

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019309.D
 Acq On : 05 Nov 2020 13:26
 Operator : JC/MD
 Sample : PB132825TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132825TB

Quant Time: Nov 06 01:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

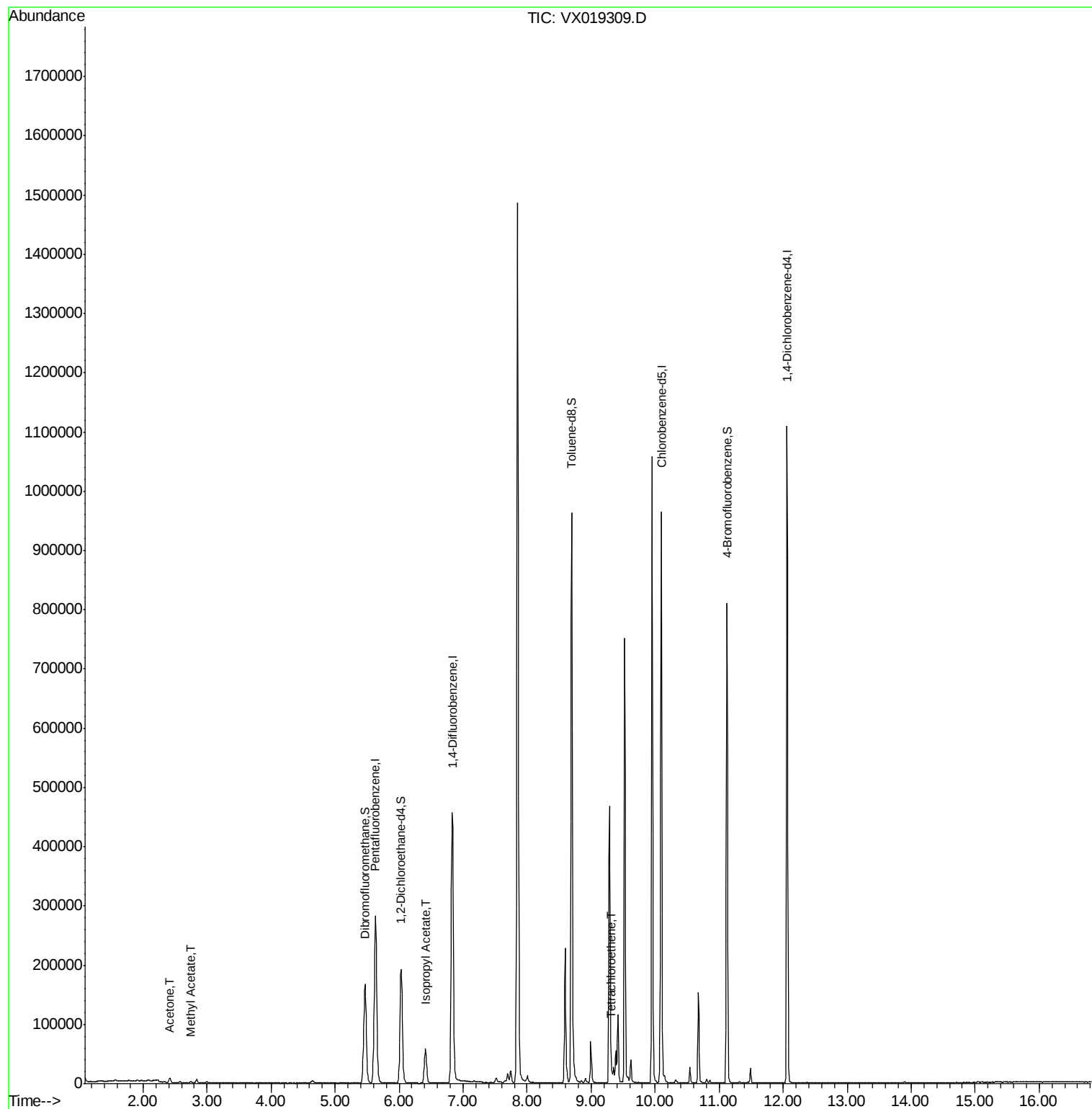
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	259832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	187721	56.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.04%	
35) Dibromofluoromethane	5.47	113	146893	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	8.70	98	572391	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.12	95	219150	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
Target Compounds						
16) Acetone	2.42	43	8348	7.222	ug/l #	86
18) Methyl Acetate	2.75	43	2956	1.052	ug/l	93
43) Isopropyl Acetate	6.41	43	77853	11.761	ug/l	98
64) Tetrachloroethene	9.32	164	3549	1.052	ug/l	95

