

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019848.D
 Acq On : 11 Dec 2020 01:11
 Operator : JC/MD
 Sample : L4983-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR1-B-BOTTOM

Quant Time: Dec 11 03:15:27 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	315110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	527468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	488340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216620	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.02	65	202140	48.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.62%	
35) Dibromofluoromethane		5.46	113	163238	47.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.78%	
50) Toluene-d8		8.70	98	643868	49.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.94%	
62) 4-Bromofluorobenzene		11.12	95	230441	46.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.04%	

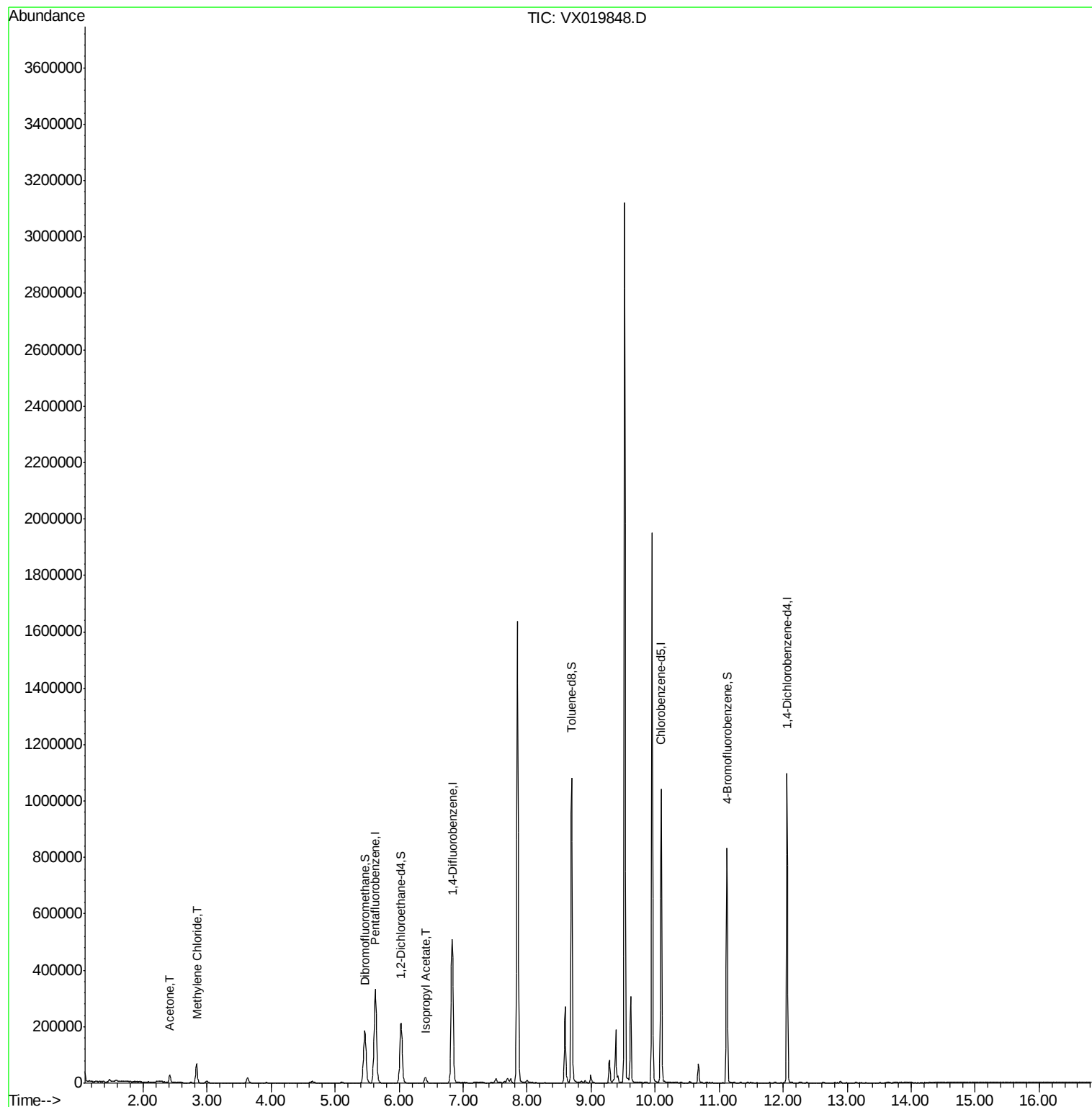
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	27470	17.647	ug/l	97
20) Methylene Chloride	2.84	84	33089	8.120	ug/l	98
43) Isopropyl Acetate	6.41	43	24546	3.137	ug/l	99

