

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017064.D
 Acq On : 30 Jun 2020 23:36
 Operator : JC/SP
 Sample : PB129852TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129852TB

Quant Time: Jul 01 08:37:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	153354	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
35) Dibromofluoromethane	5.46	113	130741	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
50) Toluene-d8	8.70	98	497541	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	11.12	95	206759	56.55	ug/l	0.00
Spiked Amount			Recovery	=	113.10%	

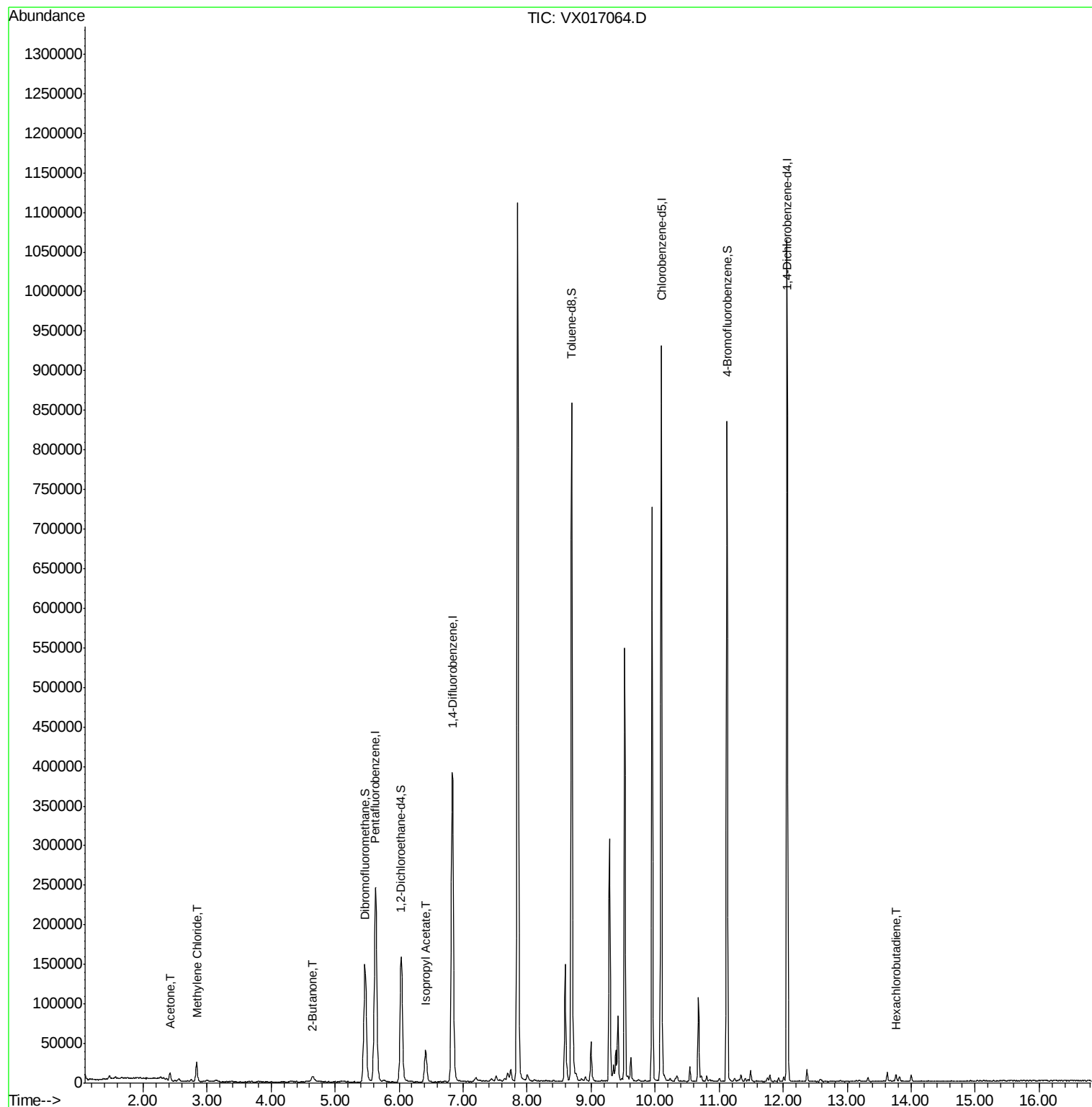
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	11132	10.021	ug/l	97
20) Methylene Chloride	2.83	84	10935	3.565	ug/l	96
25) 2-Butanone	4.65	43	5237	2.829	ug/l #	89
43) Isopropyl Acetate	6.42	43	55493	8.709	ug/l	98
94) Hexachlorobutadiene	13.77	225	1278m	1.597	ug/l	

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

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MSVOA_X
ClientSampled :
PB129852TB