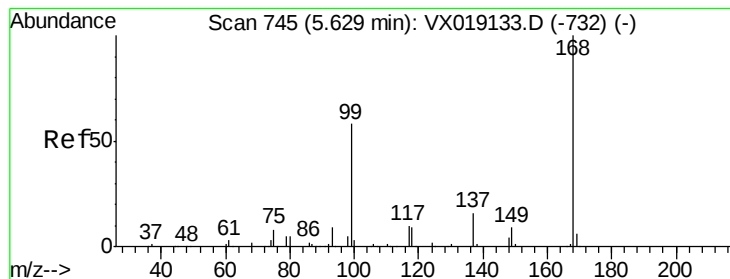
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019309.D

Acq: 05 Nov 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

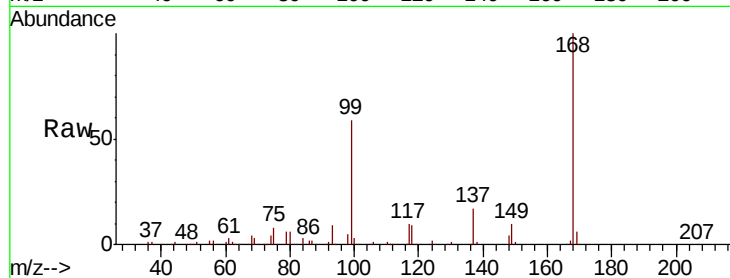
PB132825TB

Tot Ion:168 Resp: 259832

Ion Ratio Lower Upper

168 100

99 59.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

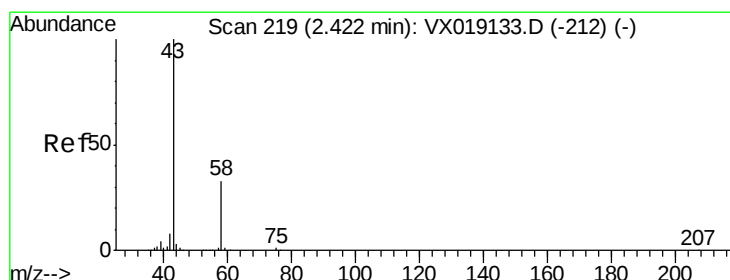
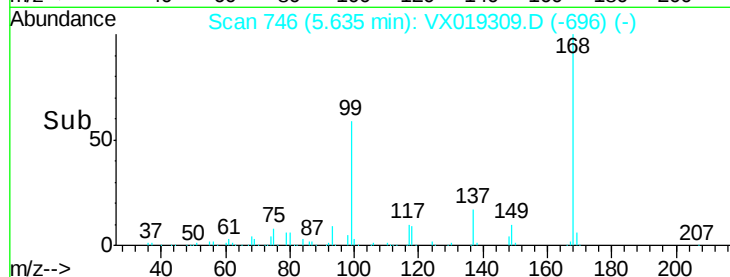
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.222 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019309.D