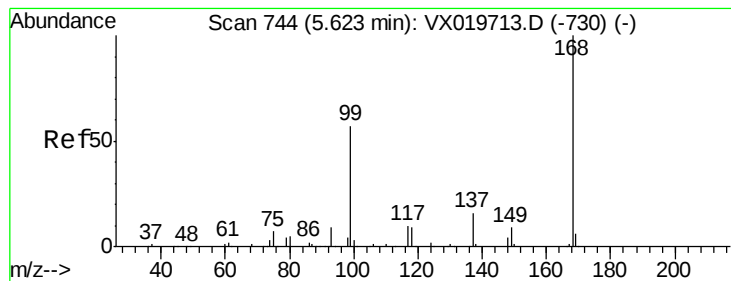
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019848.D

Acq: 11 Dec 2020 01:11

Instrument :

MSVOA_X

ClientSampled :

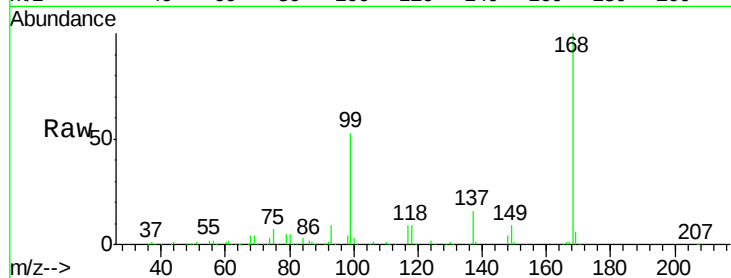
TR1-B-BOTTOM

Tot Ion:168 Resp: 315110

Ion Ratio Lower Upper

168 100

99 53.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

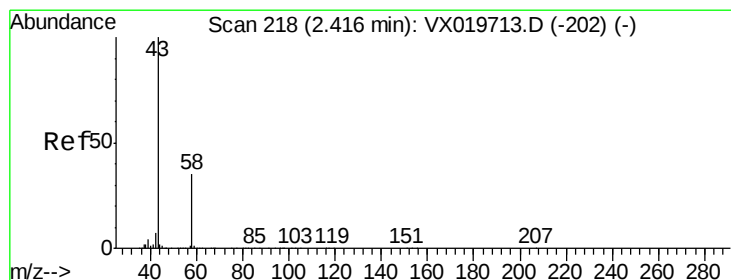
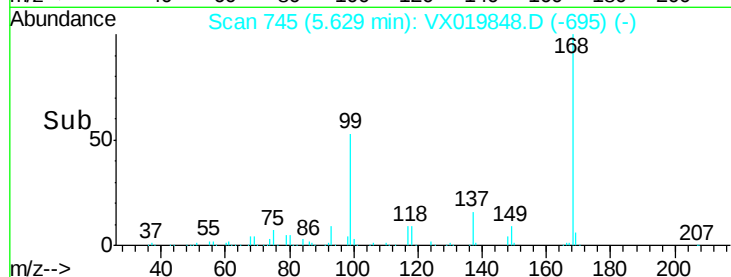
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 17.647 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019848.D

