

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019937.D
 Acq On : 12 Dec 2020 17:11
 Operator : JC/MD
 Sample : PB133524ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133524ZHE#01

Quant Time: Dec 14 08:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	489456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179773	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	189176	48.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.58%	
35) Dibromofluoromethane		5.46	113	153068	48.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.78%	
50) Toluene-d8		8.70	98	607533	50.31	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.62%	
62) 4-Bromofluorobenzene		11.12	95	203638	44.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.60%	

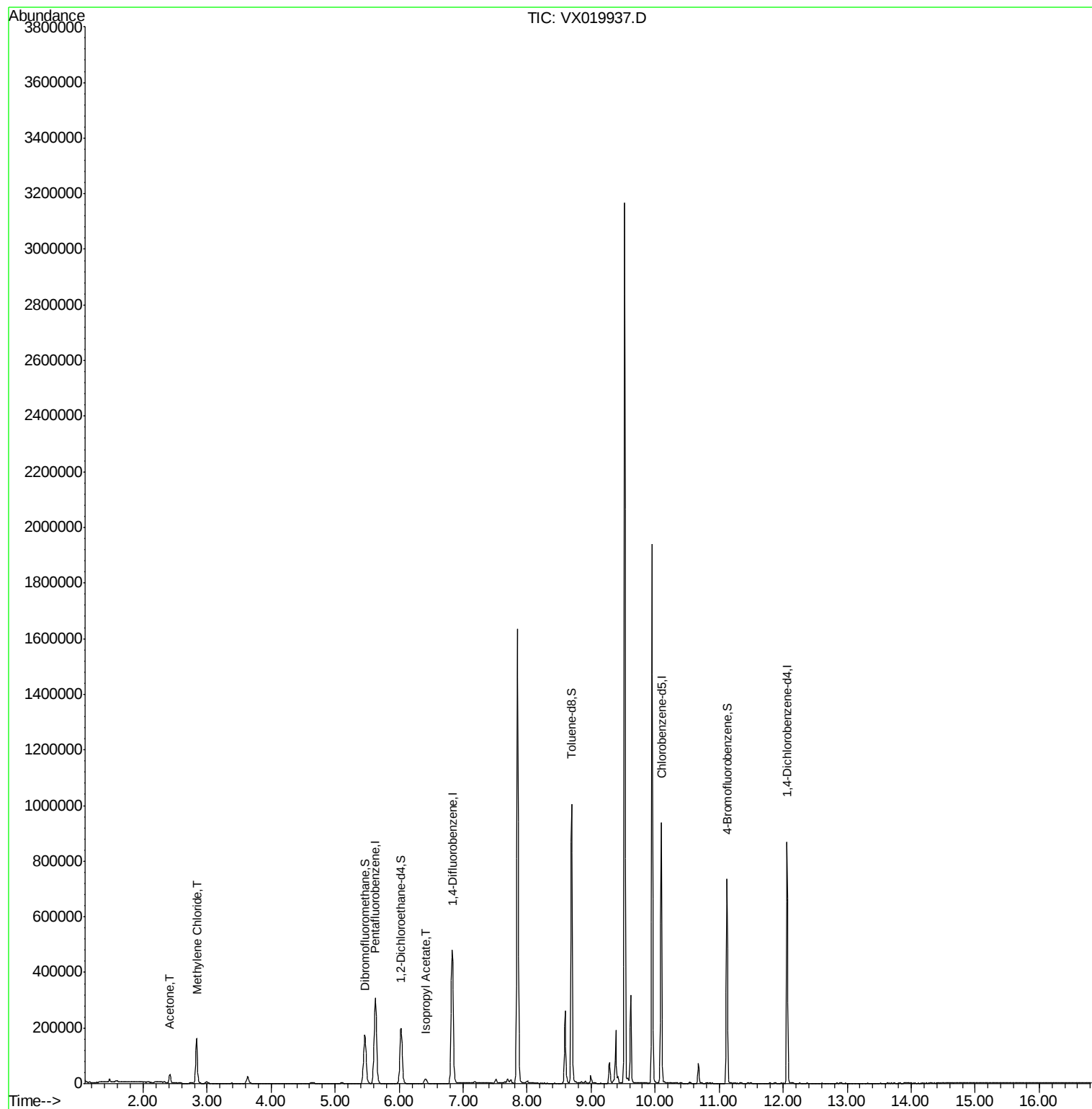
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	34316	23.547	ug/l	98
20) Methylene Chloride	2.84	84	78080	22.691	ug/l	97
43) Isopropyl Acetate	6.41	43	23339	3.215	ug/l	99

