

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019855.D
 Acq On : 11 Dec 2020 03:53
 Operator : JC/MD
 Sample : L4983-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR2-B-TOP

Quant Time: Dec 11 06:00:40 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	323835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	537015	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	501370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	204681	48.09	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.18%		
35) Dibromofluoromethane	5.46	113	166398	47.94	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.88%		
50) Toluene-d8	8.70	98	660668	49.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.72%		
62) 4-Bromofluorobenzene	11.12	95	227024	45.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.04%		

Target Compounds

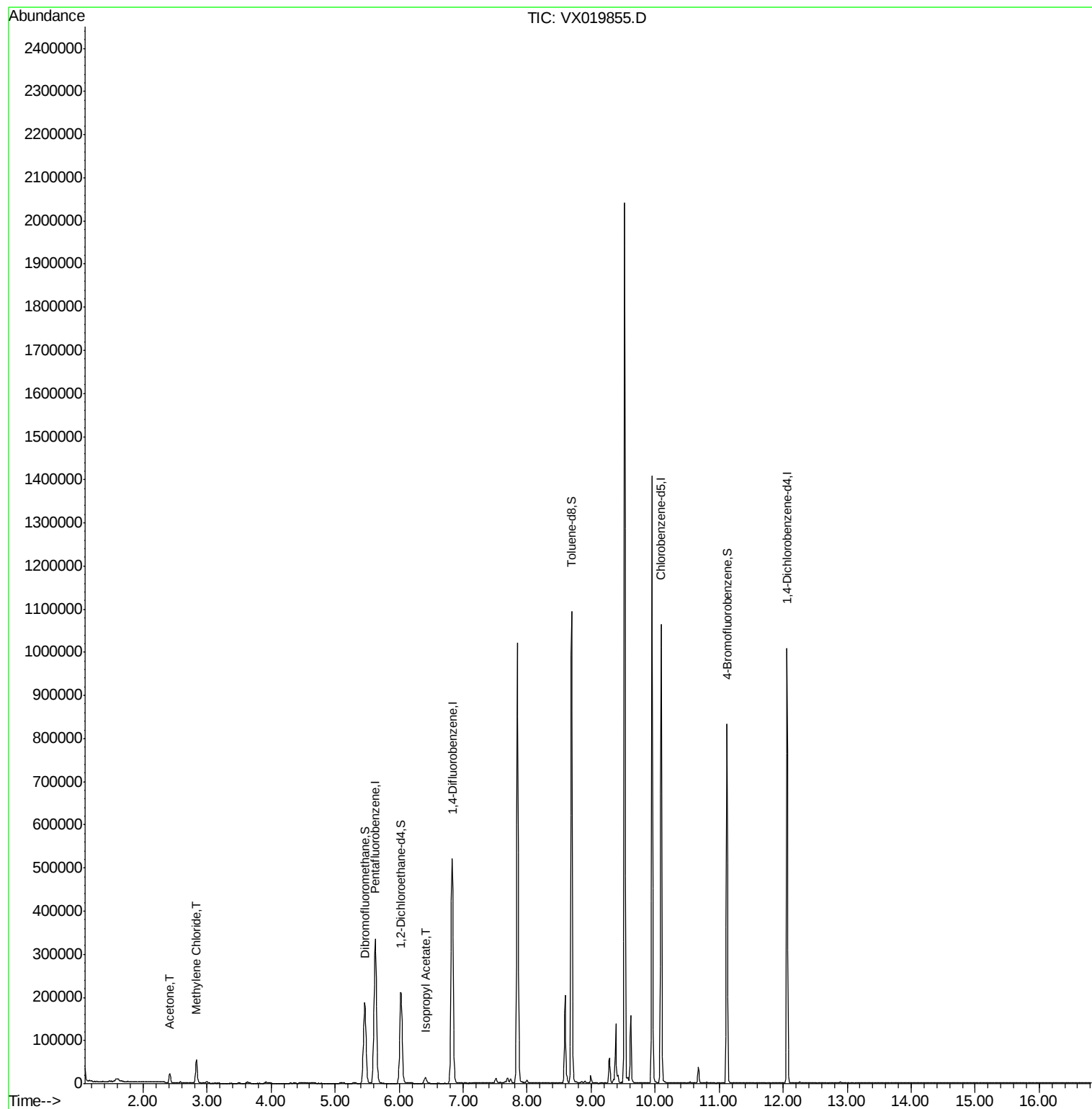
					Qvalue
16) Acetone	2.42	43	22531	14.084	ug/l 100
20) Methylene Chloride	2.83	84	26497	6.004	ug/l 97
43) Isopropyl Acetate	6.41	43	17954	2.254	ug/l 99

