acq On : 16 Jul 2020 17:14
 Operator : JC/SP
 Sample : PB130232ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130232ZHE#02

Quant Time: Jul 17 02:01:29 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

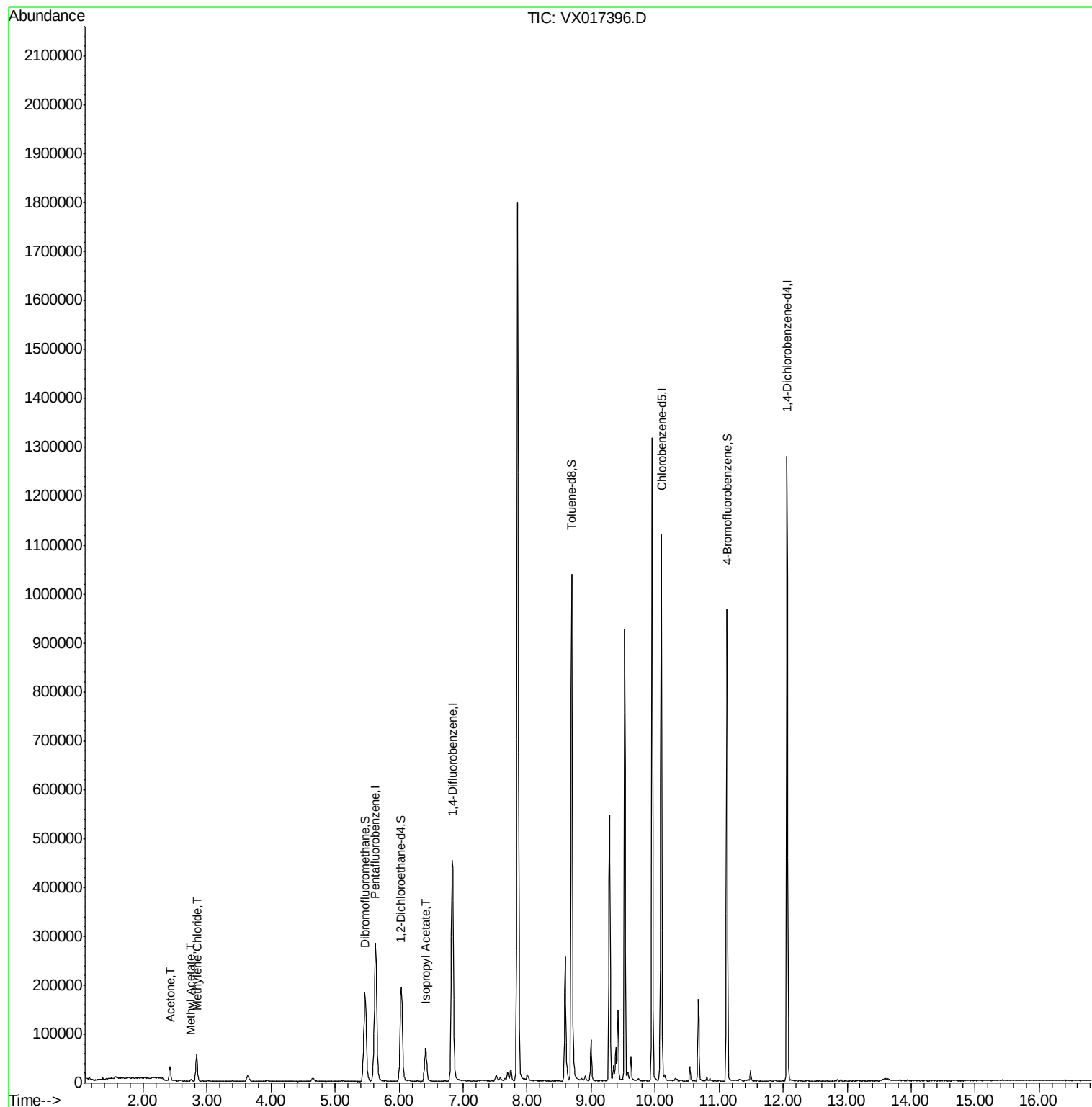
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	265371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	462025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	511509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	254179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	181618	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	5.47	113	158236	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.70	98	604139	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	11.12	95	240531	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
Target Compounds						
16) Acetone	2.42	43	31270	26.317	ug/l	95
18) Methyl Acetate	2.75	43	3541	1.207	ug/l #	80
20) Methylene Chloride	2.84	84	25402	8.762	ug/l	90
43) Isopropyl Acetate	6.41	43	91281	12.998	ug/l	100