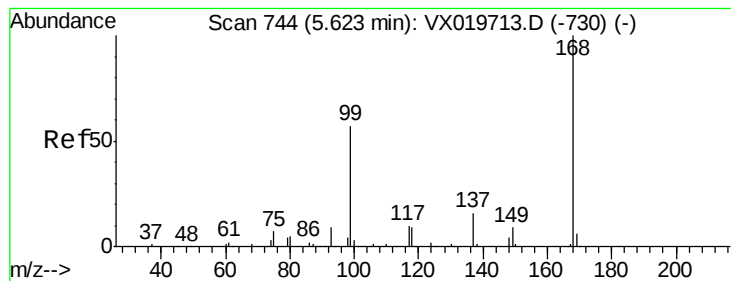
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 08:36:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 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: VX019937.D

Acq: 12 Dec 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

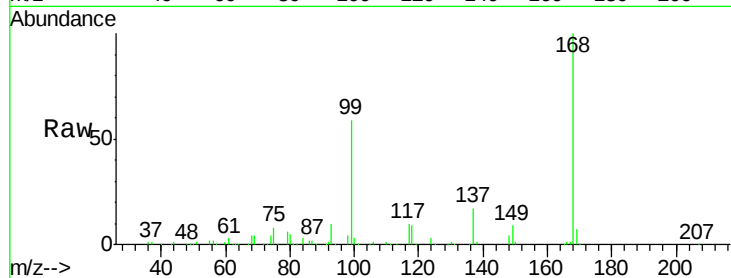
PB133524ZHE#01

Tot Ion:168 Resp: 295008

Ion Ratio Lower Upper

168 100

99 58.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

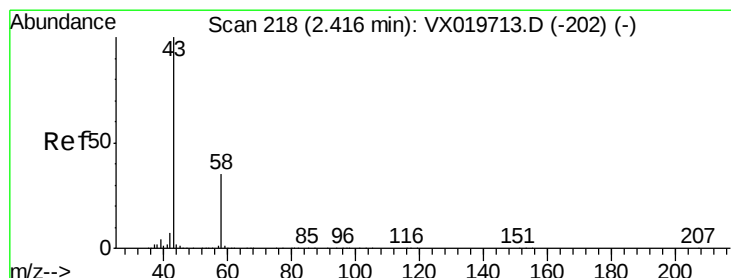
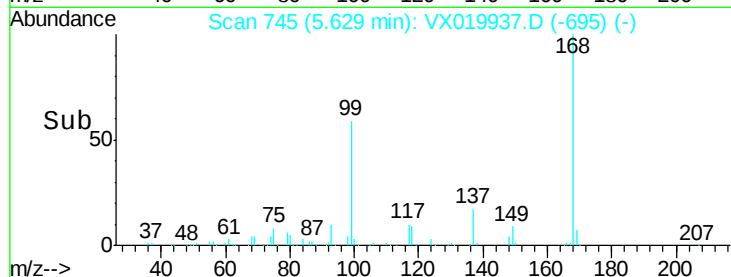
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 23.547 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019937.D

