

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017496.D
 Acq On : 23 Jul 2020 16:44
 Operator : JC/SP
 Sample : PB130362ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130362ZHE#01

Quant Time: Jul 24 06:29:56 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

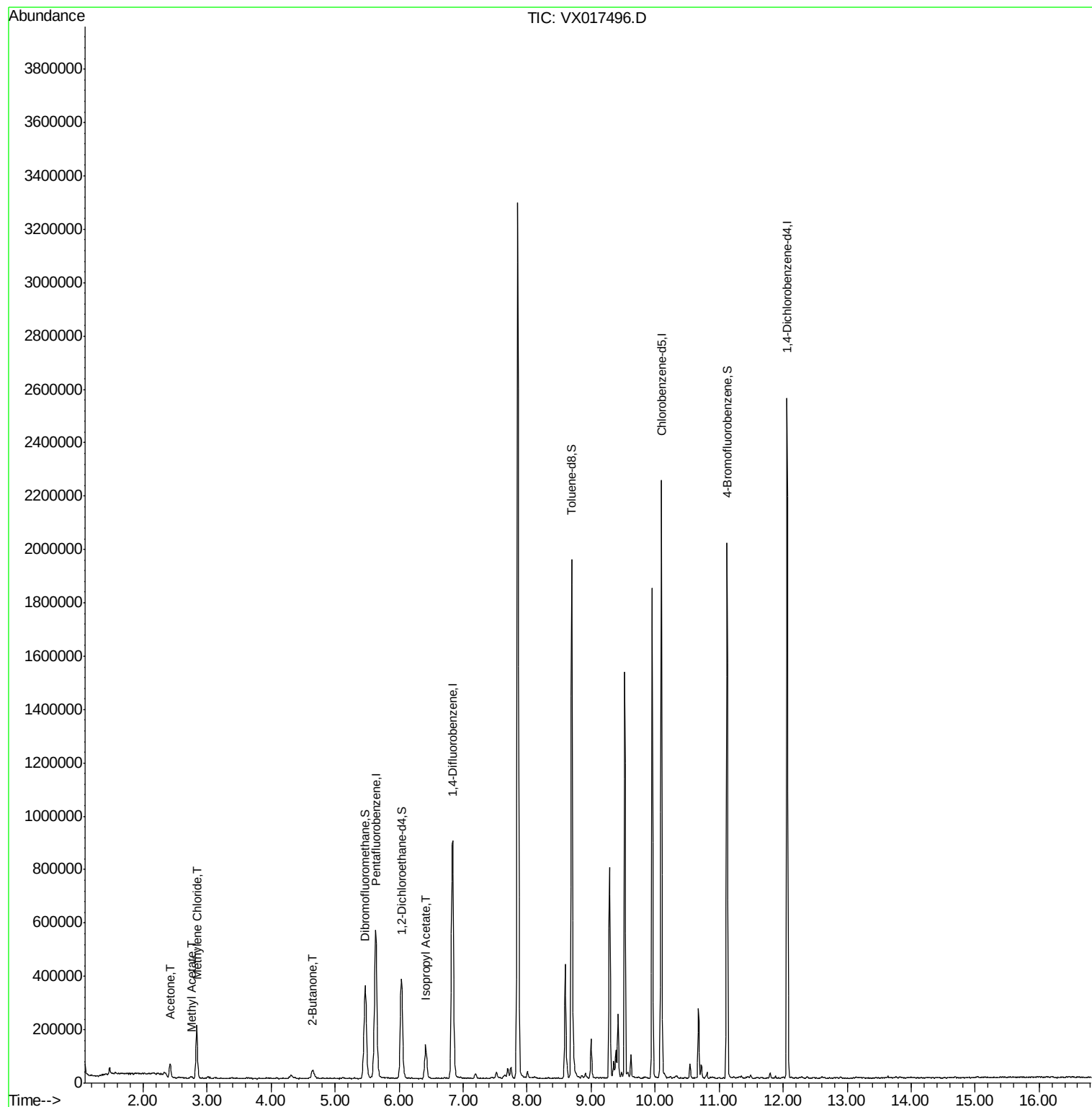
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	540196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	917962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	993025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	509803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	372045	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	5.47	113	304643	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
50) Toluene-d8	8.70	98	1162143	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	11.12	95	505353	57.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.02%	
Target Compounds						
16) Acetone	2.42	43	55840	18.283	ug/l	94
18) Methyl Acetate	2.75	43	9622	1.338	ug/l #	89
20) Methylene Chloride	2.84	84	90148	14.767	ug/l	96
25) 2-Butanone	4.64	43	31574	7.277	ug/l	100
43) Isopropyl Acetate	6.42	43	175550	11.045	ug/l	99