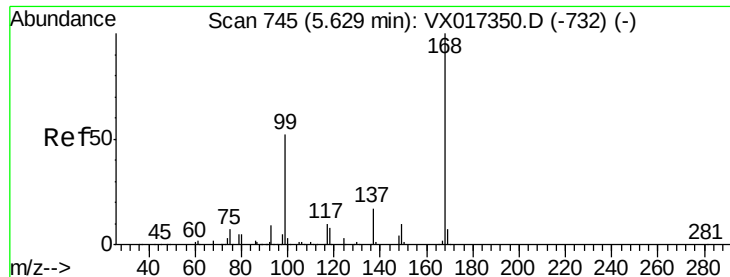
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017396.D

Acq: 16 Jul 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

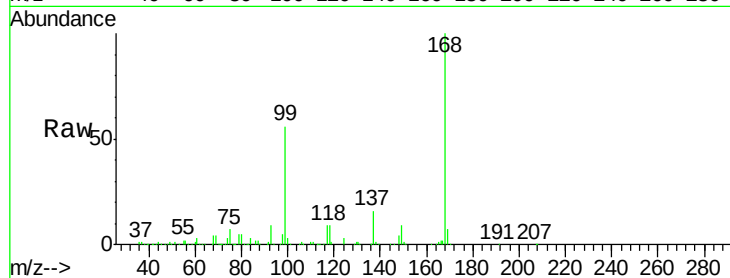
PB130232ZHE#02

Tot Ion:168 Resp: 265371

Ion Ratio Lower Upper

168 100

99 55.7 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

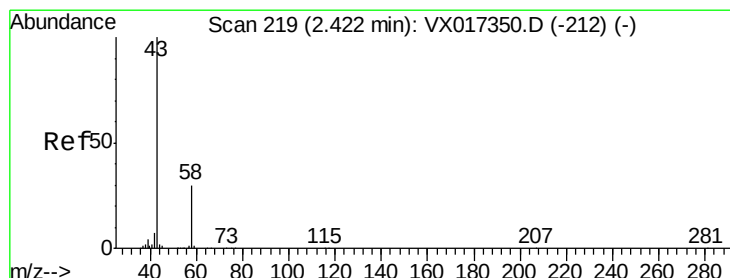
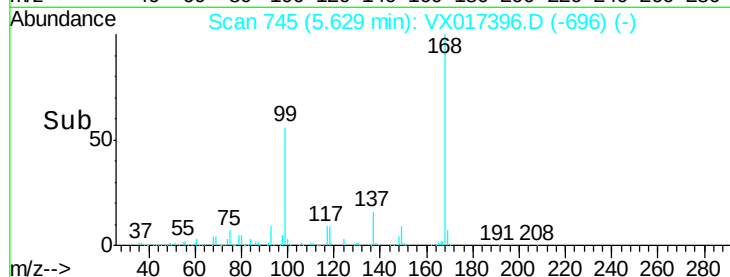
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 26.317 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017396.D