Quant Time: Jul 01 08:37:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

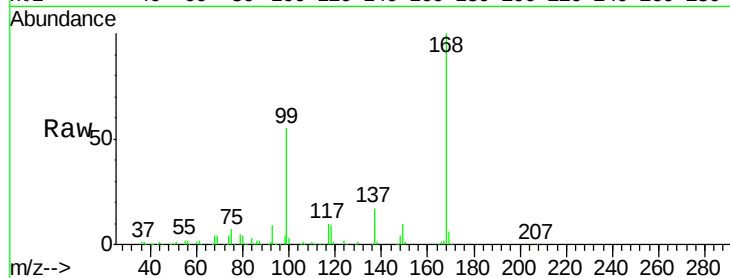
PB129852TB

Tot Ion:168 Resp: 240880

Ion Ratio Lower Upper

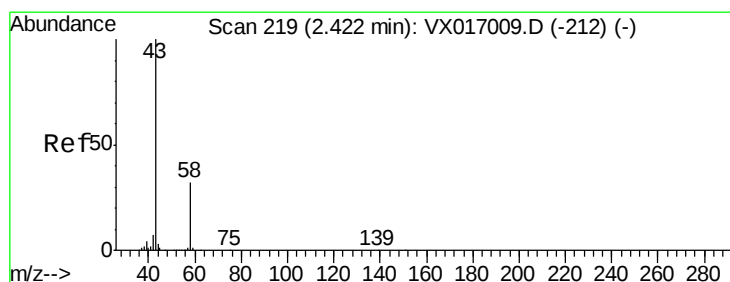
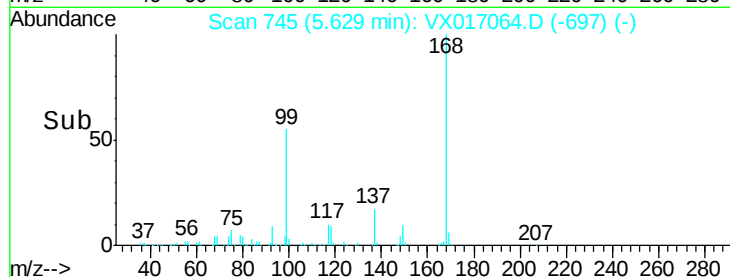
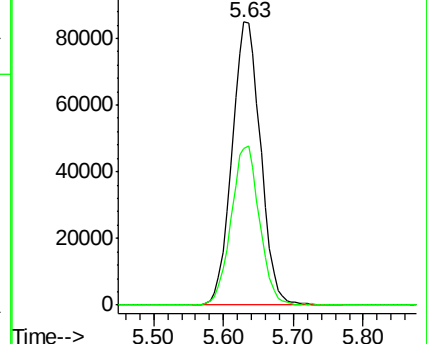
168 100

99 55.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.021 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017064.D

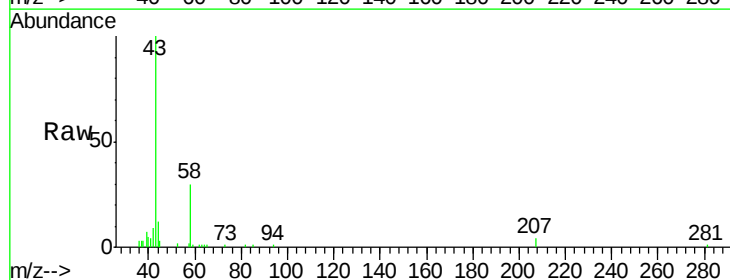
Acq: 30 Jun 2020 23:36

Tgt Ion: 43 Resp: 11132

Ion Ratio Lower Upper

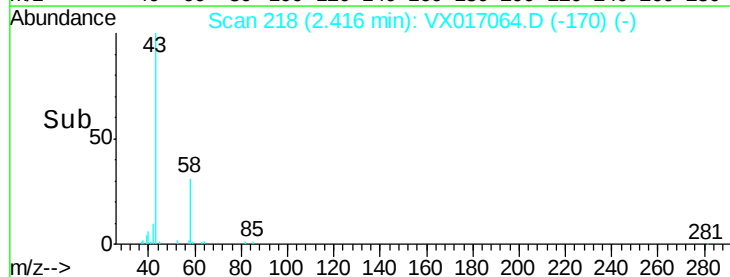
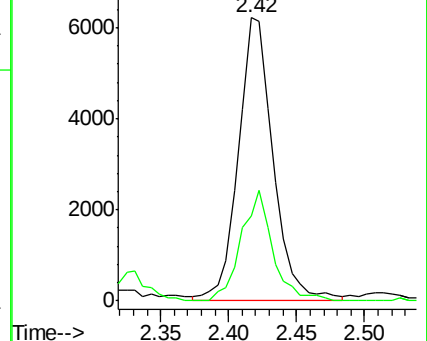
43 100