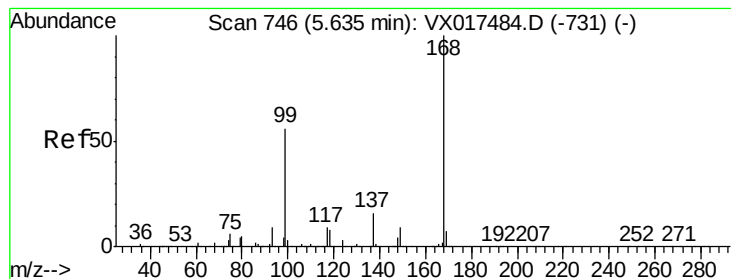
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

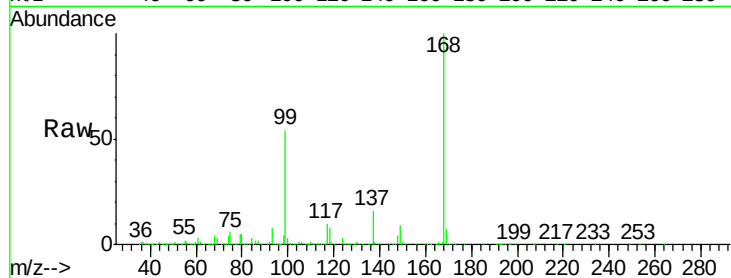
PB130362ZHE#01

Tot Ion:168 Resp: 540196

Ion Ratio Lower Upper

168 100

99 54.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

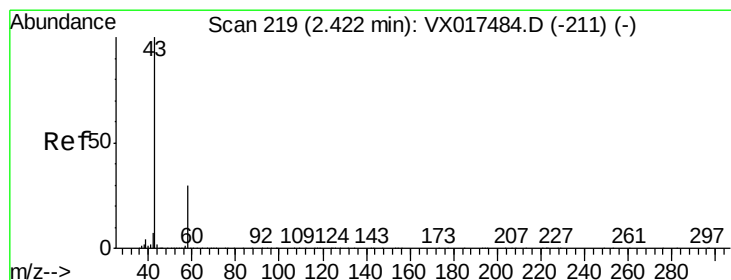
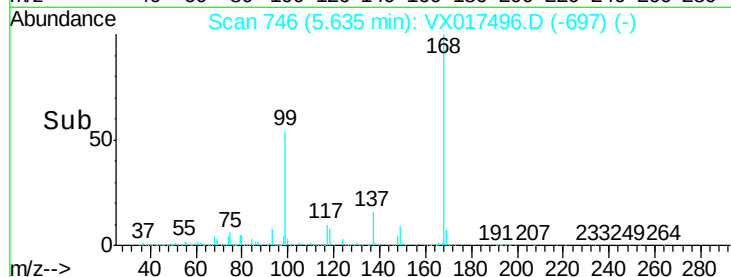
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.283 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017496.D