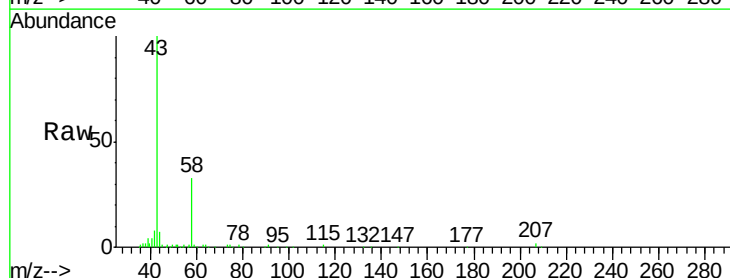
Acq: 16 Jul 2020 17:14

Tgt Ion: 43 Resp: 31270

Ion Ratio Lower Upper

43 100

58 32.8 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

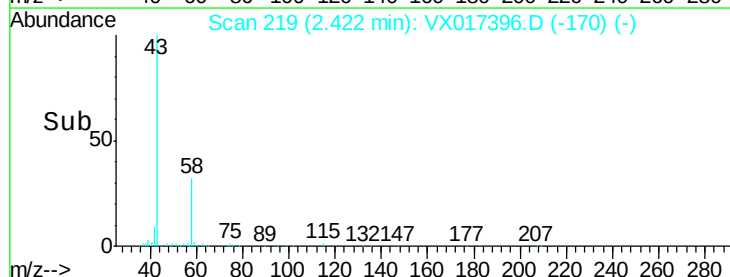
10000

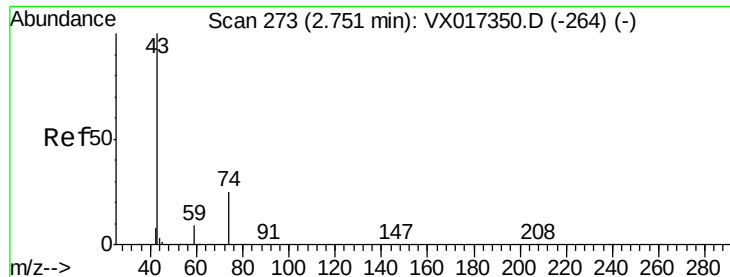
5000

0

Time-->

2.35 2.40 2.45 2.50

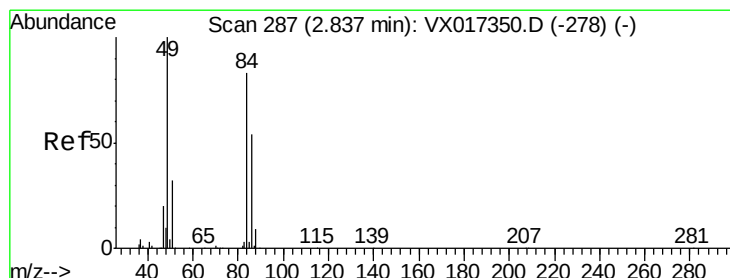
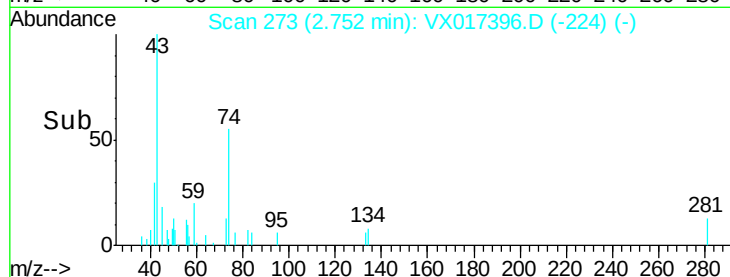
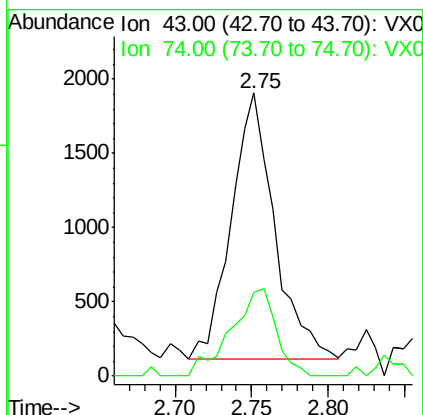
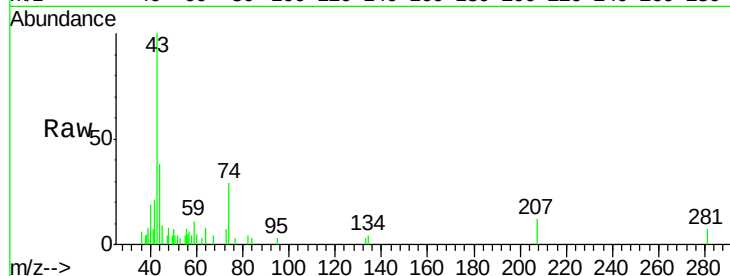




#18
Methvl Acetate
Concen: 1.207 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