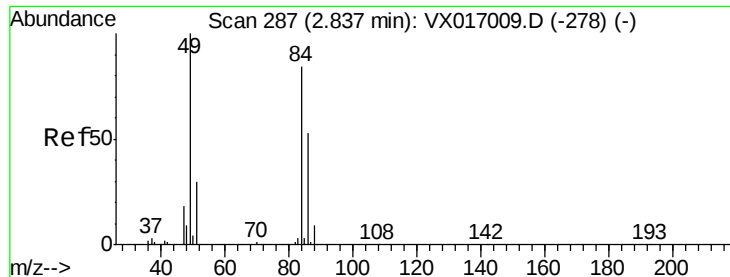
58 30.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

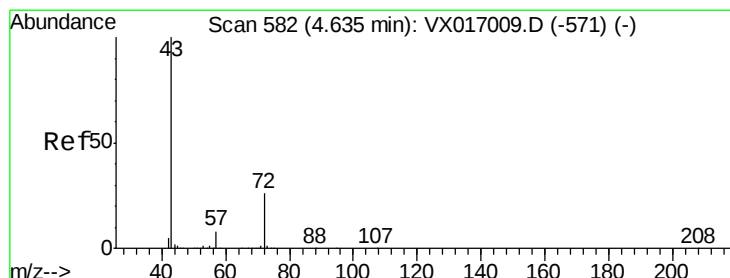
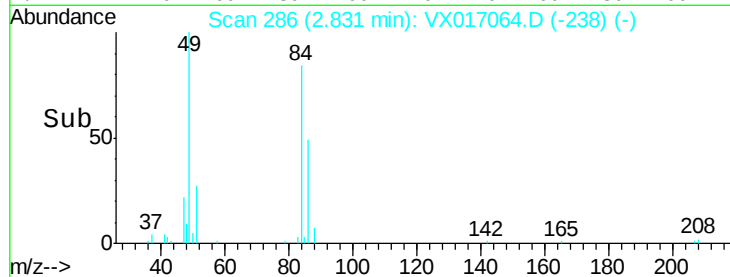
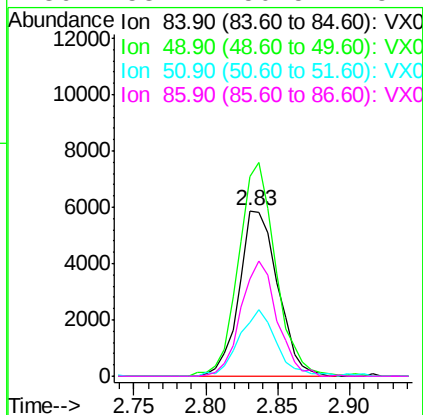
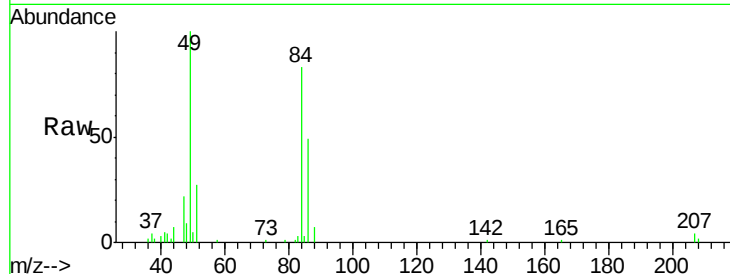




#20
Methvlene Chloride
Concen: 3.565 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

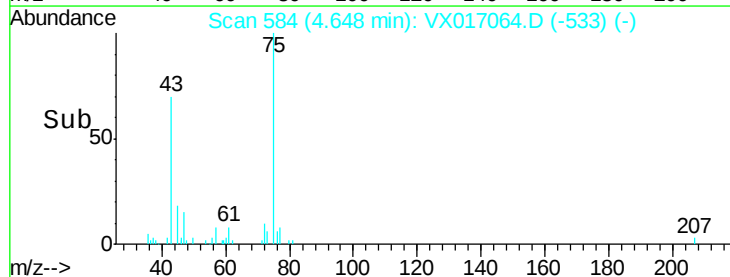
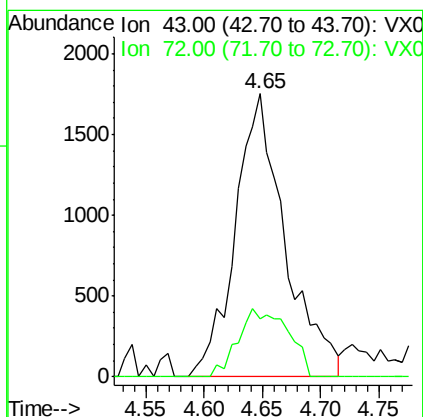
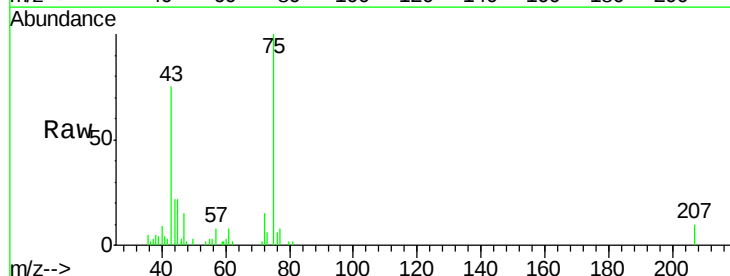
Instrument :
MSVOA_X
ClientSampleId :
PB129852TB