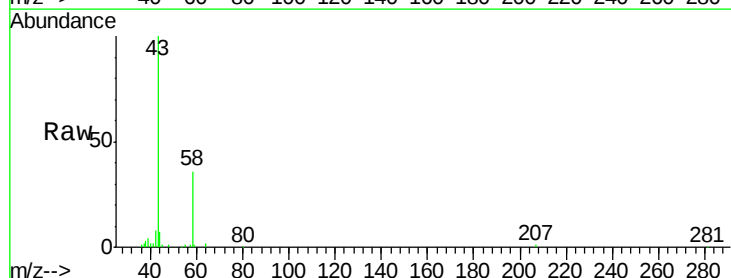
Acq: 11 Dec 2020 01:11

Tgt Ion: 43 Resp: 27470

Ion Ratio Lower Upper

43 100

58 36.5 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

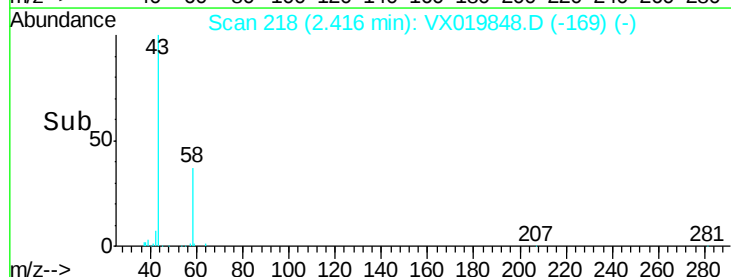
15000

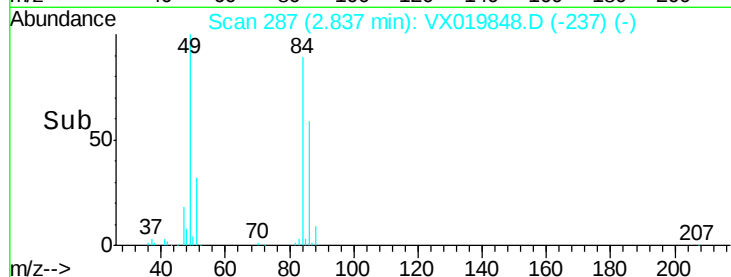
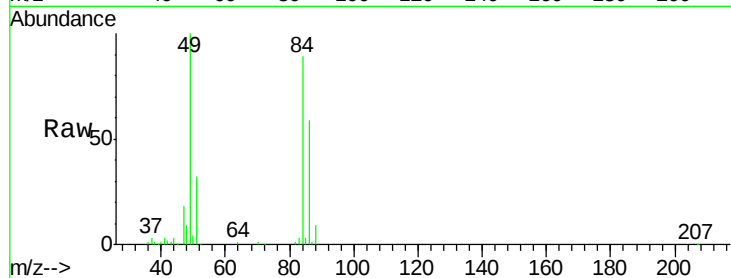
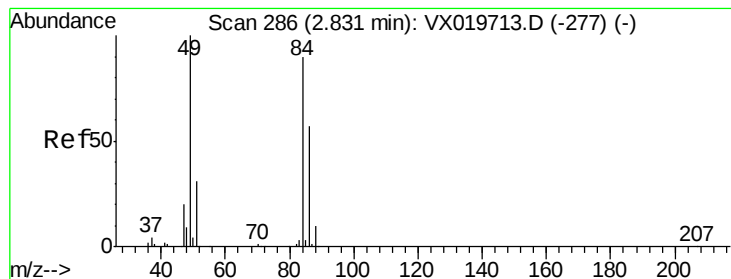
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 8.120 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019848.D