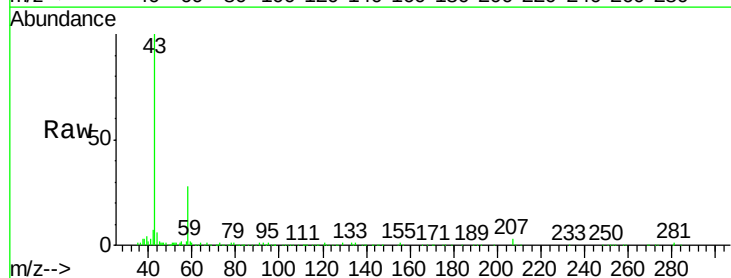
Acq: 23 Jul 2020 16:44

Tgt Ion: 43 Resp: 55840

Ion Ratio Lower Upper

43 100

58 26.8 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

40000

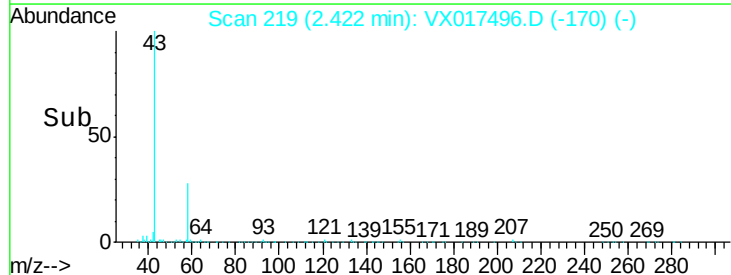
30000

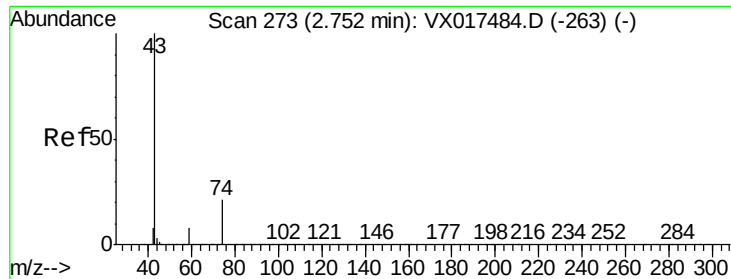
20000

10000

0

Time-->

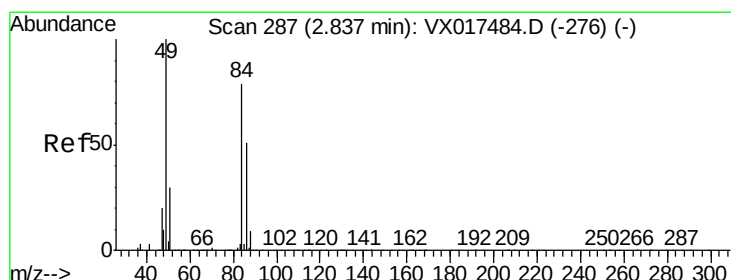
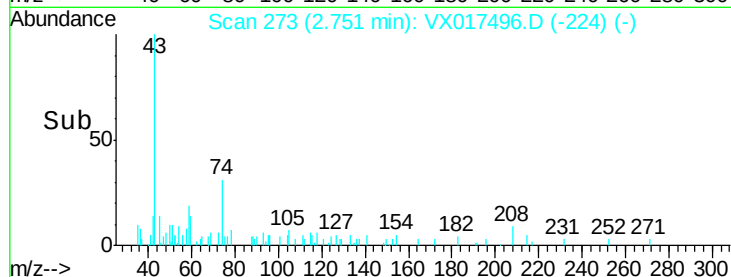
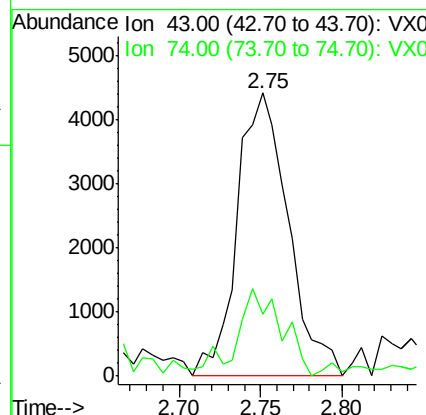
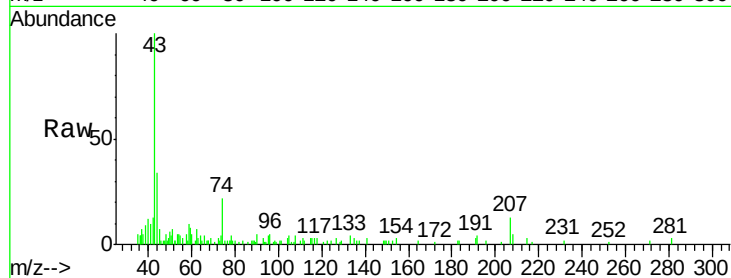




#18
Methyl Acetate
Concen: 1.338 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017496.D
Acq: 23 Jul 2020 16:44

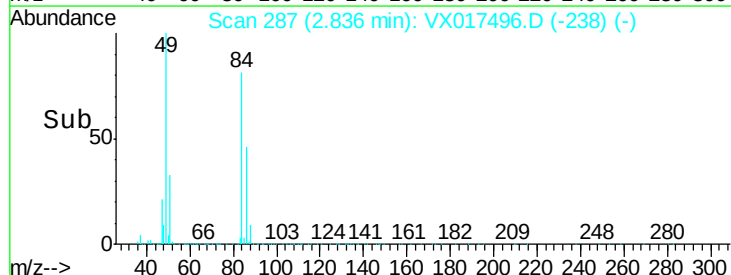
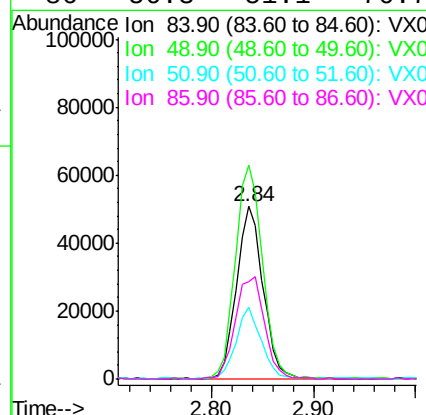
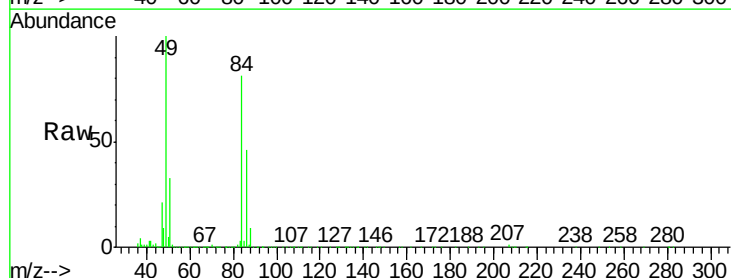
Instrument :
MSVOA_X
ClientSampleId :
PB130362ZHE#01