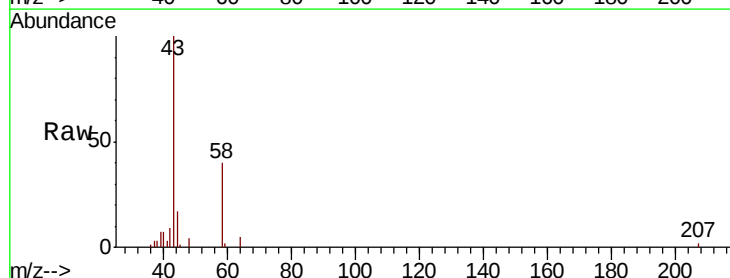
Acq: 05 Nov 2020 13:26

Tgt Ion: 43 Resp: 8348

Ion Ratio Lower Upper

43 100

58 40.8 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

5000

4000

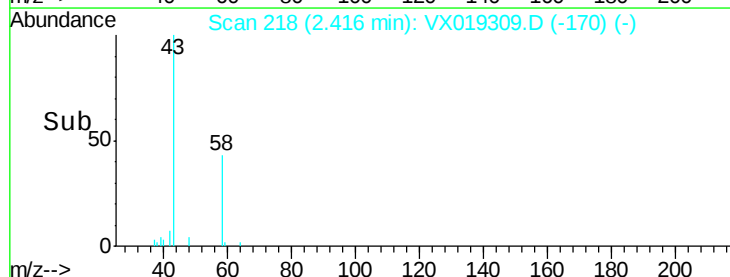
3000

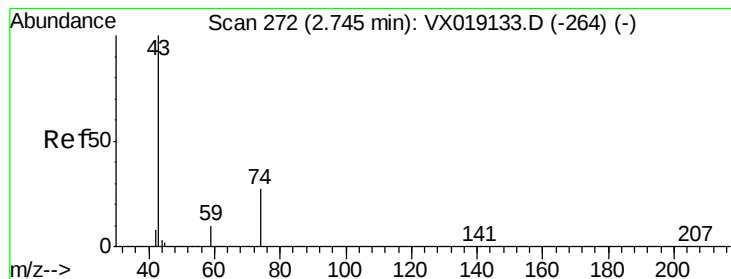
2000

1000

0

Time-->





#18

Methvl Acetate

Concen: 1.052 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019309.D

Acq: 05 Nov 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

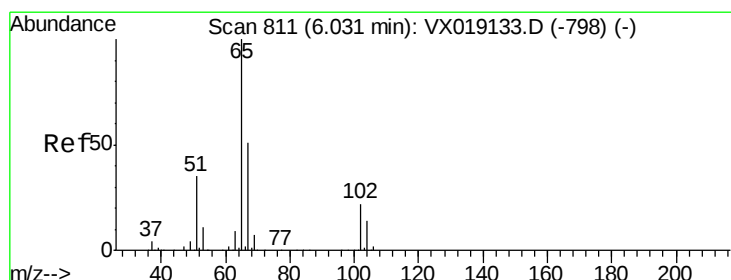
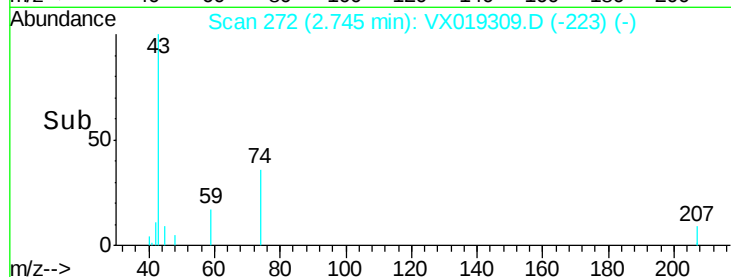
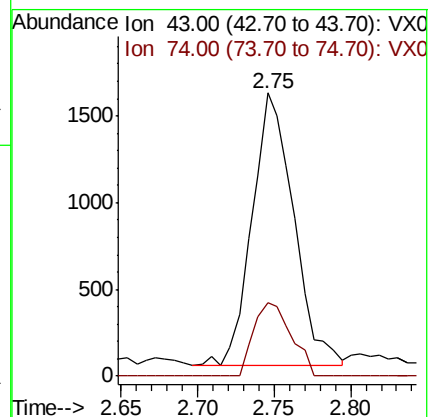
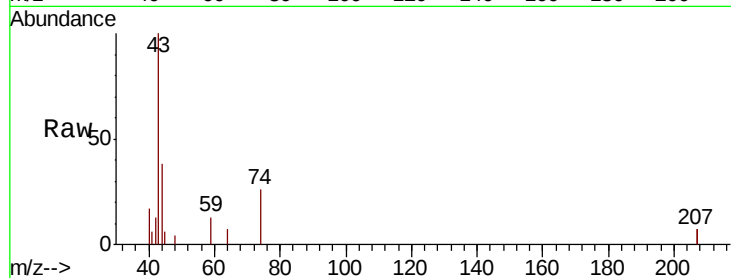
PB132825TB