Acq: 11 Dec 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

TR1-B-BOTTOM

Tot Ion: 84 Resp: 33089

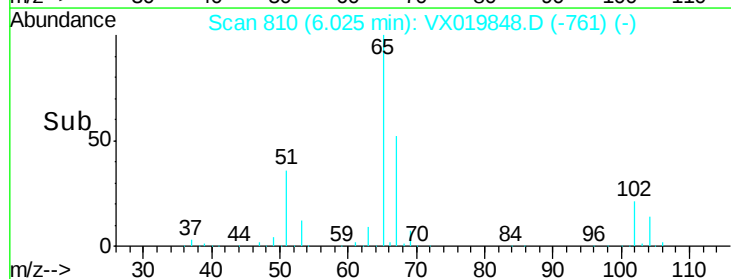
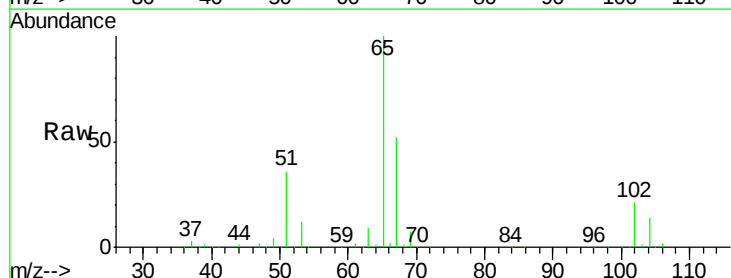
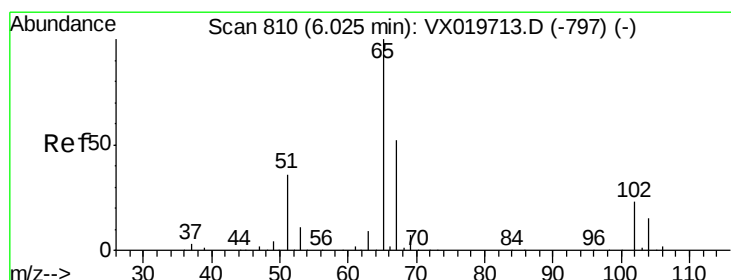
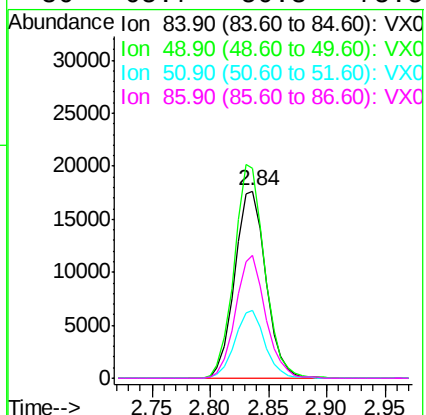
Ion Ratio Lower Upper

84 100

49 112.0 88.6 132.8

51 36.4 27.0 40.6

86 65.7 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 48.809 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019848.D