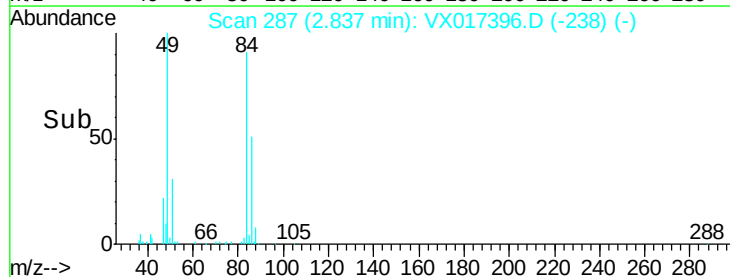
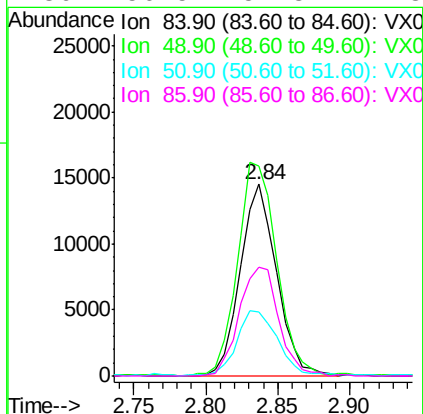
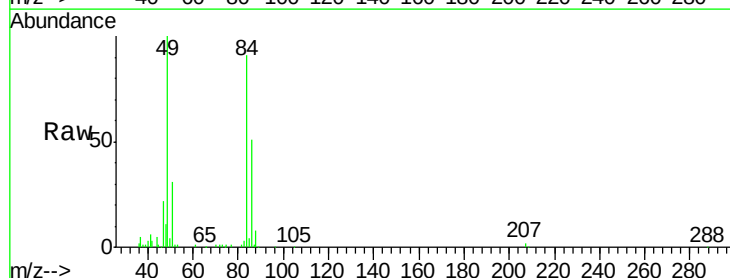
Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

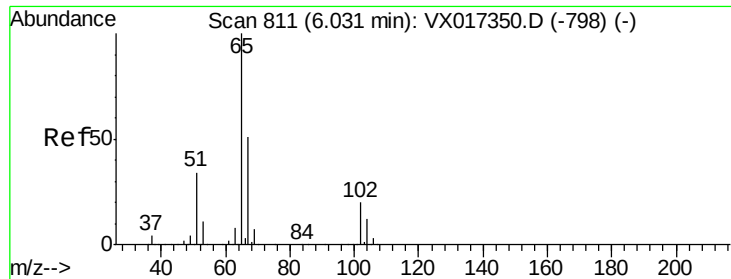
Tot Ion: 43 Resp: 3541
Ion Ratio Lower Upper
43 100
74 34.0 19.4 29.2#



#20
Methylene Chloride
Concen: 8.762 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion: 84 Resp: 25402
Ion Ratio Lower Upper
84 100
49 109.9 95.8 143.8
51 32.9 31.0 46.4
86 56.5 51.8 77.8

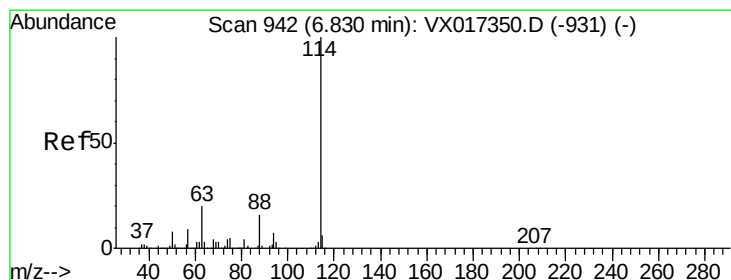
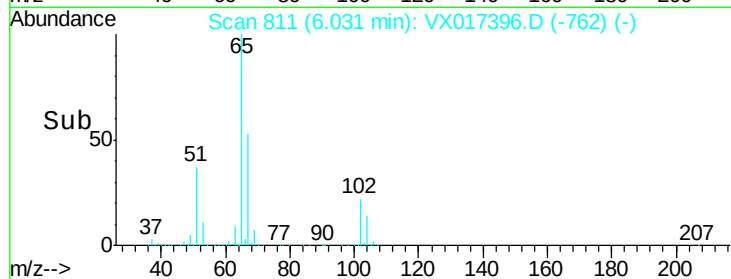
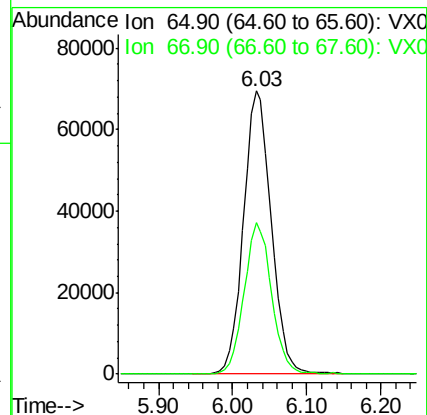
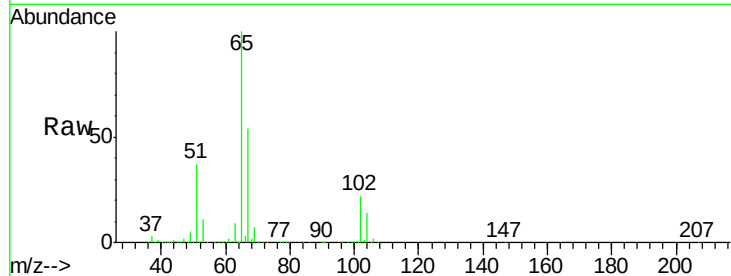