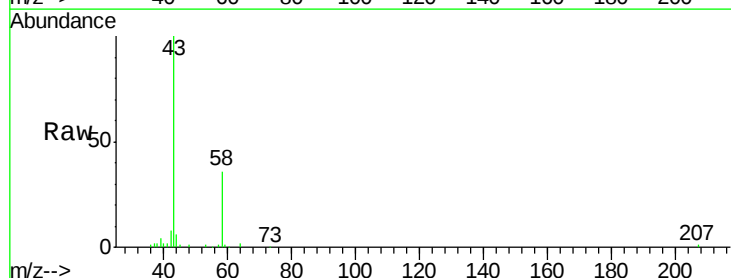
Acq: 12 Dec 2020 17:11

Tgt Ion: 43 Resp: 34316

Ion Ratio Lower Upper

43 100

58 35.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

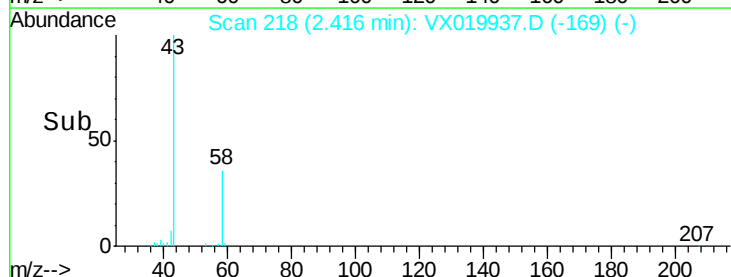
10000

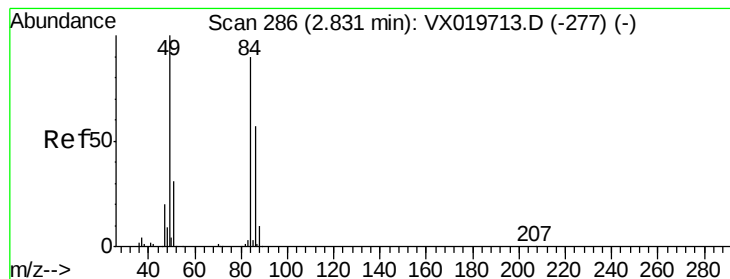
5000

0

Time-->

2.40 2.50





#20

Methylene Chloride

Concen: 22.691 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019937.D

Acq: 12 Dec 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#01

Tot Ion: 84 Resp: 78080

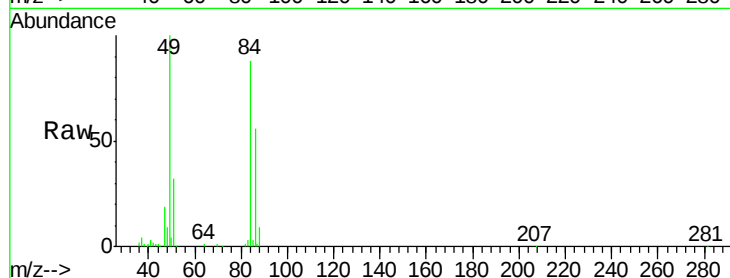
Ion Ratio Lower Upper

84 100

49 113.7 88.6 132.8

51 36.4 27.0 40.6

86 64.2 50.3 75.5

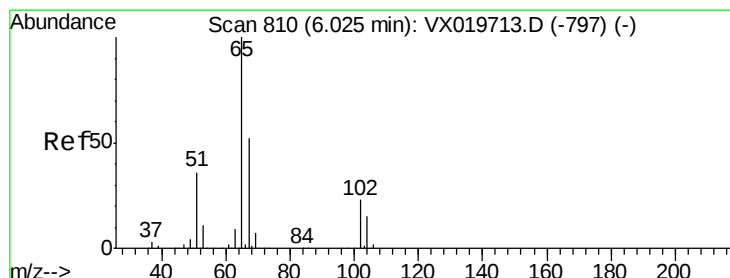
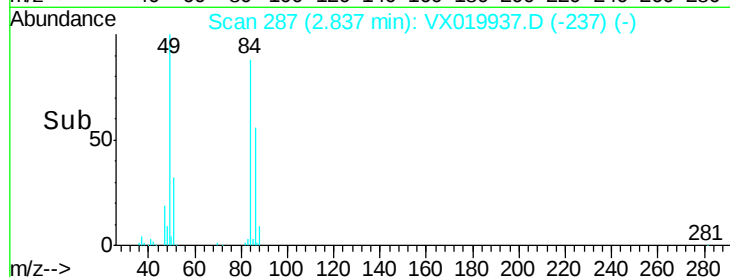
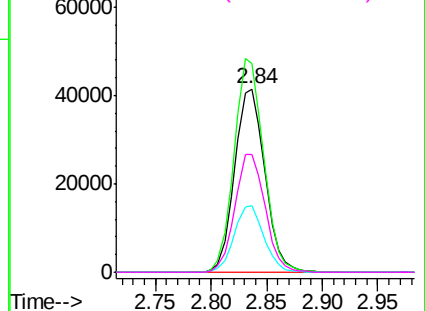