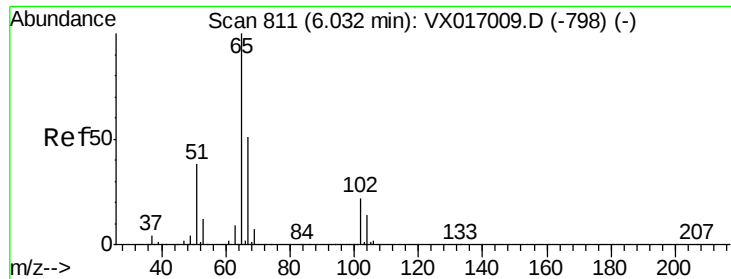
Tot Ion:	84	Resp:	10935
Ion	Ratio	Lower	Upper
84	100		
49	120.7	94.7	142.1
51	32.1	28.6	42.8
86	58.7	50.5	75.7



#25
2-Butanone
Concen: 2.829 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion:	43	Resp:	5237
Ion	Ratio	Lower	Upper
43	100		
72	20.5	20.8	31.2#





#33

1,2-Dichloroethane-d4

Concen: 51.642 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

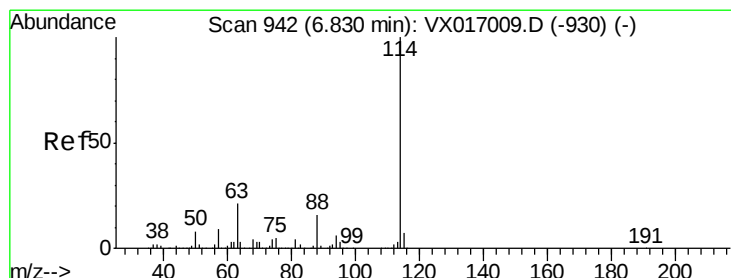
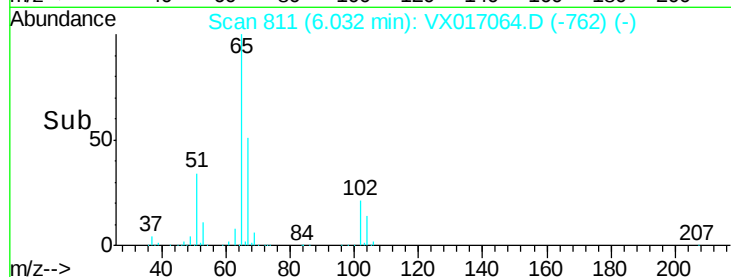
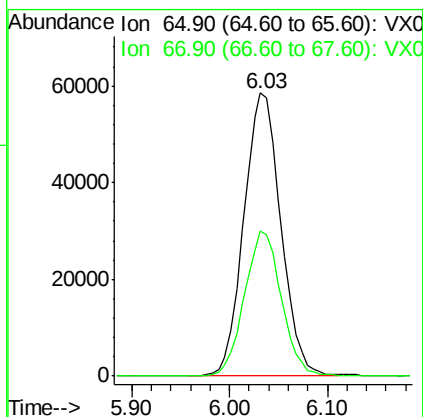
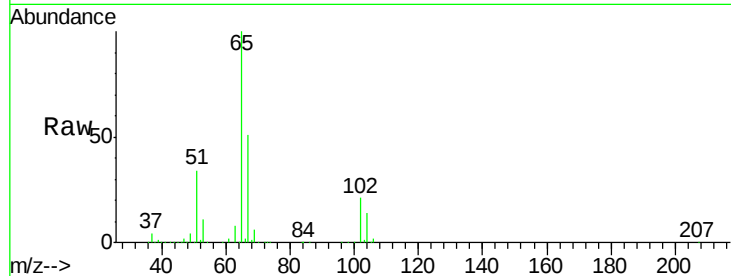
PB129852TB