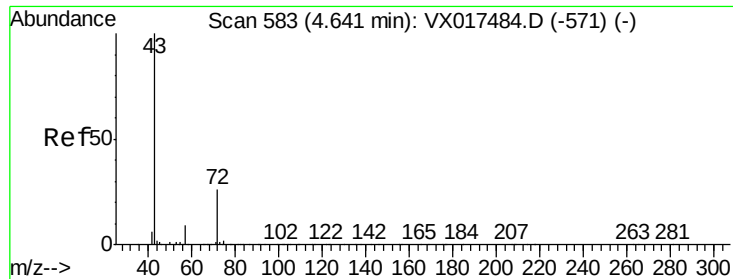
Tot Ion: 43 Resp: 9622
Ion Ratio Lower Upper
43 100
74 27.1 17.5 26.3#



#20
Methylene Chloride
Concen: 14.767 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017496.D
Acq: 23 Jul 2020 16:44

Tgt Ion: 84 Resp: 90148
Ion Ratio Lower Upper
84 100
49 123.8 100.3 150.5
51 41.0 30.5 45.7
86 56.3 51.1 76.7





#25

2-Butanone

Concen: 7.277 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

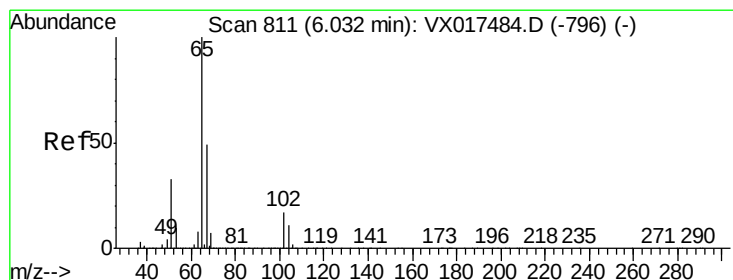
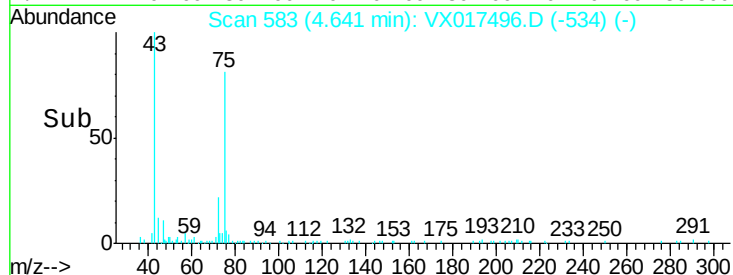
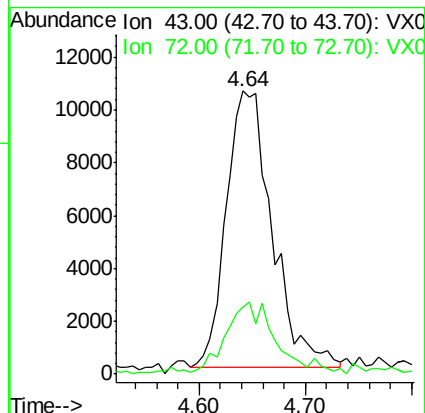
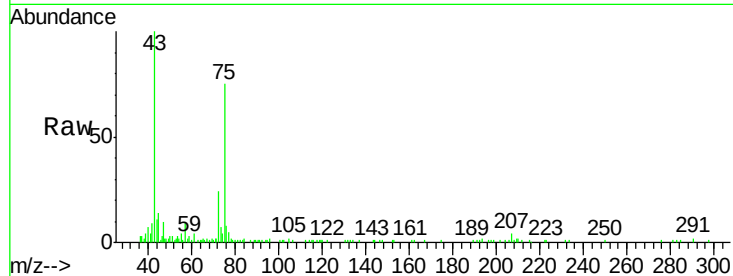
PB130362ZHE#01