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.791 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019937.D

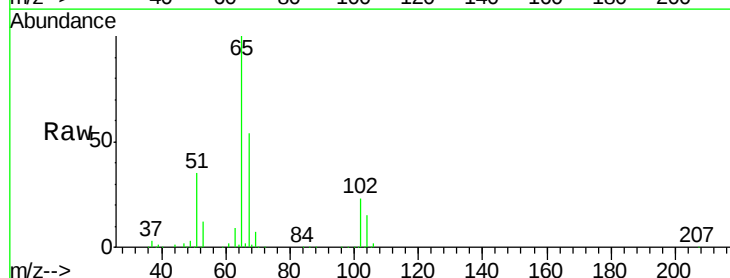
Acq: 12 Dec 2020 17:11

Tgt Ion: 65 Resp: 189176

Ion Ratio Lower Upper

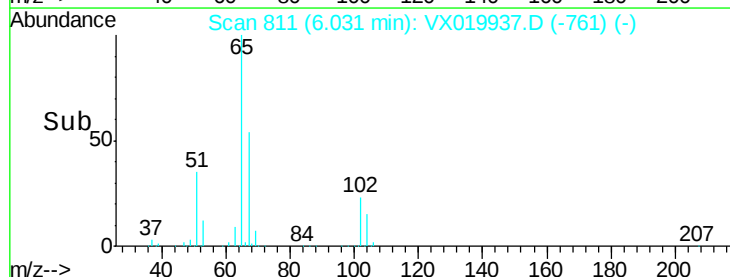
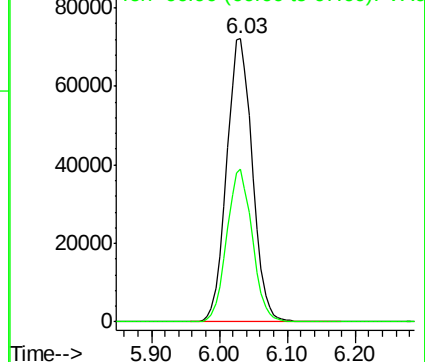
65 100

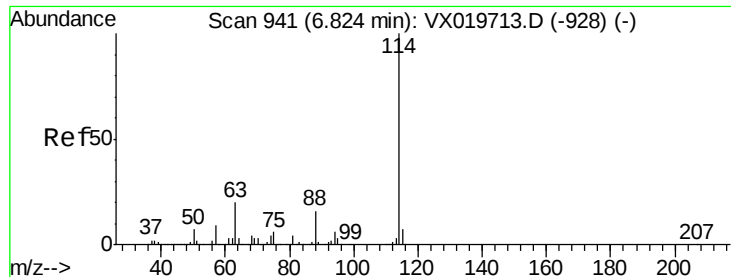
67 53.4 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019937.D