Tot Ion: 65 Resp: 153354

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

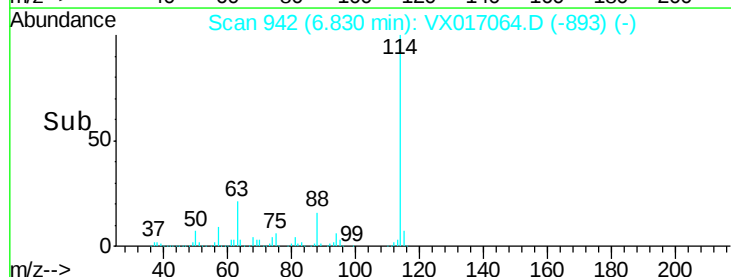
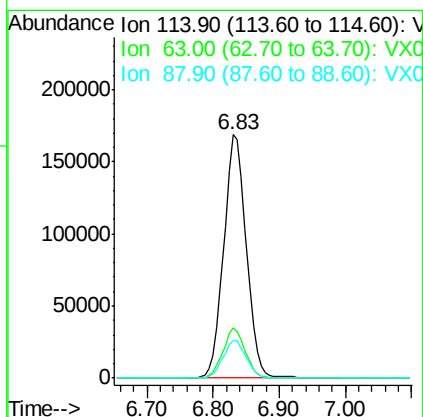
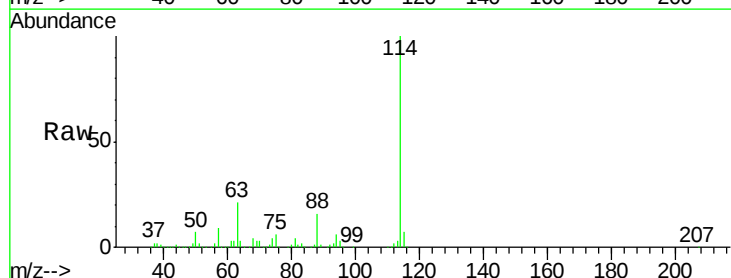
Tgt Ion: 114 Resp: 399870

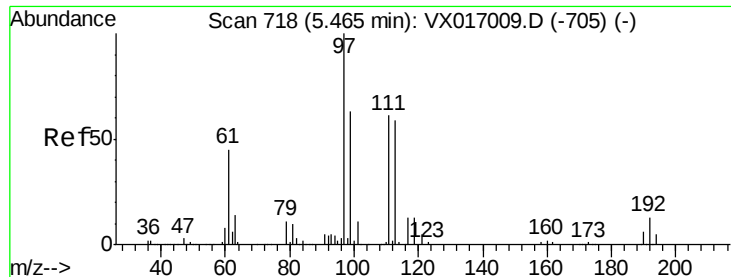
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.687 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

PB129852TB

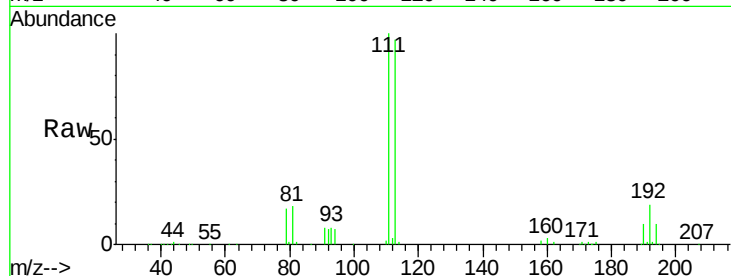
Tot Ion:113 Resp: 130741

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

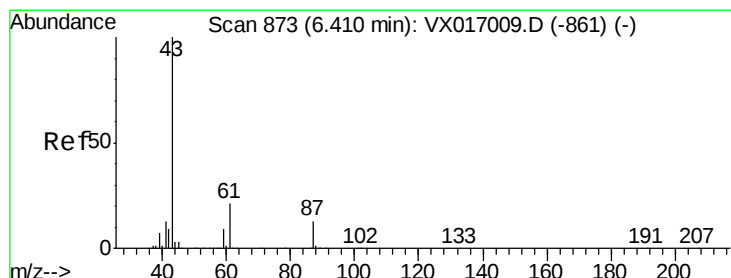
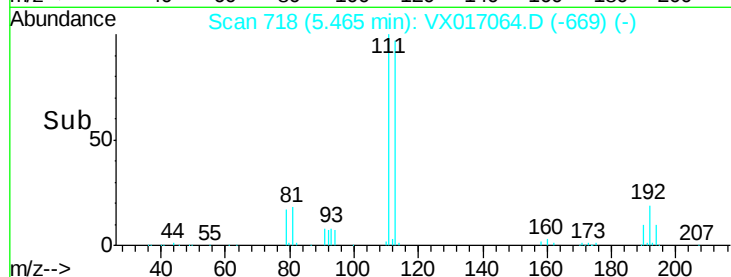
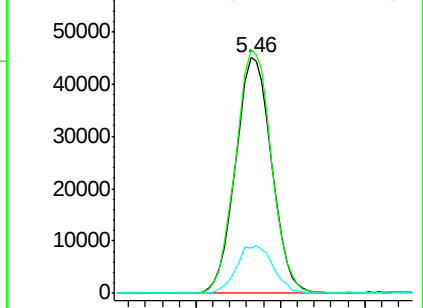
192 20.7 16.7 25.1



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: 8.709 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