Tot Ion: 43 Resp: 2956

Ion Ratio Lower Upper

43 100

74 24.5 22.6 33.8



#33

1,2-Dichloroethane-d4

Concen: 56.022 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019309.D

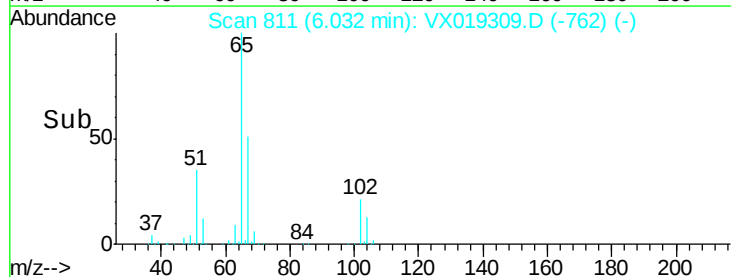
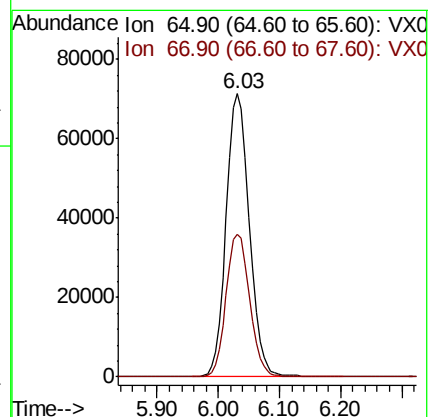
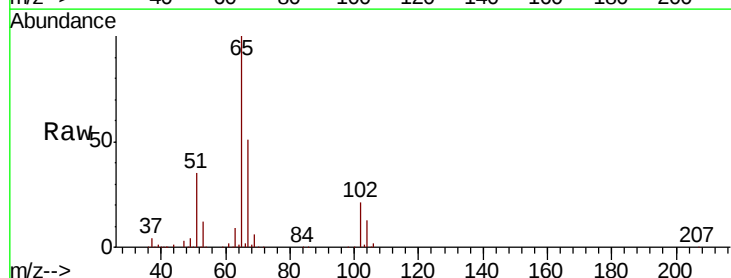
Acq: 05 Nov 2020 13:26

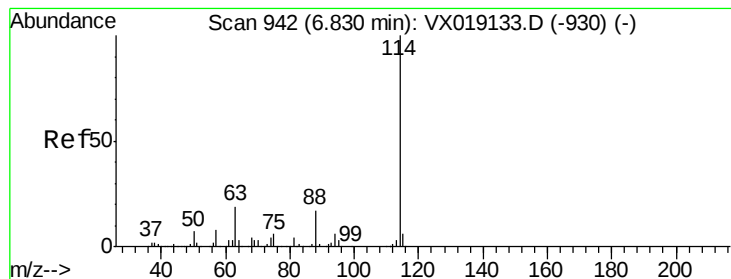
Tgt Ion: 65 Resp: 187721

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019309.D

Acq: 05 Nov 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

PB132825TB

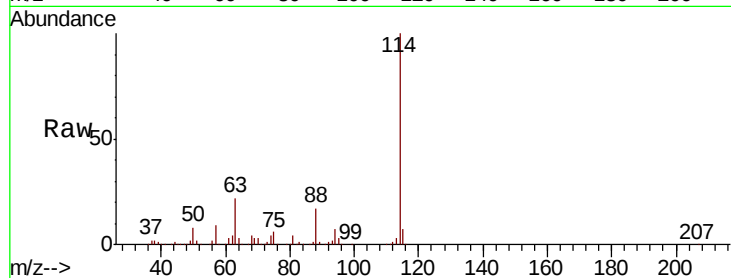
Tot Ion:114 Resp: 461101

Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.8

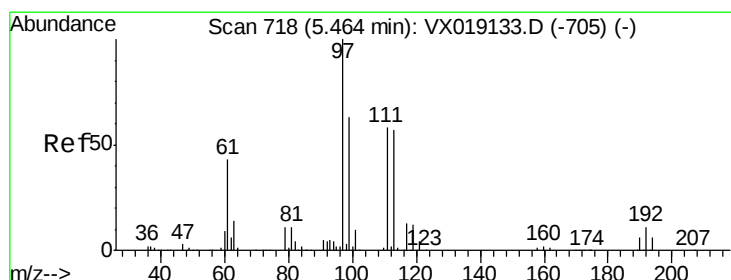
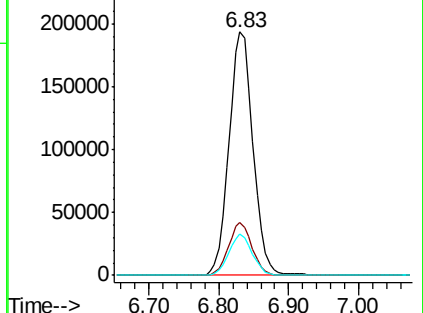
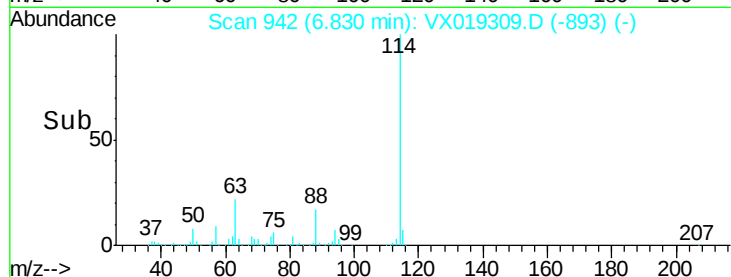
88 17.1 0.0 34.2