Tot Ion: 43 Resp: 31574

Ion Ratio Lower Upper

43 100

72 23.7 19.0 28.4



#33

1,2-Dichloroethane-d4

Concen: 53.616 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017496.D

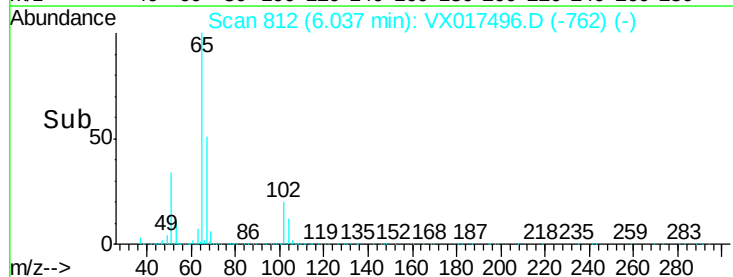
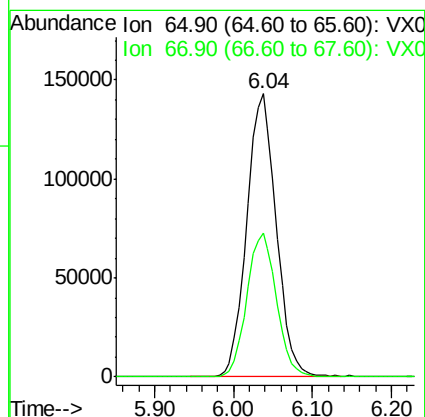
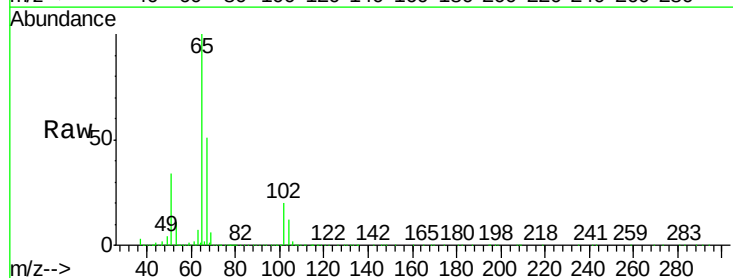
Acq: 23 Jul 2020 16:44

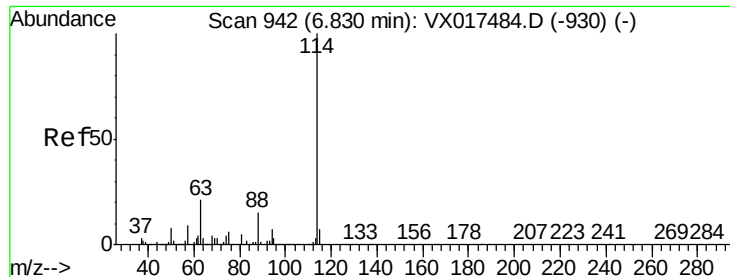
Tgt Ion: 65 Resp: 372045

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

PB130362ZHE#01

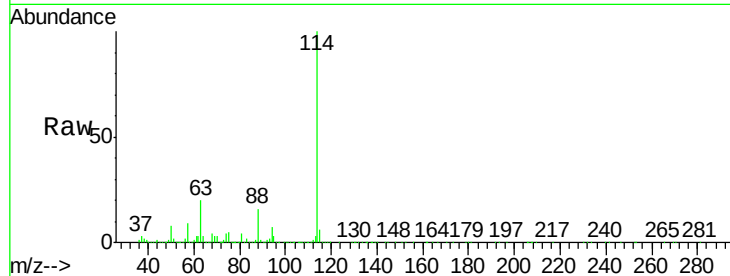
Tot Ion:114 Resp: 917962

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

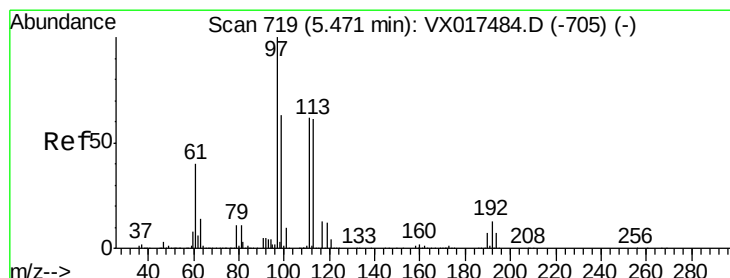
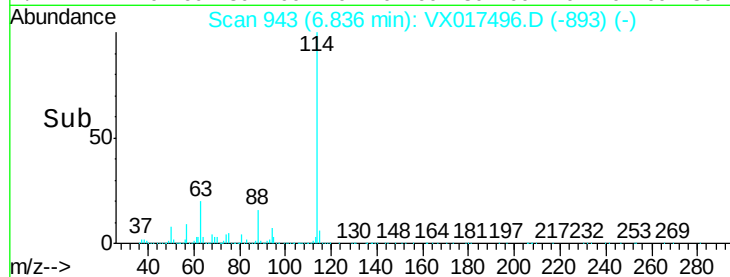
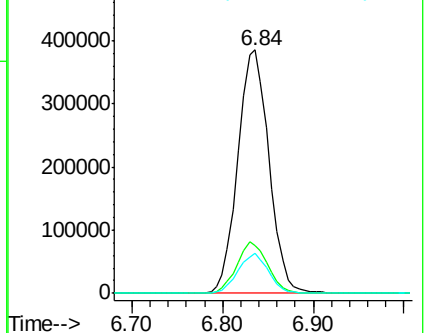
88 16.3 0.0 33.4