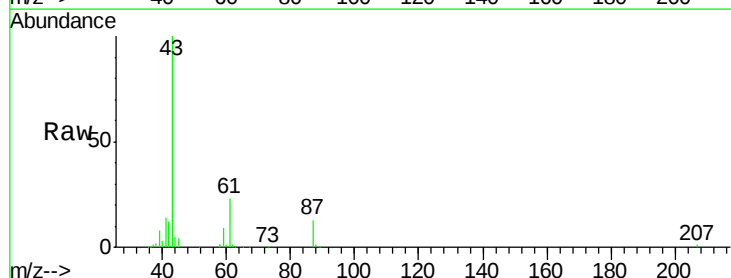
Tgt Ion: 43 Resp: 55493

Ion Ratio Lower Upper

43 100

61 21.2 16.2 24.2

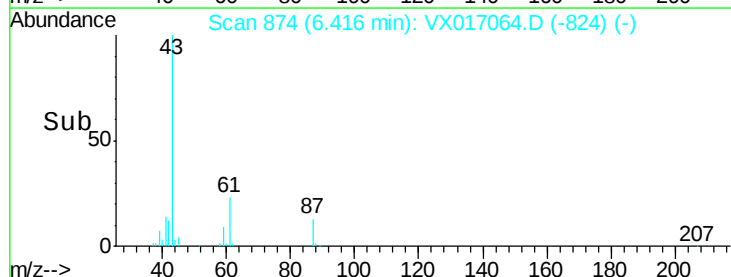
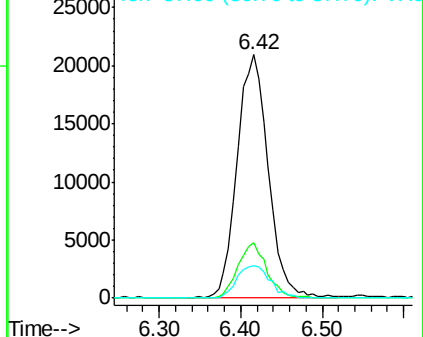
87 14.1 10.7 16.1

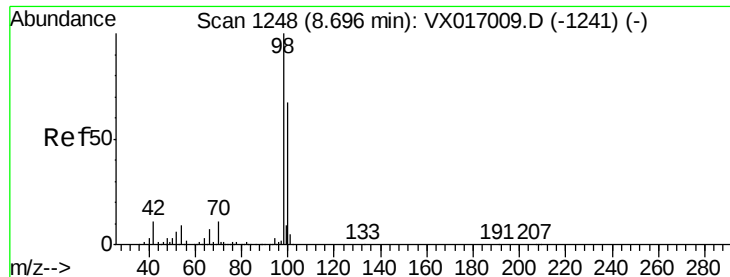


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.194 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

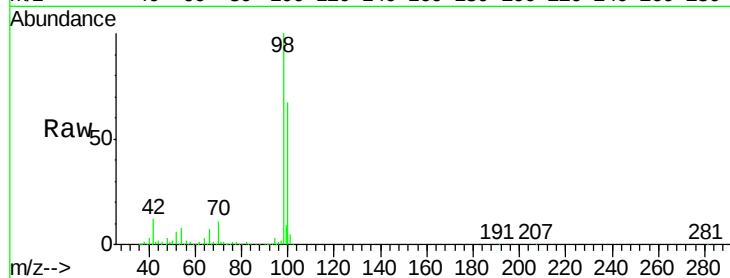
PB129852TB

Tot Ion: 98 Resp: 497541

Ion Ratio Lower Upper

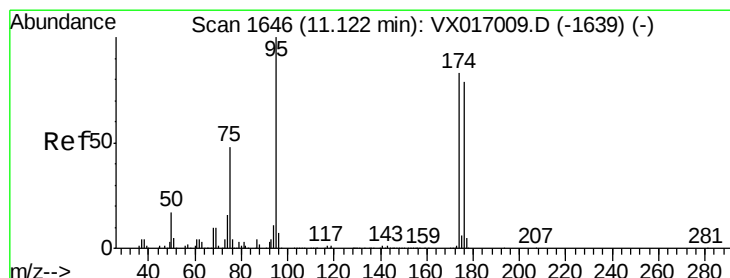
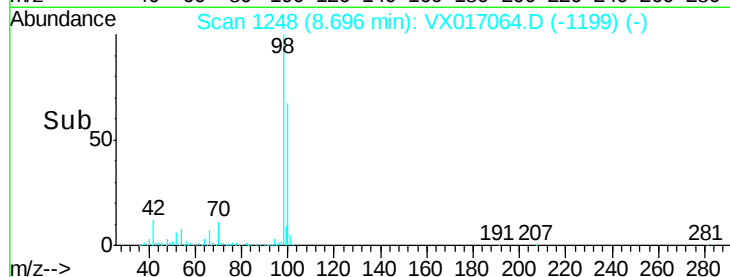
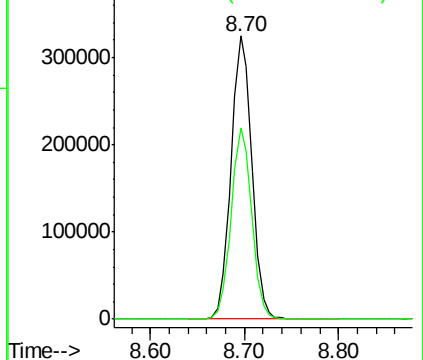
98 100