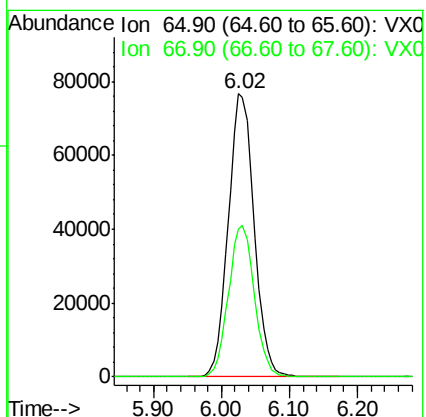
Acq: 11 Dec 2020 01:11

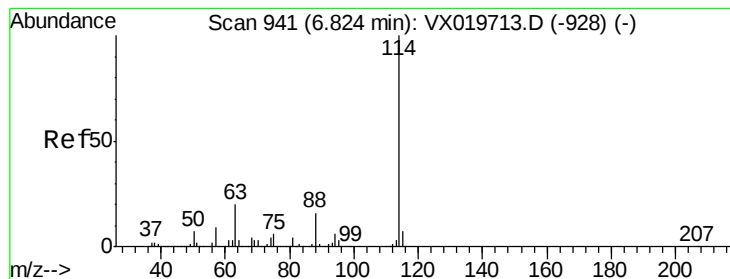
Tgt Ion: 65 Resp: 202140

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019848.D

Acq: 11 Dec 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

TR1-B-BOTTOM

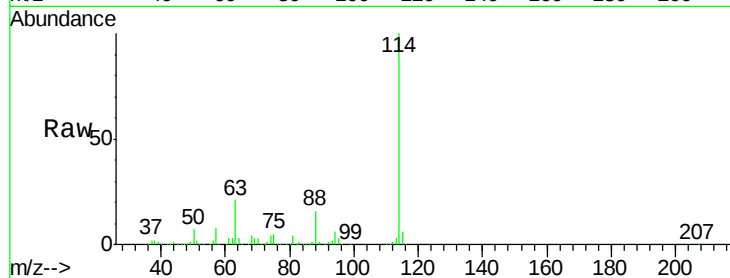
Tot Ion:114 Resp: 527468

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

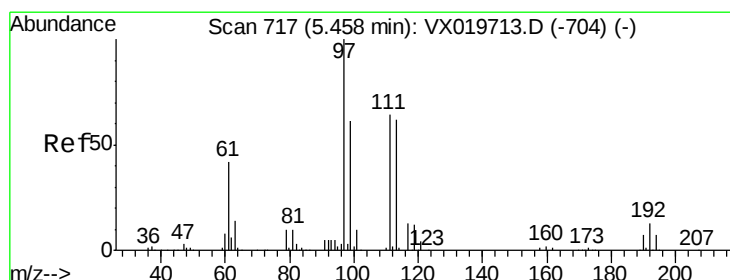
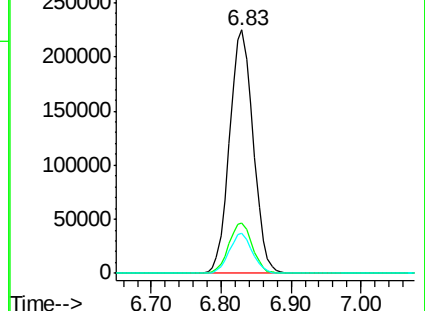
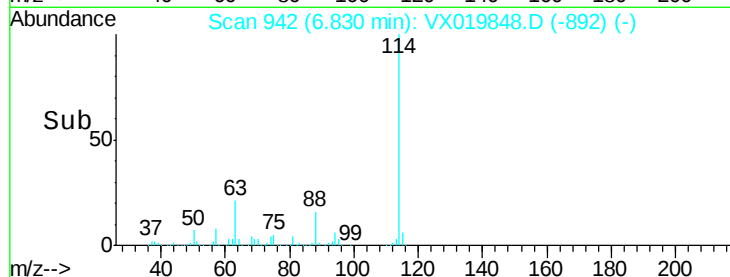
88 16.3 0.0 32.8



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: 47.885 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019848.D

Acq: 11 Dec 2020 01:11

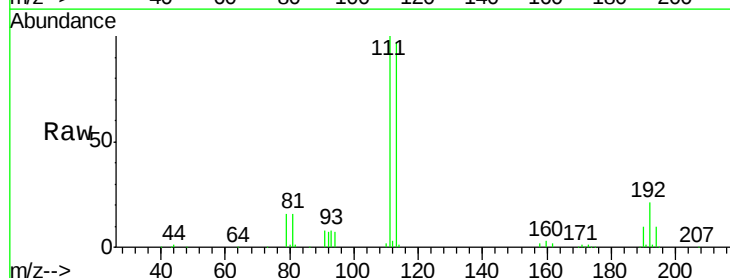
Tgt Ion:113 Resp: 163238

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

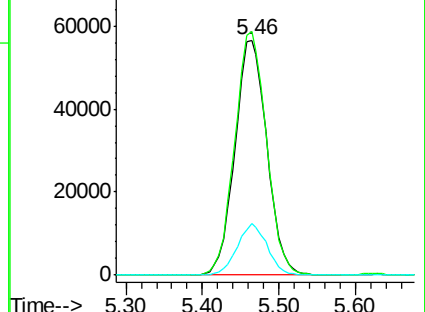
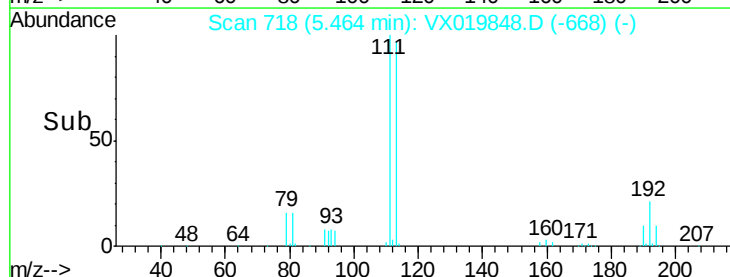
192 20.8 16.7 25.1