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



#35

Dibromofluoromethane

Concen: 49.621 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

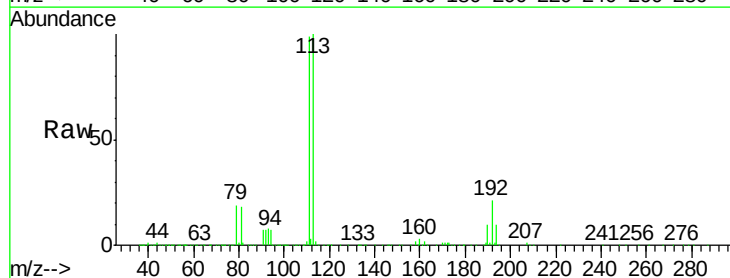
Tgt Ion:113 Resp: 304643

Ion Ratio Lower Upper

113 100

111 101.6 80.7 121.1

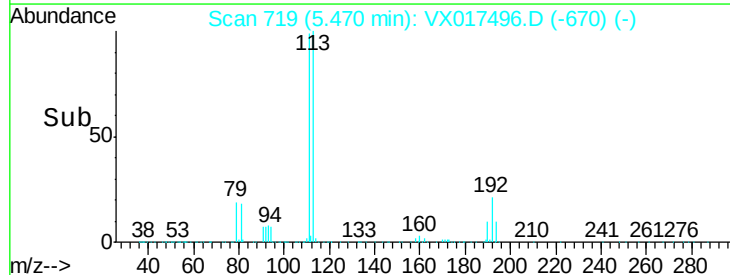
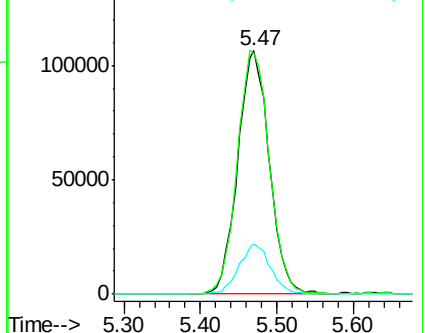
192 20.6 16.9 25.3

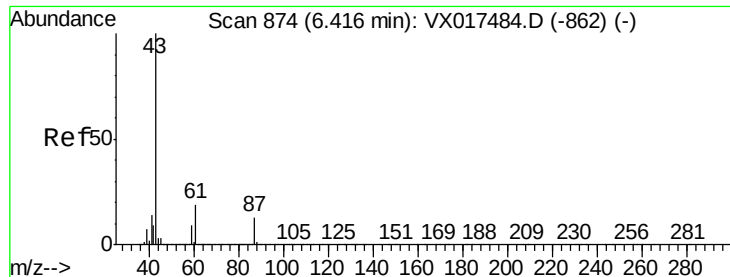


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.045 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

PB130362ZHE#01

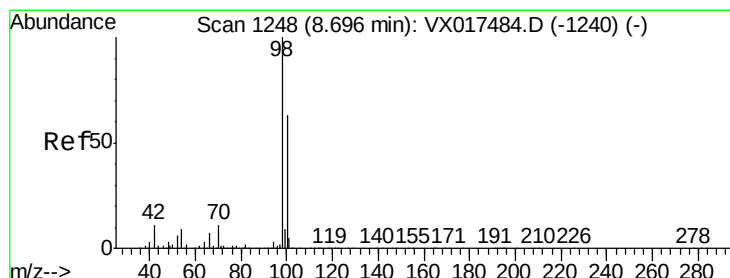
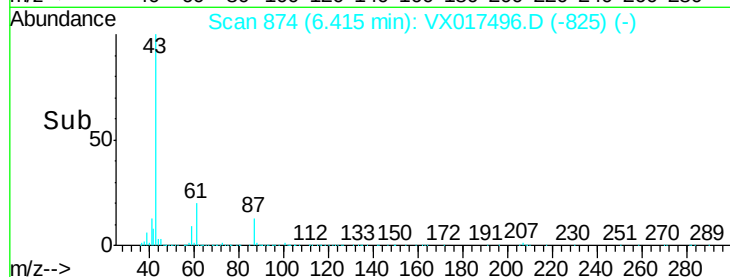
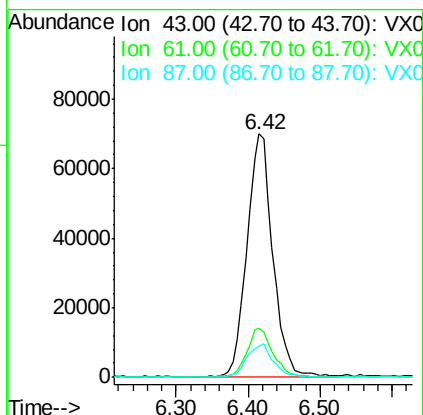
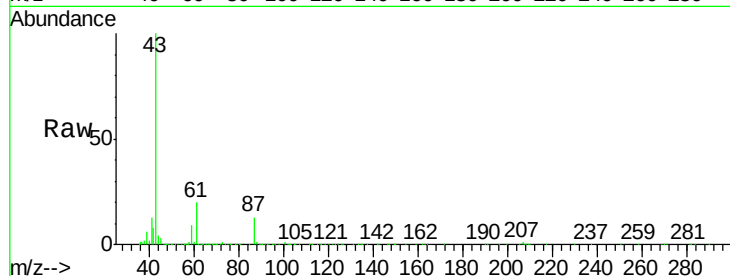
Tot Ion: 43 Resp: 175550