100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 56.548 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

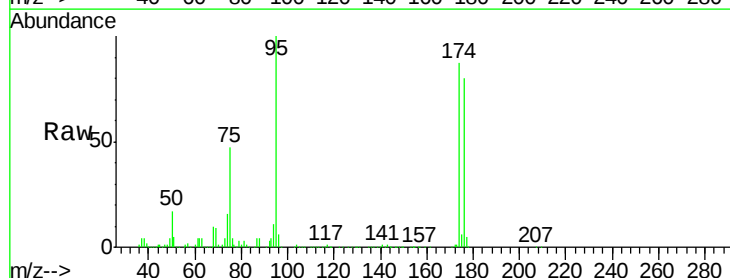
Tgt Ion: 95 Resp: 206759

Ion Ratio Lower Upper

95 100

174 85.0 0.0 164.0

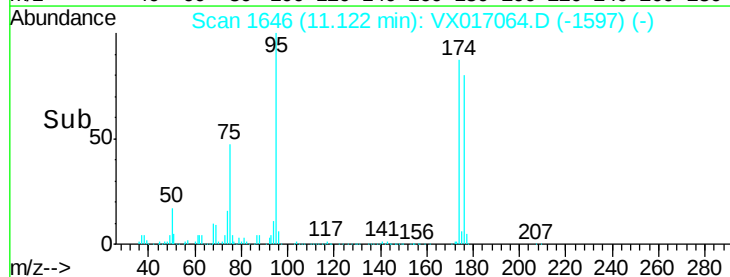
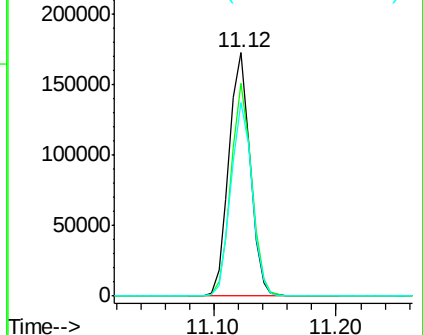
176 79.1 0.0 157.6

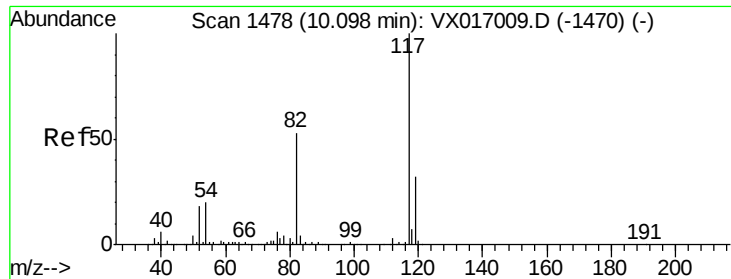


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

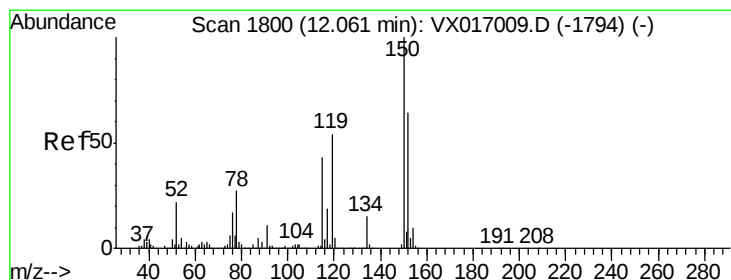
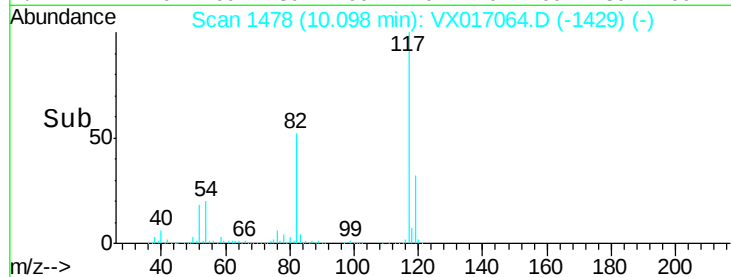
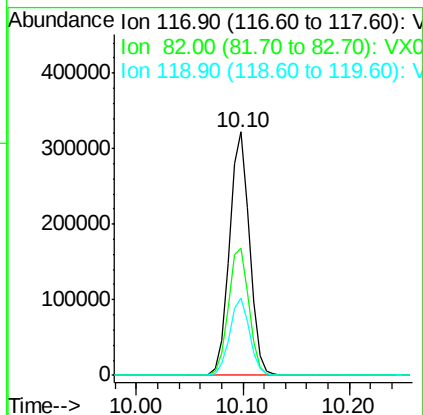
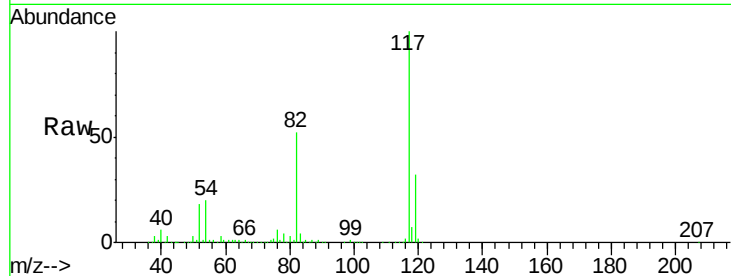