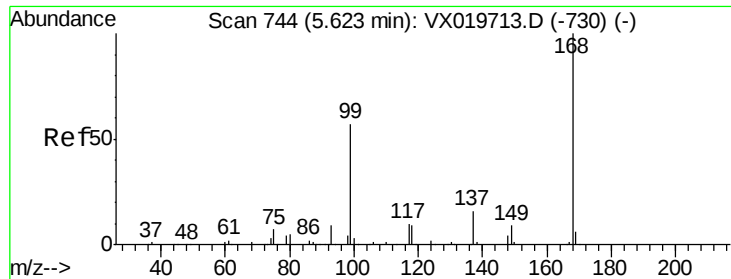
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019855.D

Acq: 11 Dec 2020 03:53

Instrument :

MSVOA_X

ClientSampleId :

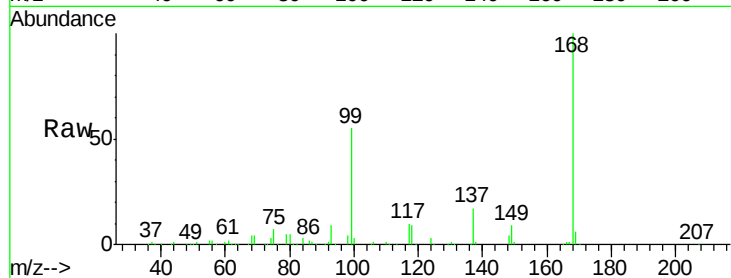
TR2-B-TOP

Tot Ion:168 Resp: 323835

Ion Ratio Lower Upper

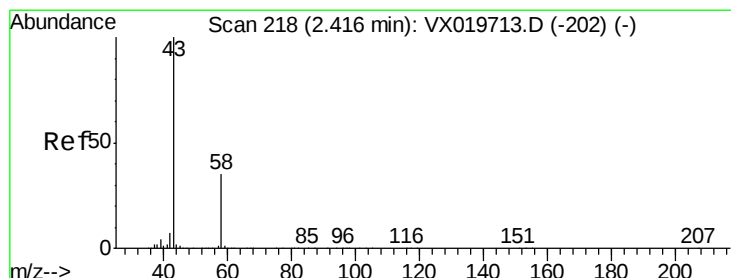
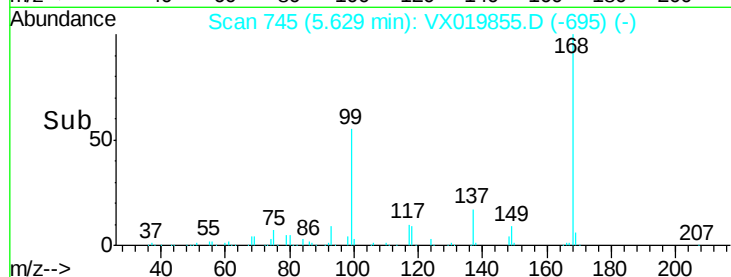
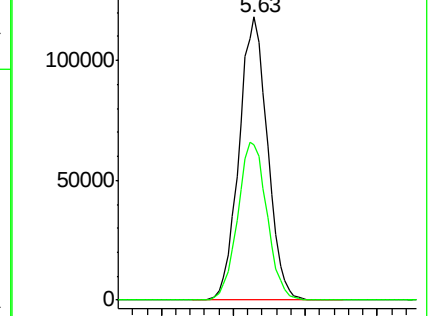
168 100

99 55.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.084 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019855.D