#33
 1,2-Dichloroethane-d4
 Concen: 54.530 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017396.D
 Acq: 16 Jul 2020 17:14

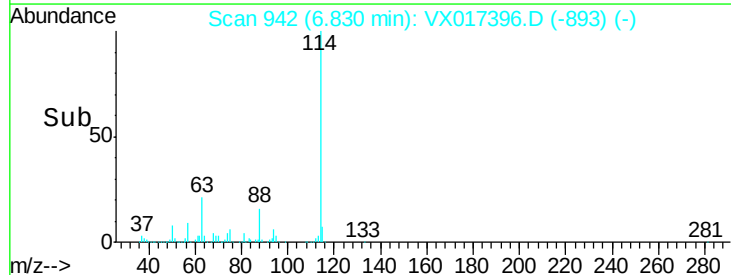
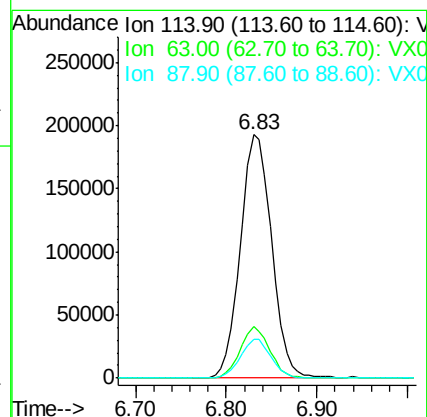
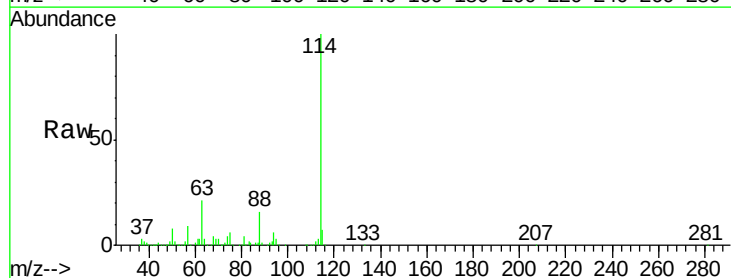
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130232ZHE#02

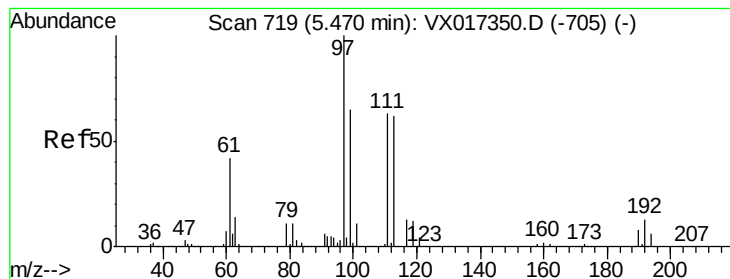
Tot Ion: 65 Resp: 181618
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017396.D
 Acq: 16 Jul 2020 17:14

Tgt Ion: 114 Resp: 462025
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.0
 88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.842 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017396.D