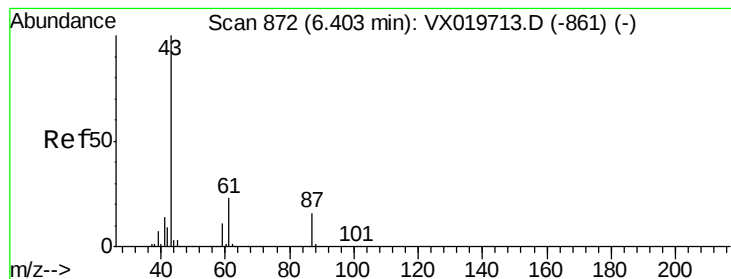


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.137 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019848.D

Acq: 11 Dec 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

TR1-B-BOTTOM

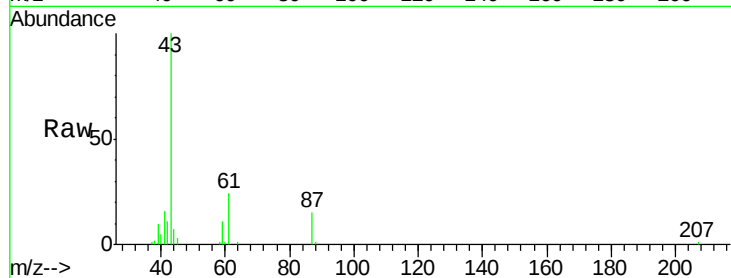
Tot Ion: 43 Resp: 24546

Ion Ratio Lower Upper

43 100

61 22.2 18.2 27.4

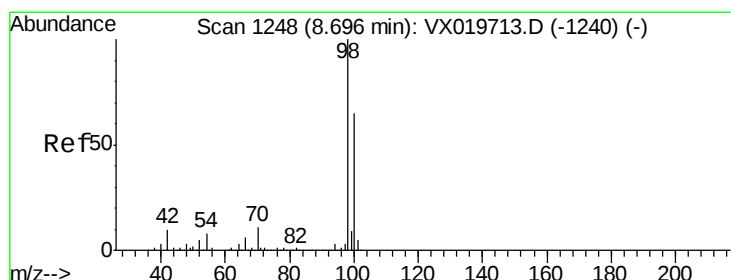
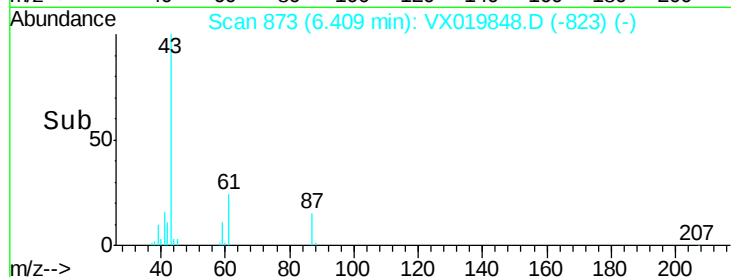
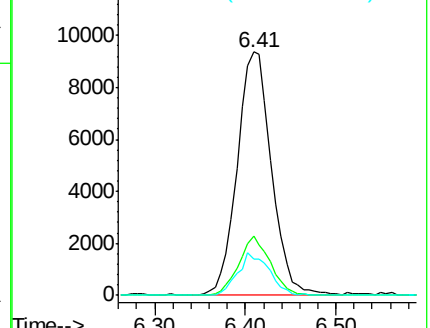
87 16.0 12.5 18.7