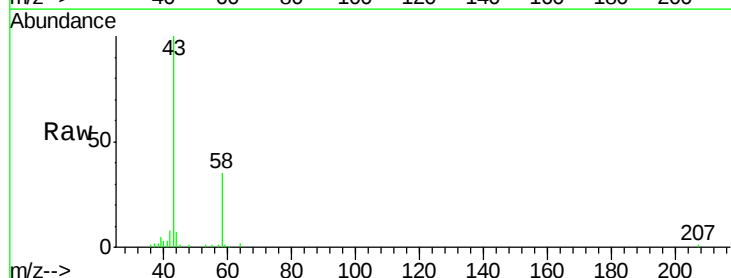
Acq: 11 Dec 2020 03:53

Tgt Ion: 43 Resp: 22531

Ion Ratio Lower Upper

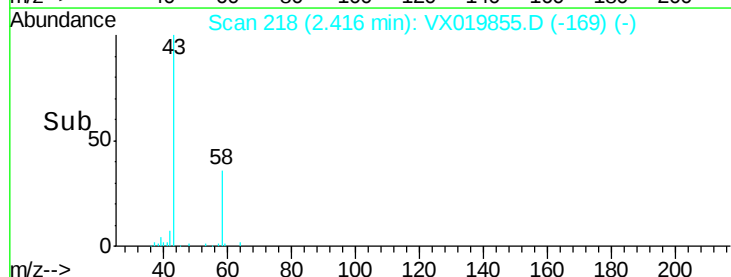
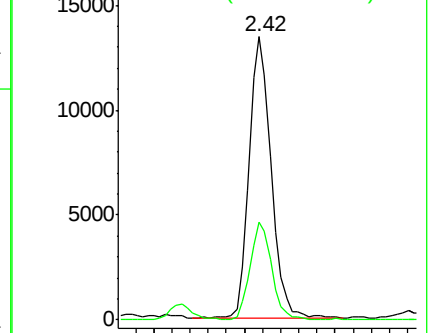
43 100

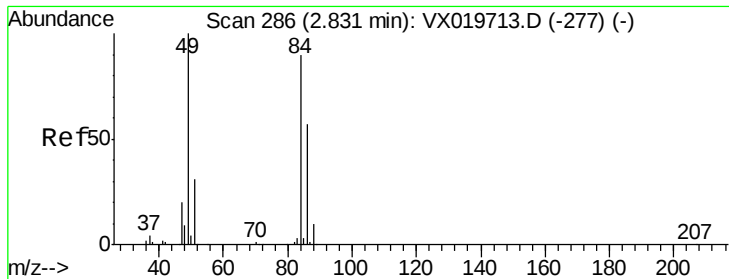
58 34.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

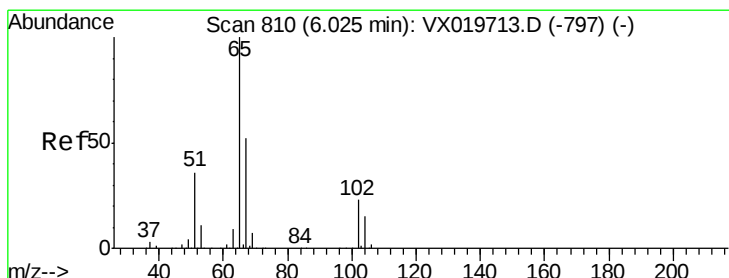
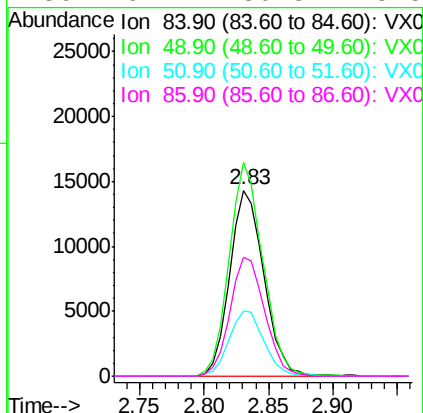
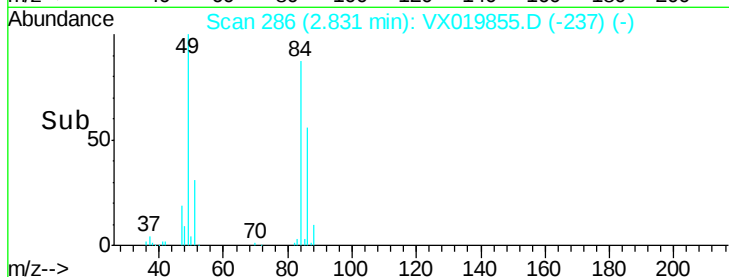
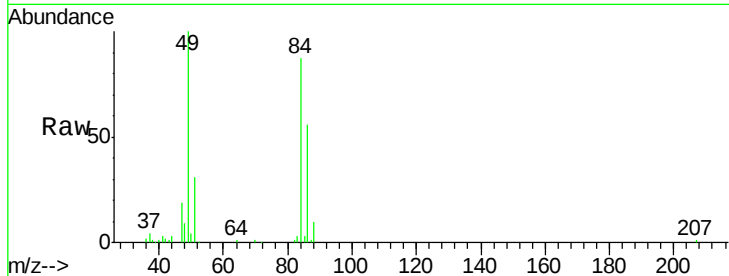