Acq: 16 Jul 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

PB130232ZHE#02

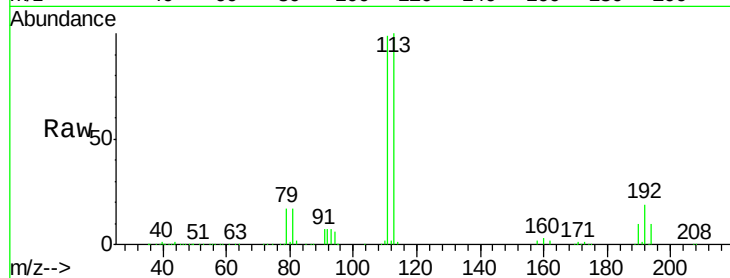
Tot Ion:113 Resp: 158236

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

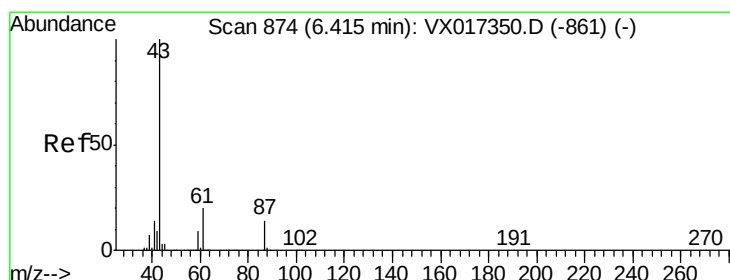
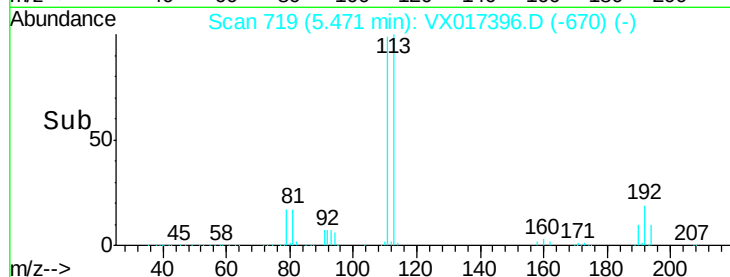
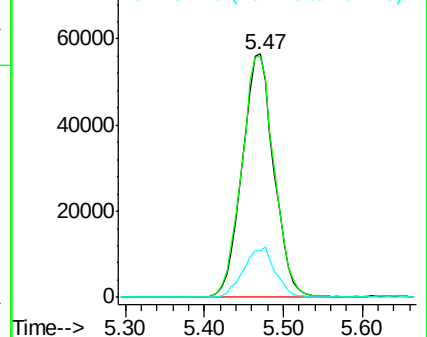
192 20.7 17.2 25.8



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: 12.998 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017396.D

Acq: 16 Jul 2020 17:14

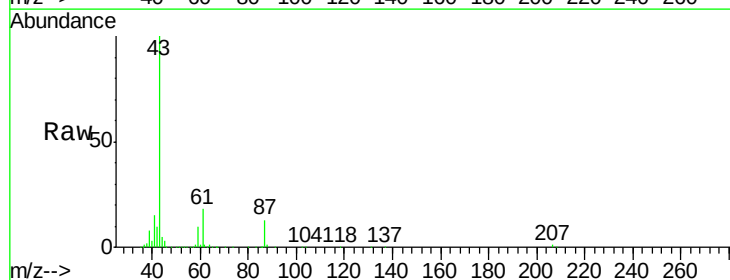
Tgt Ion: 43 Resp: 91281

Ion Ratio Lower Upper

43 100

61 20.6 16.4 24.6

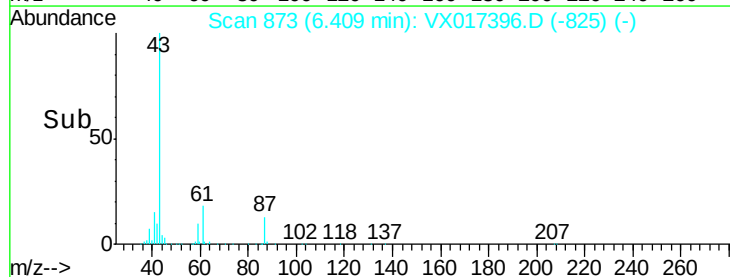
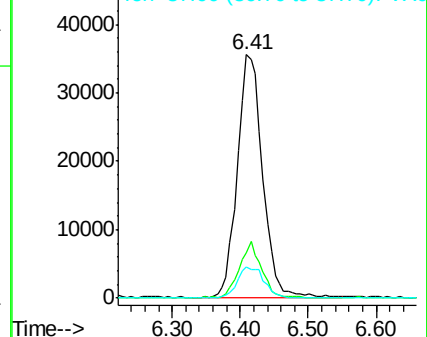
87 13.7 11.2 16.8

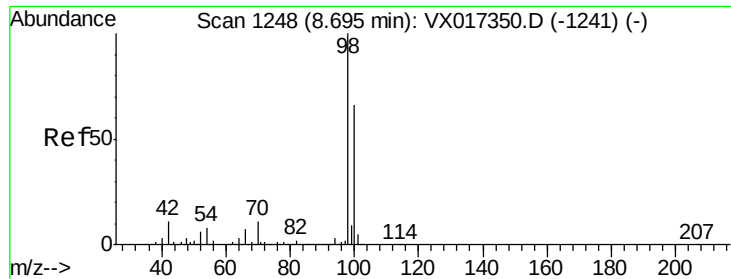


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.814 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017396.D