Acq: 12 Dec 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#01

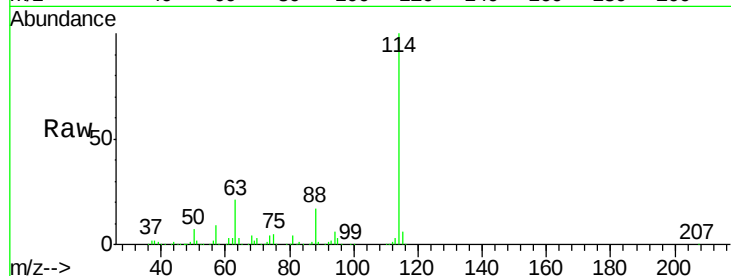
Tot Ion:114 Resp: 489456

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

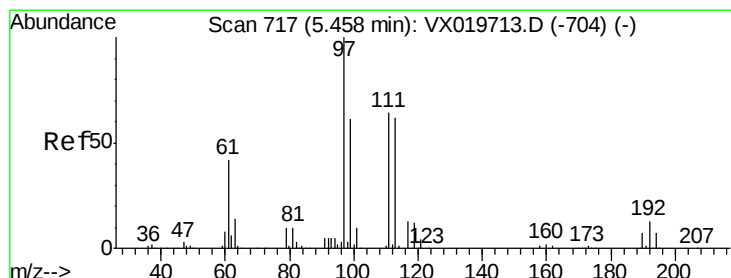
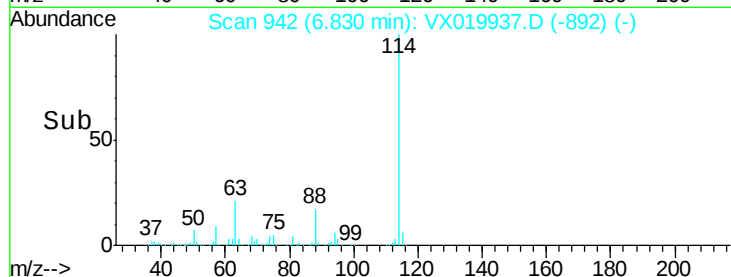
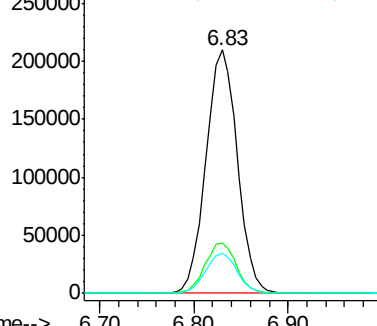
88 16.7 0.0 32.8



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: 48.389 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019937.D

Acq: 12 Dec 2020 17:11

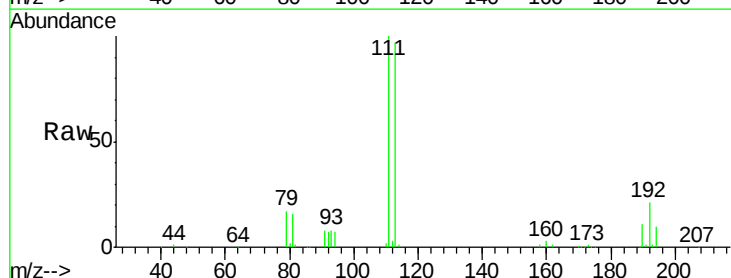
Tgt Ion:113 Resp: 153068

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

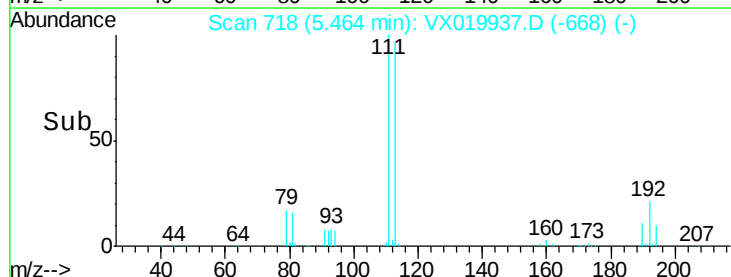
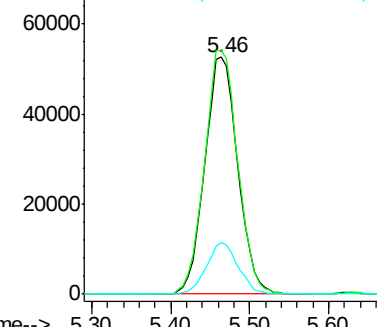
192 20.7 16.7 25.1