Ion Ratio Lower Upper

43 100

61 19.8 15.5 23.3

87 13.5 10.5 15.7



#50

Toluene-d8

Concen: 52.472 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017496.D

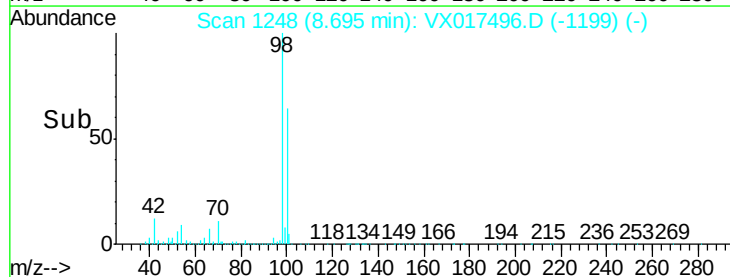
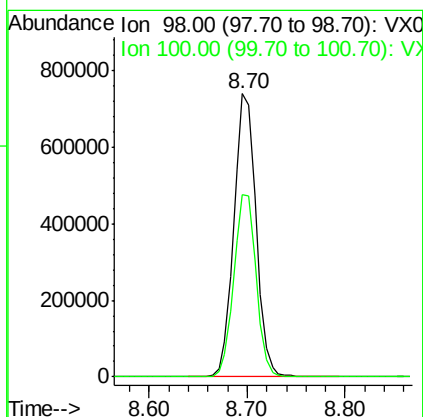
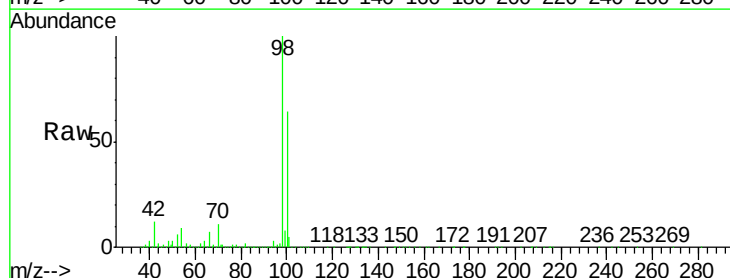
Acq: 23 Jul 2020 16:44

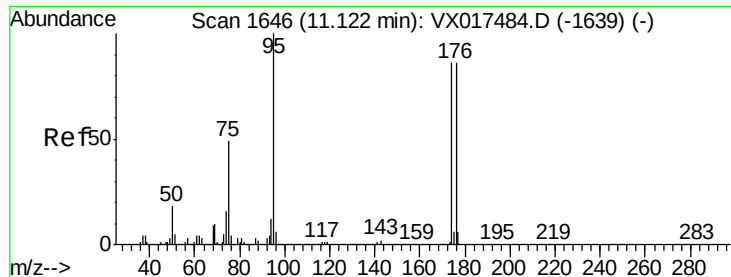
Tgt Ion: 98 Resp: 1162143

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 57.015 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

PB130362ZHE#01

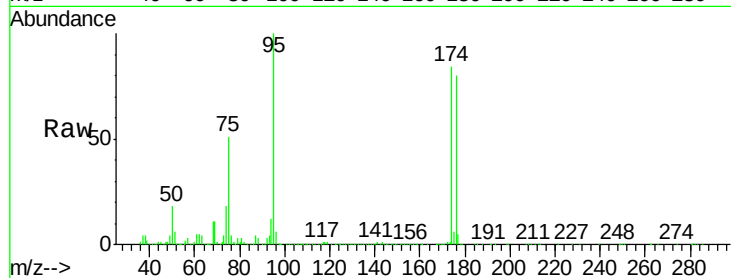
Tot Ion: 95 Resp: 505353

Ion Ratio Lower Upper

95 100

174 85.7 0.0 169.0

176 80.9 0.0 161.0

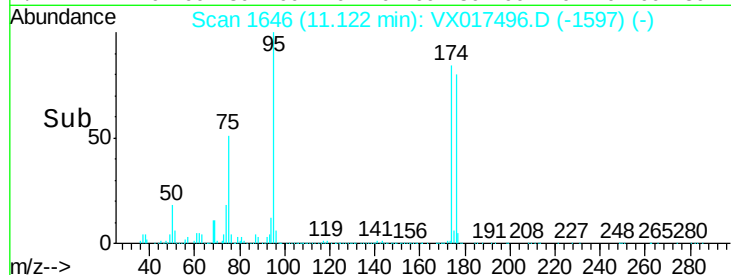


Abundance Ion 94.90 (94.60 to 95.60): VX017484.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017484.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017484.D (-1639) (-)