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: 49.473 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019848.D

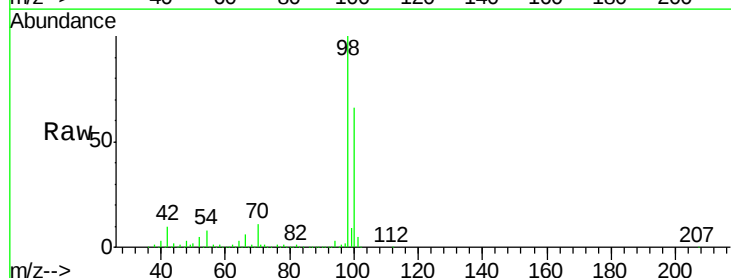
Acq: 11 Dec 2020 01:11

Tgt Ion: 98 Resp: 643868

Ion Ratio Lower Upper

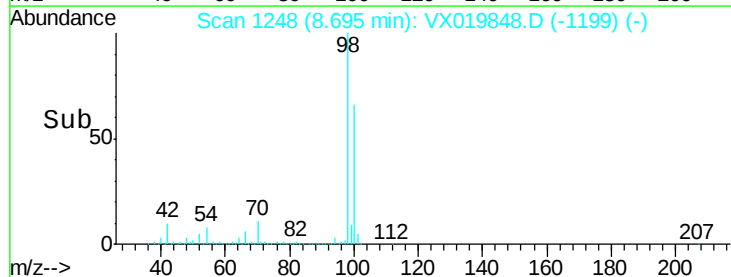
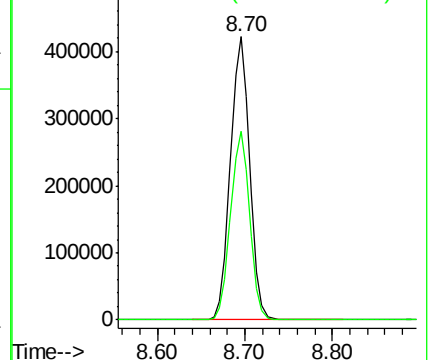
98 100

100 66.3 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: 46.521 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019848.D

Acq: 11 Dec 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

TR1-B-BOTTOM

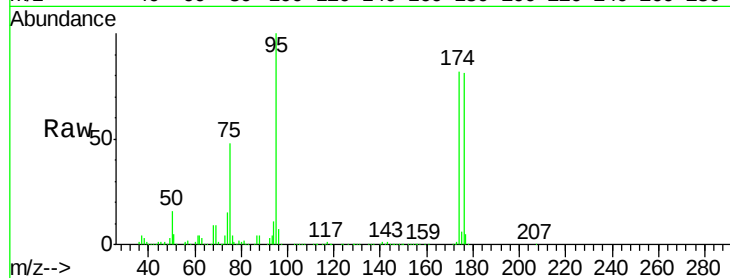
Tot Ion: 95 Resp: 230441

Ion Ratio Lower Upper

95 100

174 78.3 0.0 154.6

176 77.2 0.0 155.8



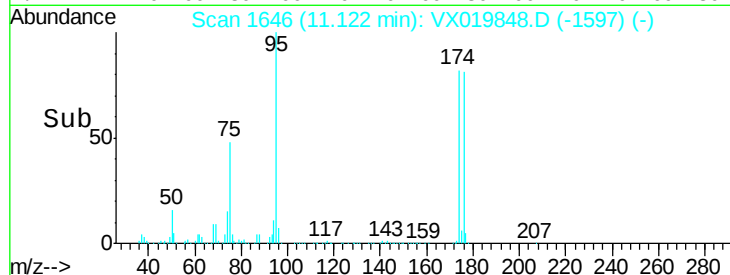
Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

Ion 173.80 (173.50 to 174.50): VX019713.D (-1638) (-)