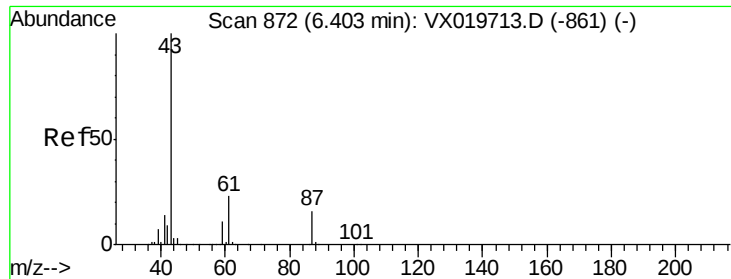


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.215 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019937.D

Acq: 12 Dec 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#01

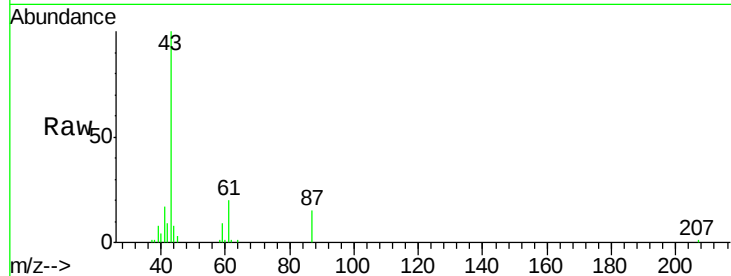
Tot Ion: 43 Resp: 23339

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

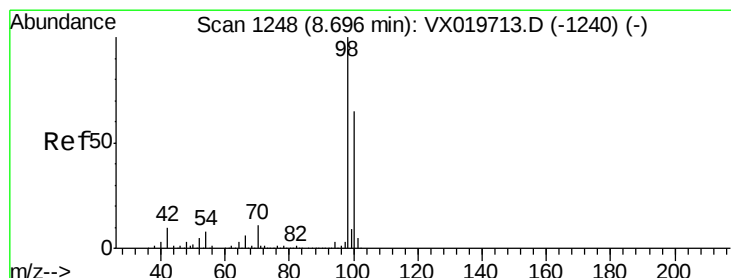
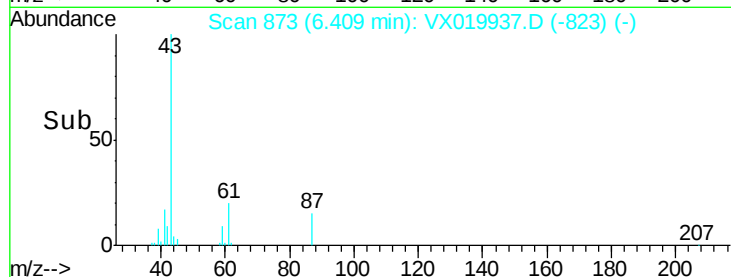
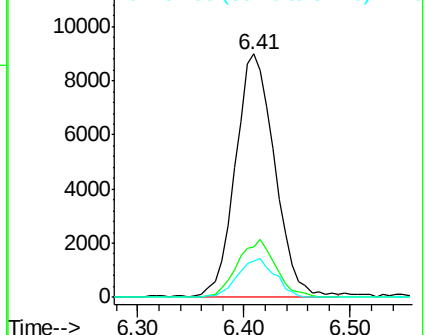
87 15.1 12.5 18.7



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: 50.307 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019937.D