Time-->

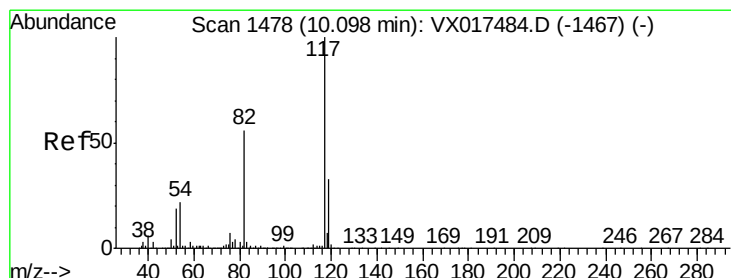


Abundance Ion 94.90 (94.60 to 95.60): VX017496.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017496.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017496.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

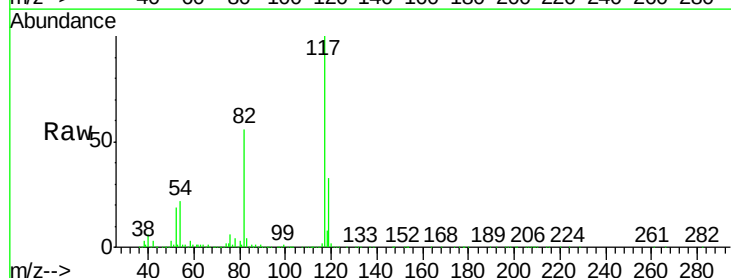
Tgt Ion: 117 Resp: 993025

Ion Ratio Lower Upper

117 100

82 56.1 44.0 66.0

119 32.9 25.4 38.0

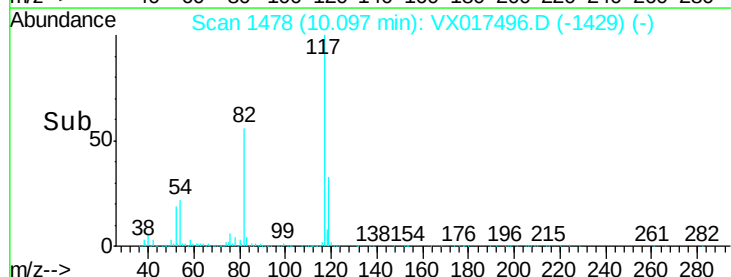


Abundance Ion 116.90 (116.60 to 117.60): VX017484.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX017484.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX017484.D (-1467) (-)

Time-->

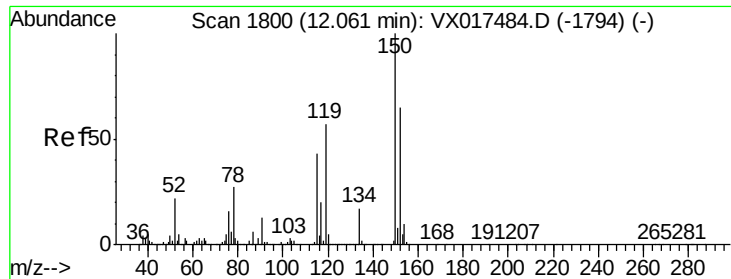


Abundance Ion 116.90 (116.60 to 117.60): VX017496.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017496.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017496.D (-1429) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017496.D

Acq: 23 Jul 2020 16:44

Instrument :

MSVOA_X

ClientSampleId :

PB130362ZHE#01

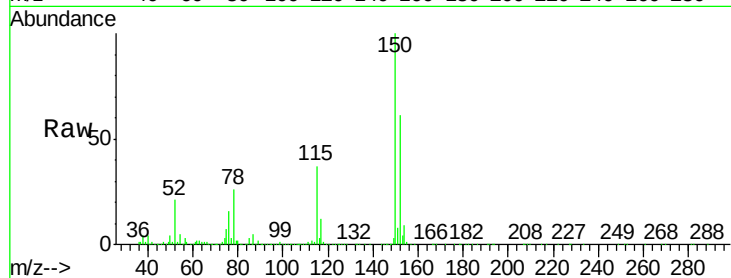
Tot Ion:152 Resp: 509803

Ion Ratio Lower Upper

152 100

115 59.5 65.5 196.6#

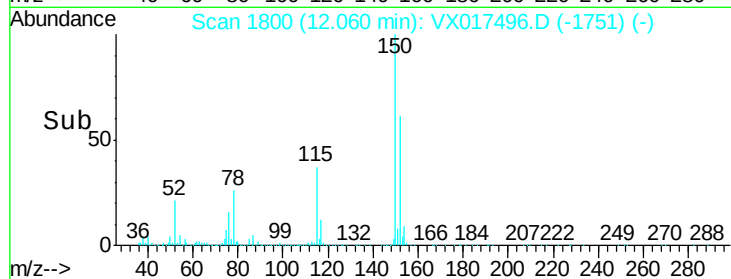
150 157.5 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->