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: 50.717 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX019309.D

Acq: 05 Nov 2020 13:26

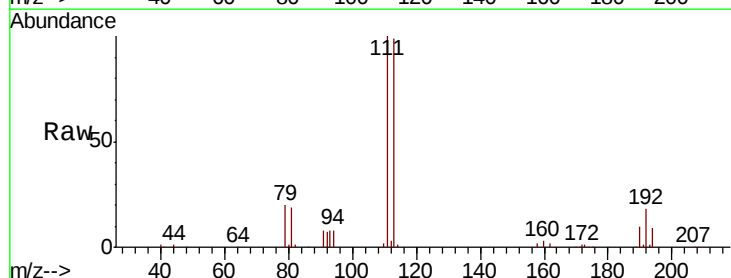
Tgt Ion:113 Resp: 146893

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

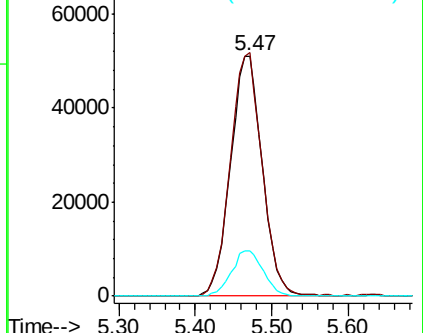
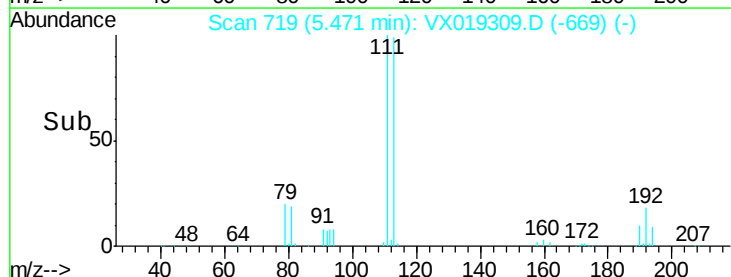
192 19.0 16.2 24.2