Acq: 16 Jul 2020 17:14

Instrument :

MSVOA_X

ClientSampleId :

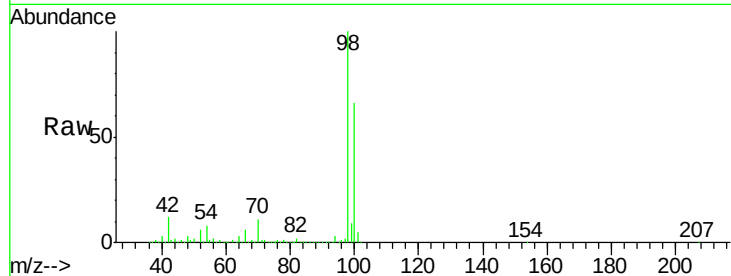
PB130232ZHE#02

Tot Ion: 98 Resp: 604139

Ion Ratio Lower Upper

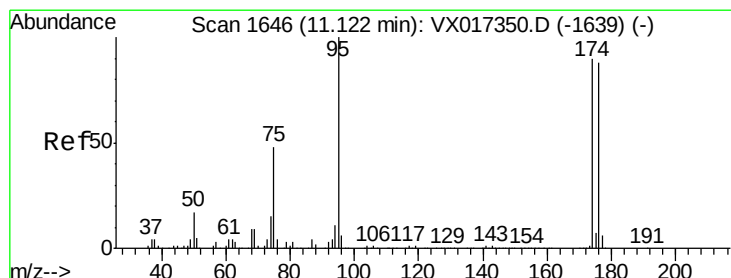
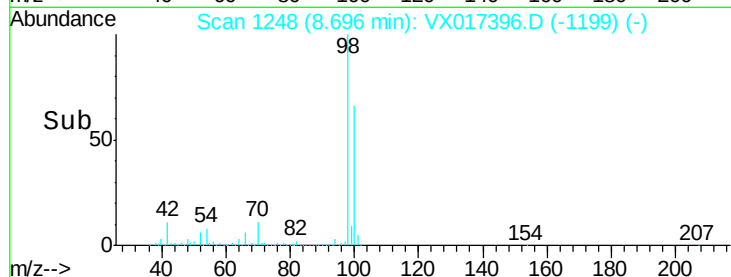
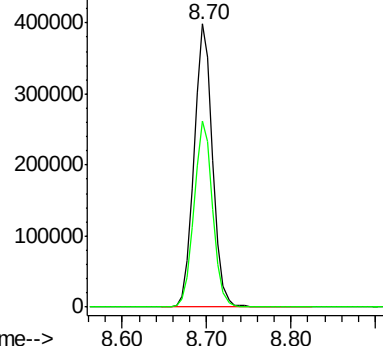
98 100

100 66.3 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.939 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017396.D

Acq: 16 Jul 2020 17:14

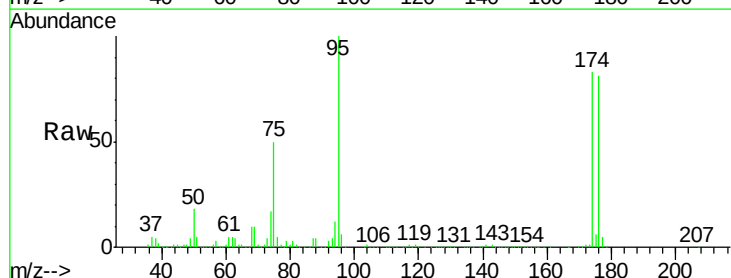
Tgt Ion: 95 Resp: 240531

Ion Ratio Lower Upper

95 100

174 83.6 0.0 175.8

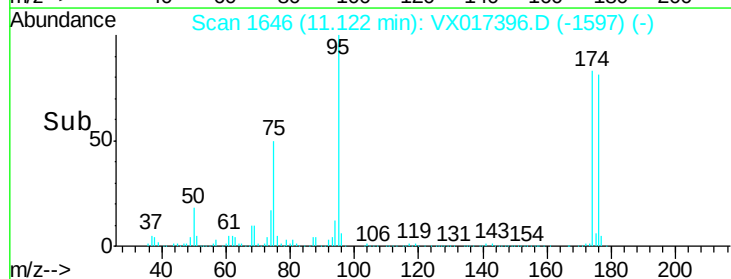
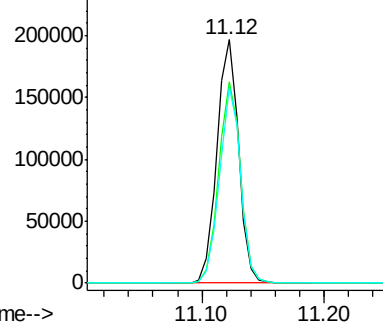
176 79.3 0.0 164.6