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

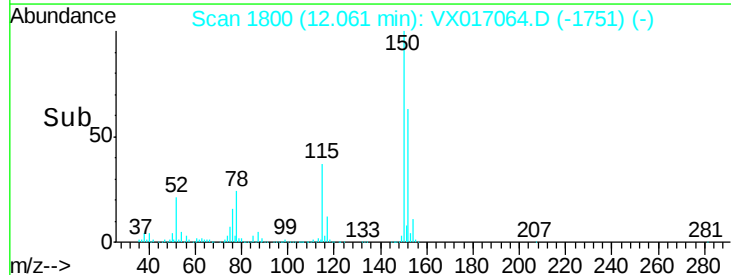
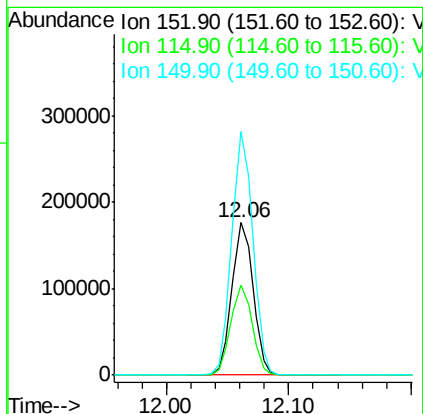
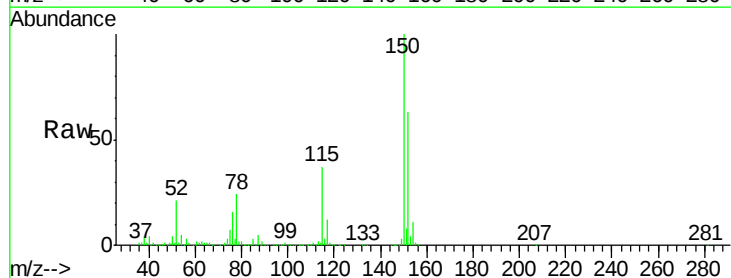
Instrument :
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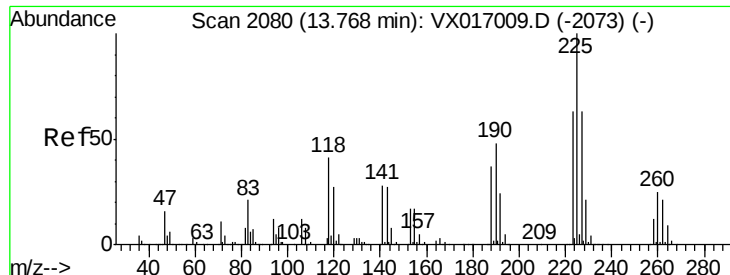
Tot Ion:117 Resp: 425477
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion:152 Resp: 210857
Ion Ratio Lower Upper
152 100
115 59.5 40.9 122.7
150 159.0 0.0 351.6





#94

Hexachlorobutadiene

Concen: 1.597 ug/l m

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

PB129852TB

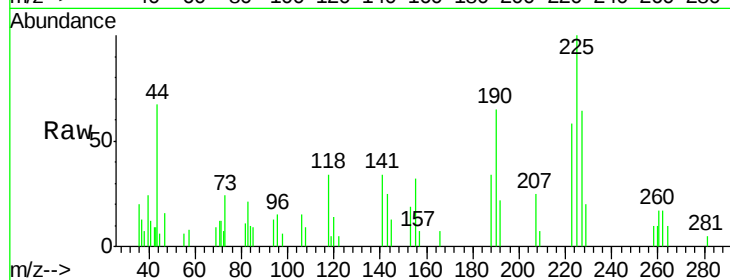
Tot Ion:225 Resp: 1278

Ion Ratio Lower Upper

225 100

223 0.0 32.5 97.5#

227 0.0 33.1 99.2#



Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