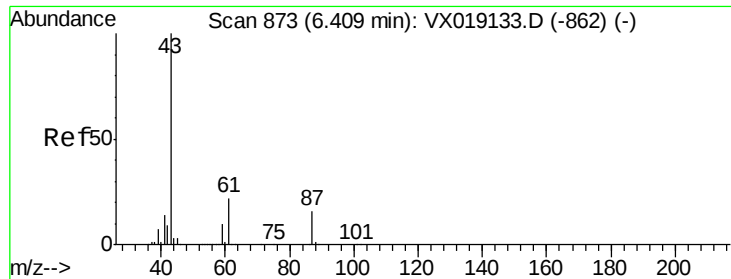


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



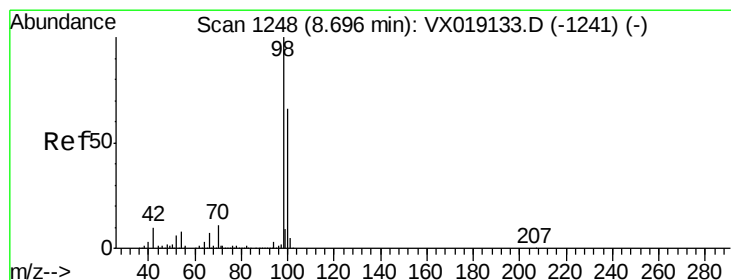
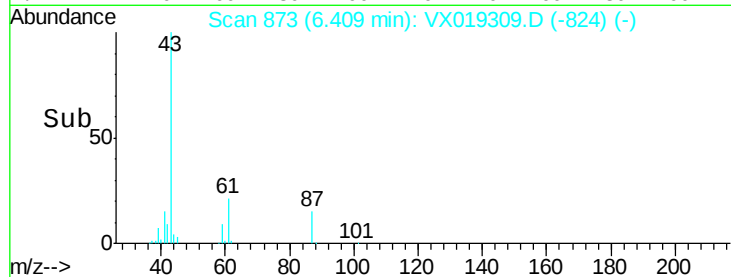
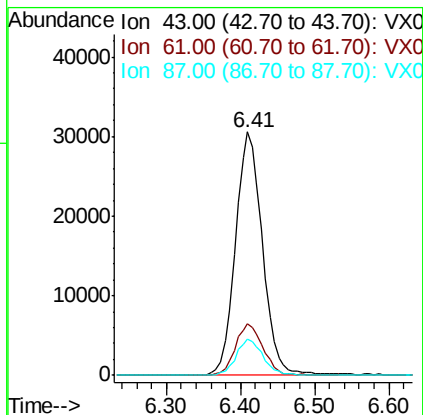
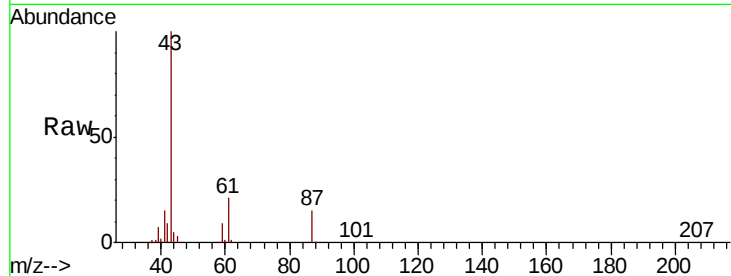


#43

Isopropyl Acetate
 Concen: 11.761 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019309.D
 Acq: 05 Nov 2020 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132825TB

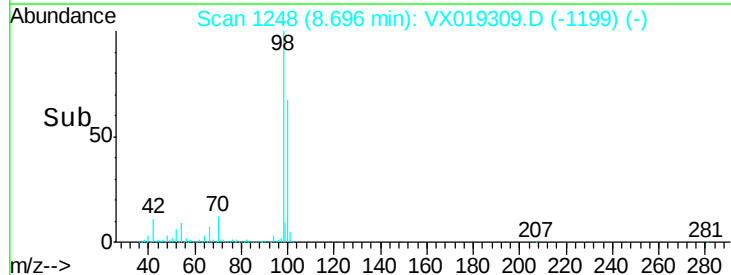
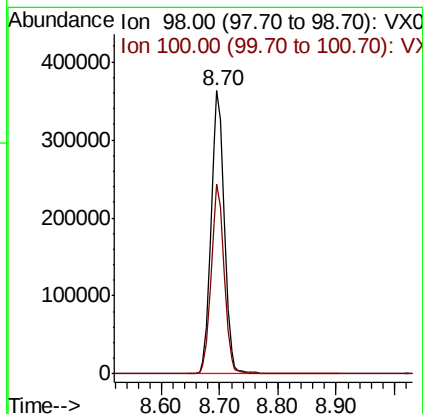
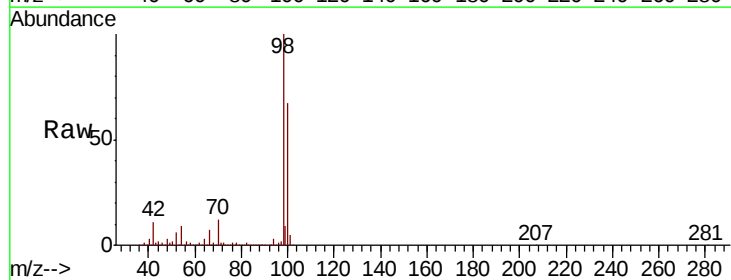
Tot Ion	43	Resp	77853
Ion Ratio	Lower	Upper	
43	100		
61	21.4	17.8	26.6
87	14.8	12.6	19.0

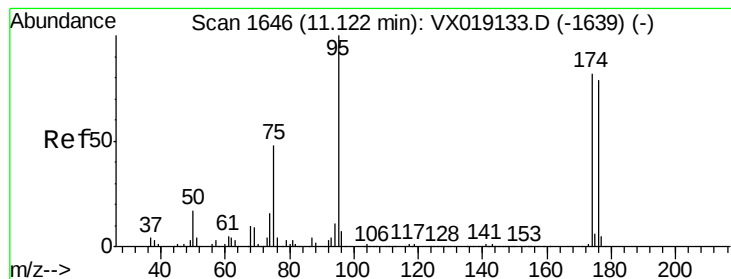


#50

Toluene-d8
 Concen: 52.425 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019309.D
 Acq: 05 Nov 2020 13:26