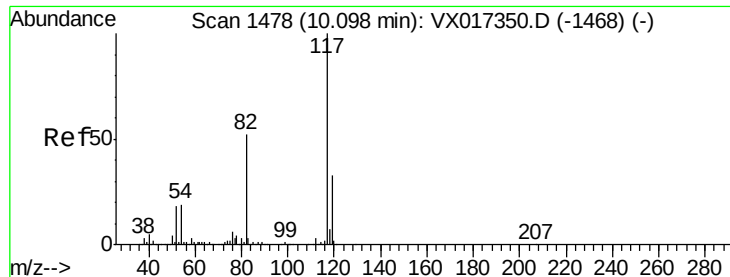


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

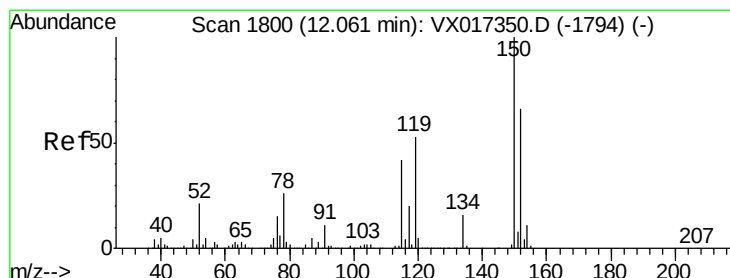
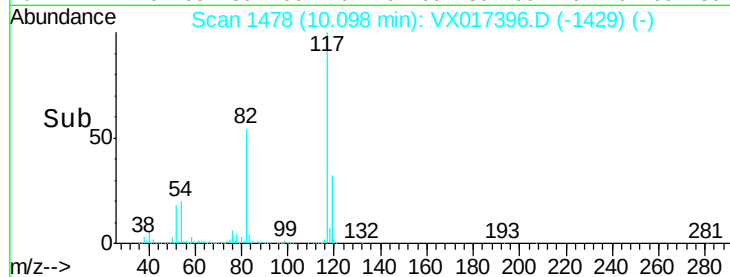
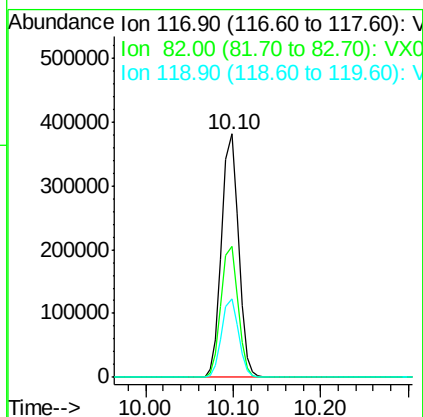
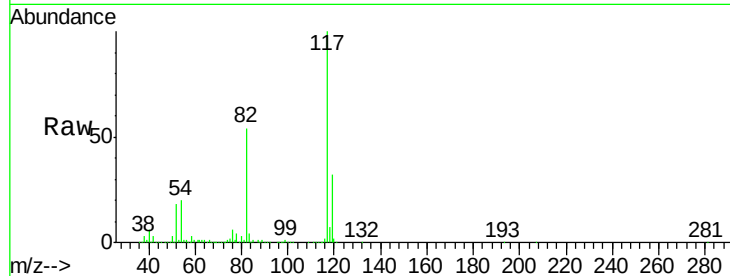




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017396.D
Acq: 16 Jul 2020 17:14

Instrument :
MSVOA_X
ClientSampleId :
PB130232ZHE#02

Tot Ion:117 Resp: 511509
Ion Ratio Lower Upper
117 100
82 53.7 42.0 63.0
119 32.5 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: VX017396.D
Acq: 16 Jul 2020 17:14

Tgt Ion:152 Resp: 254179
Ion Ratio Lower Upper
152 100
115 57.7 39.9 119.7
150 159.7 0.0 343.4