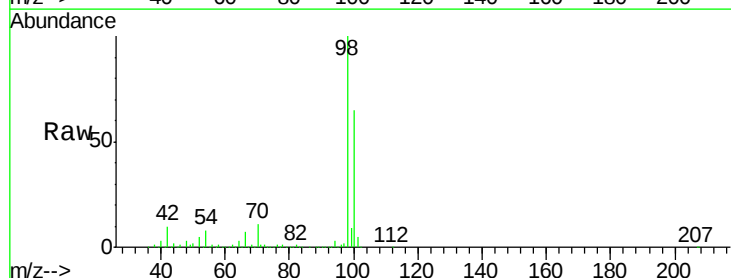
Acq: 12 Dec 2020 17:11

Tgt Ion: 98 Resp: 607533

Ion Ratio Lower Upper

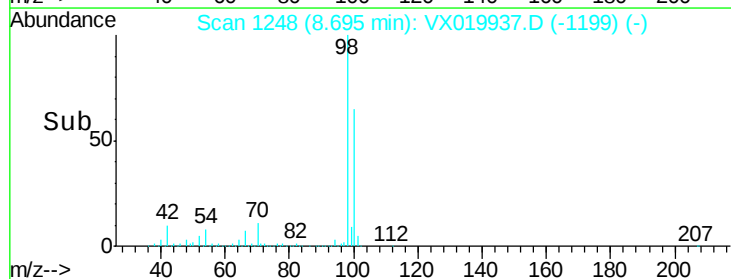
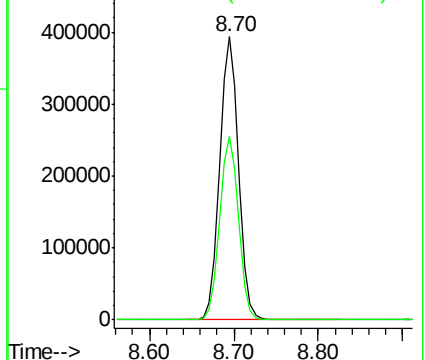
98 100

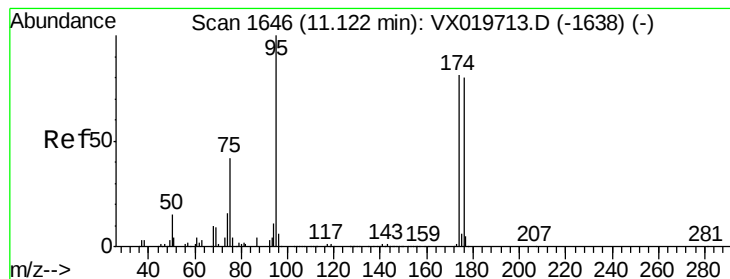
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.303 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019937.D