Tgt Ion	98	Resp	572391
Ion Ratio	Lower	Upper	
98	100		
100	65.9	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 53.001 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019309.D

Acq: 05 Nov 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

PB132825TB

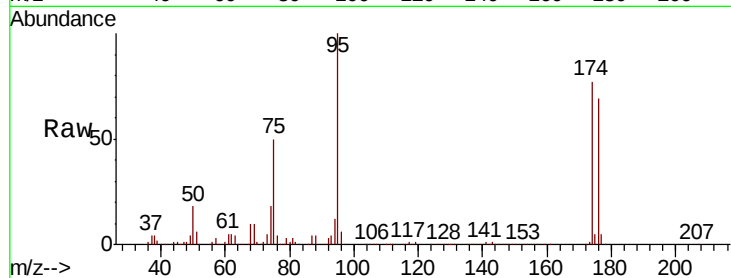
Tot Ion: 95 Resp: 219150

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.0

176 69.3 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX019309.D (-1597) (-)

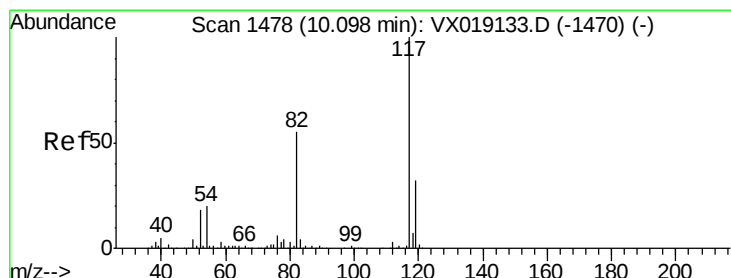
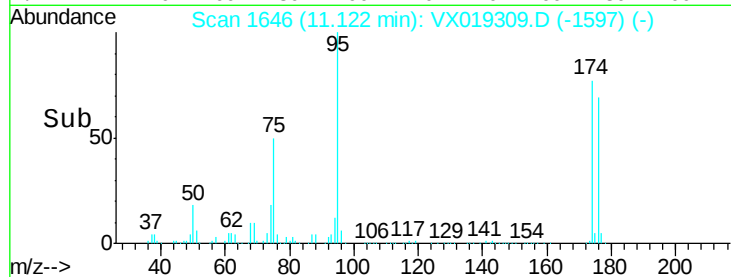
Ion 173.80 (173.50 to 174.50): VX019309.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019309.D (-1597) (-)

Time-->

11.12

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: VX019309.D

Acq: 05 Nov 2020 13:26

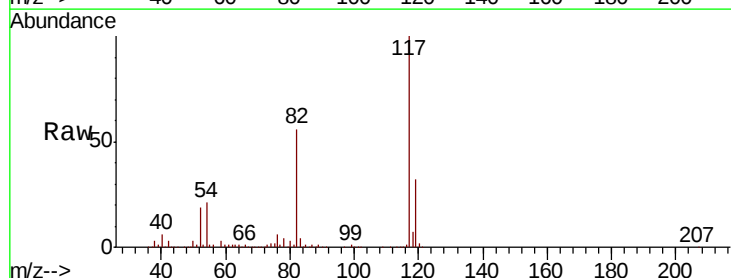
Tgt Ion: 117 Resp: 442655

Ion Ratio Lower Upper

117 100

82 56.2 43.6 65.4

119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX019309.D (-1429) (-)

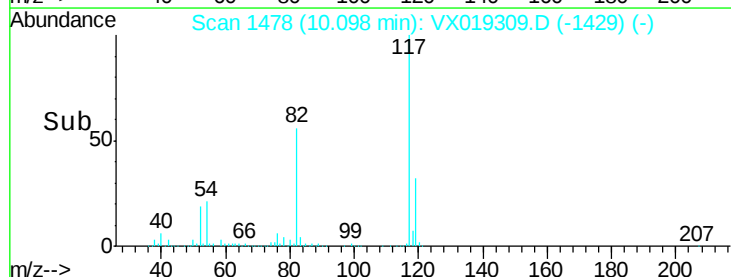
Ion 82.00 (81.70 to 82.70): VX019309.D (-1429) (-)