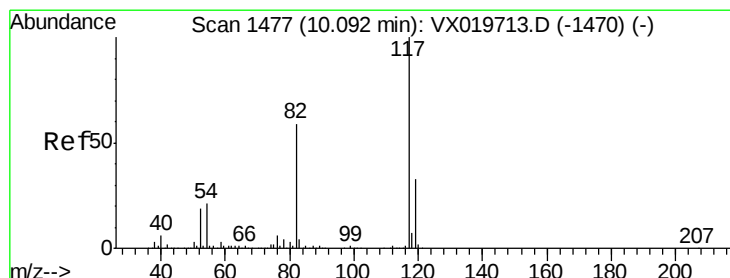
Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

11.12

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019848.D

Acq: 11 Dec 2020 01:11

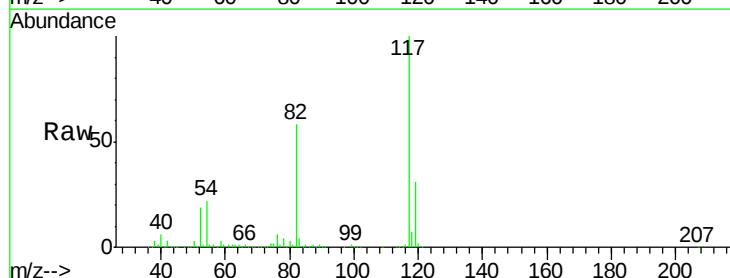
Tgt Ion: 117 Resp: 488340

Ion Ratio Lower Upper

117 100

82 57.6 47.4 71.2

119 30.7 26.6 39.8



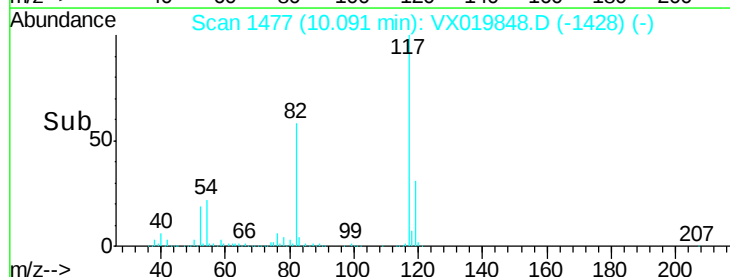
Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019713.D (-1470) (-)

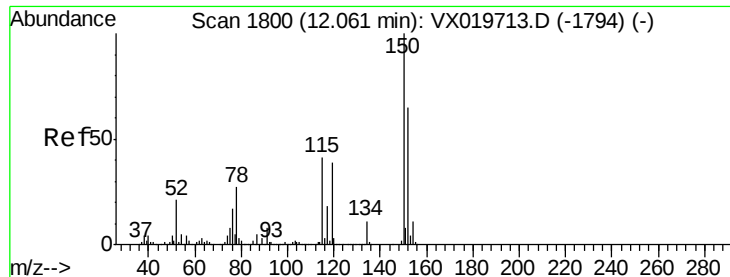
Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

10.09

Time-->



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: VX019848.D

Acq: 11 Dec 2020 01:11

Instrument :

MSVOA_X

ClientSampleId :

TR1-B-BOTTOM

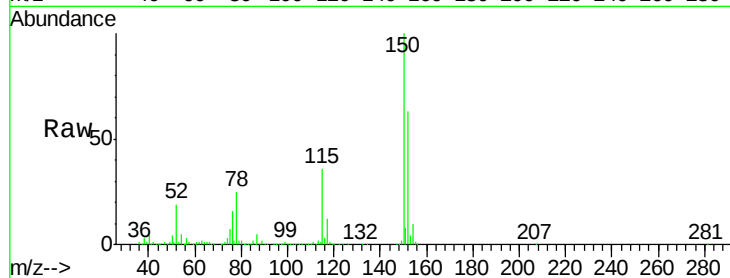
Tot Ion:152 Resp: 216620

Ion Ratio Lower Upper

152 100

115 59.1 41.1 123.3

150 154.9 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