Acq: 12 Dec 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#01

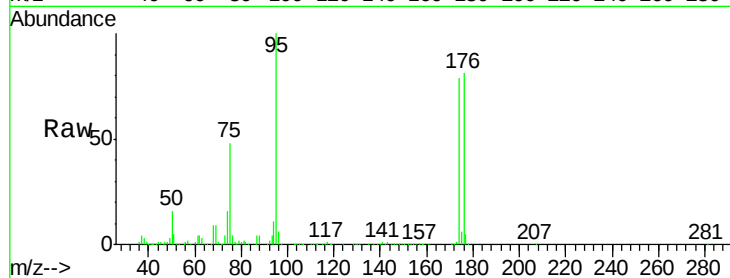
Tot Ion: 95 Resp: 203638

Ion Ratio Lower Upper

95 100

174 75.4 0.0 154.6

176 75.8 0.0 155.8



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

11.12

150000

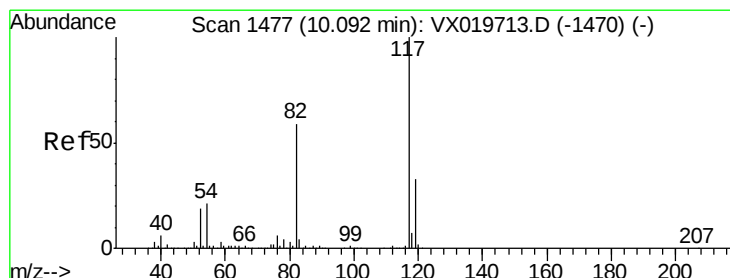
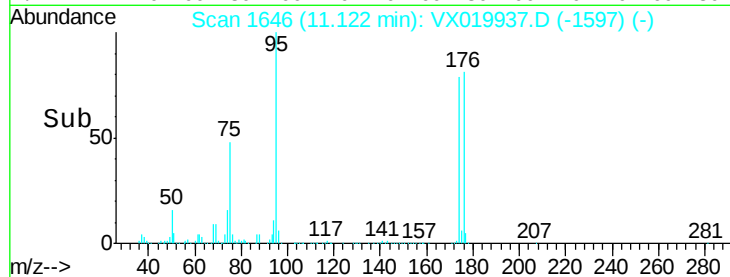
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019937.D

Acq: 12 Dec 2020 17:11

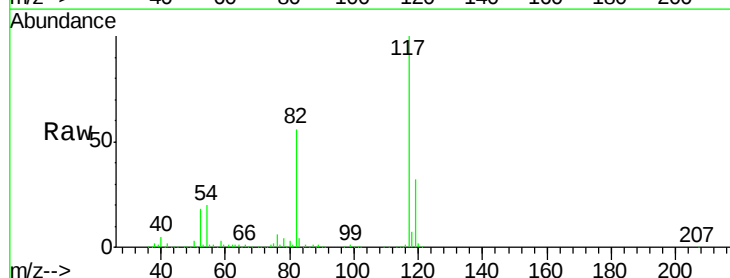
Tgt Ion: 117 Resp: 448354

Ion Ratio Lower Upper

117 100

82 56.3 47.4 71.2

119 32.4 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.10

400000

300000

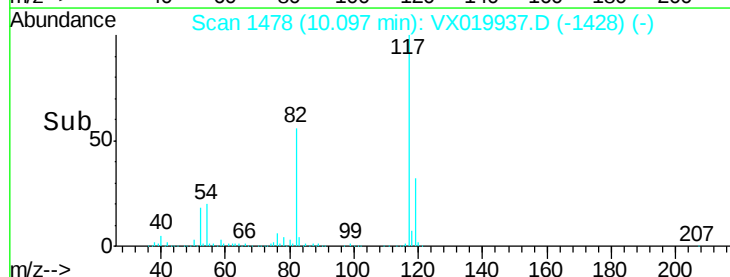
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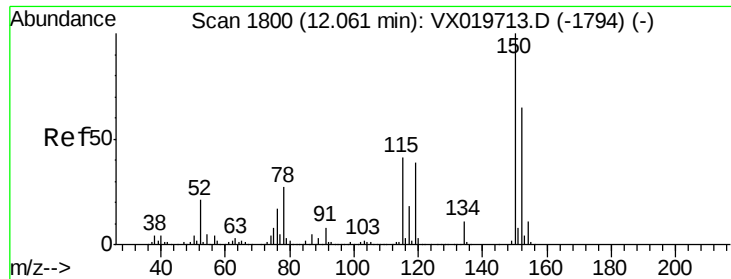
100000

0

10.00 10.10 10.20 10.30

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: VX019937.D

Acq: 12 Dec 2020 17:11

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#01

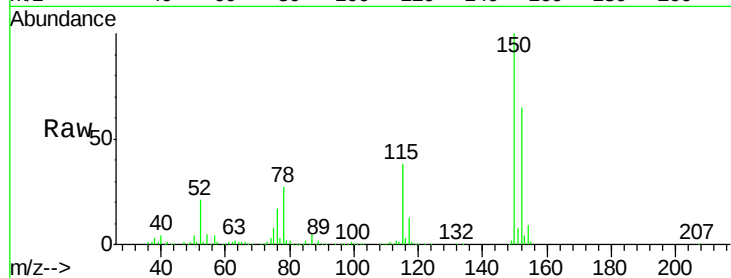
Tot Ion:152 Resp: 179773

Ion Ratio Lower Upper

152 100

115 58.6 41.1 123.3

150 155.8 0.0 349.0



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