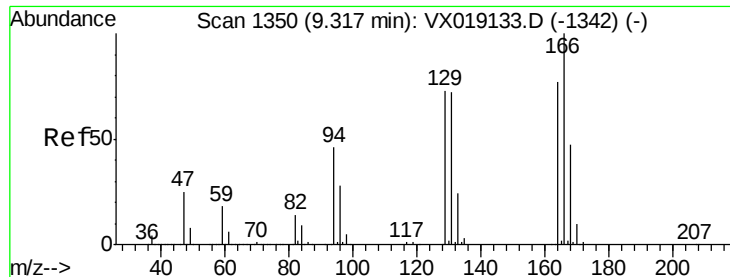
Ion 118.90 (118.60 to 119.60): VX019309.D (-1429) (-)

Time-->

10.10

10.00 10.20





#64

Tetrachloroethene

Concen: 1.052 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019309.D

Acq: 05 Nov 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

PB132825TB

Tot Ion:164 Resp: 3549

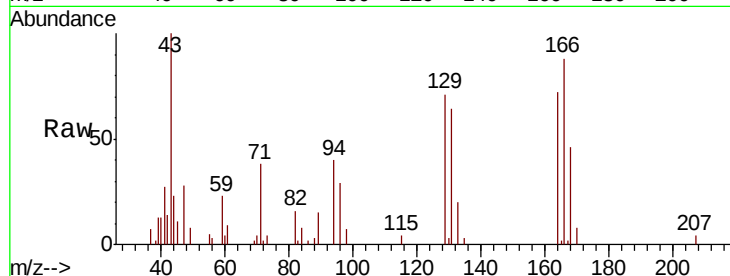
Ion Ratio Lower Upper

164 100

166 122.0 104.1 156.1

129 98.2 76.2 114.4

131 89.4 74.6 112.0

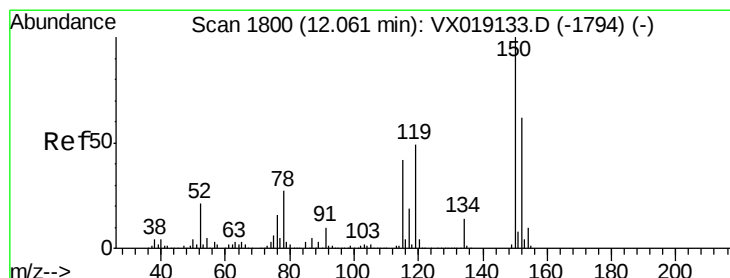
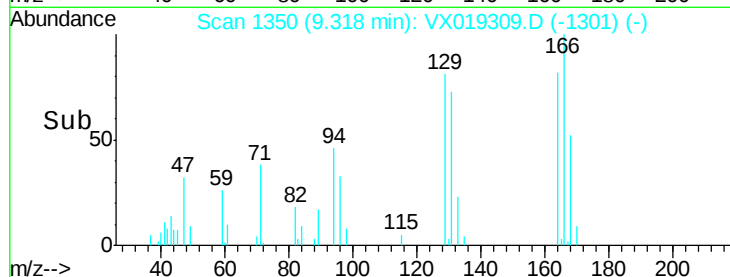
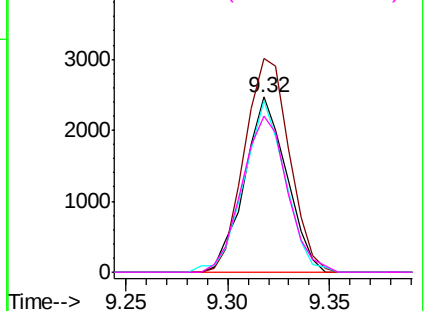


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019309.D

Acq: 05 Nov 2020 13:26

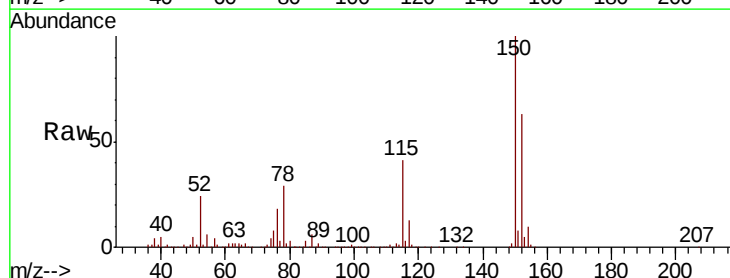
Tgt Ion:152 Resp: 211458

Ion Ratio Lower Upper

152 100

115 62.5 41.9 125.7

150 159.7 0.0 347.8



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