#20
Methvlene Chloride
Concen: 6.004 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019855.D
Acq: 11 Dec 2020 03:53

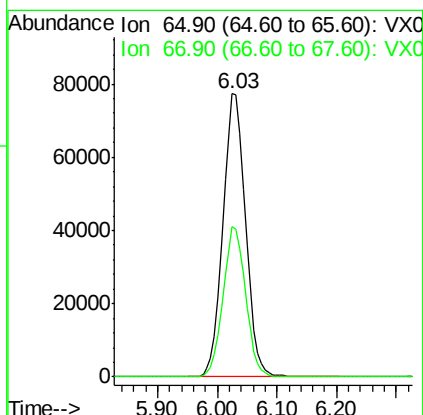
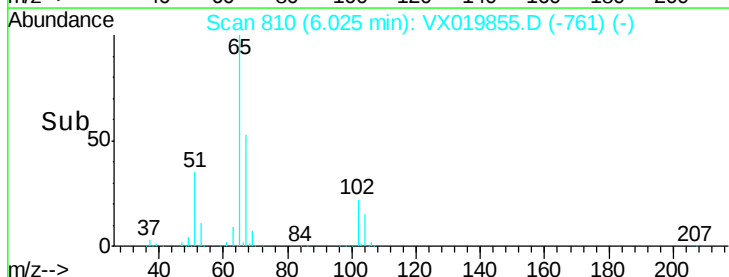
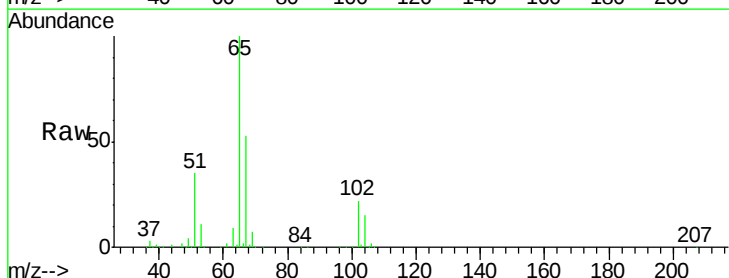
Instrument :
MSVOA_X
ClientSampled :
TR2-B-TOP

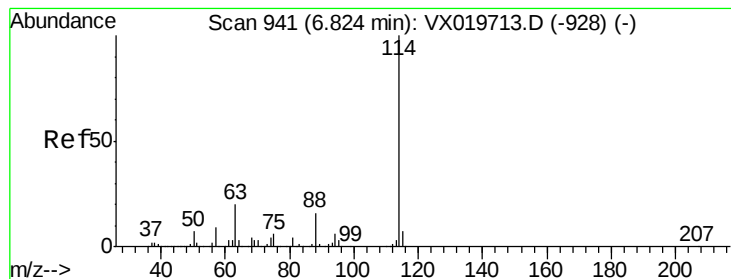
Tot Ion:	84	Resp:	26497
Ion	Ratio	Lower	Upper
84	100		
49	114.9	88.6	132.8
51	35.5	27.0	40.6
86	64.2	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 48.091 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019855.D
Acq: 11 Dec 2020 03:53

Tgt Ion:	65	Resp:	204681
Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VX019855.D

Acq: 11 Dec 2020 03:53

Instrument :

MSVOA_X

ClientSampleId :

TR2-B-TOP

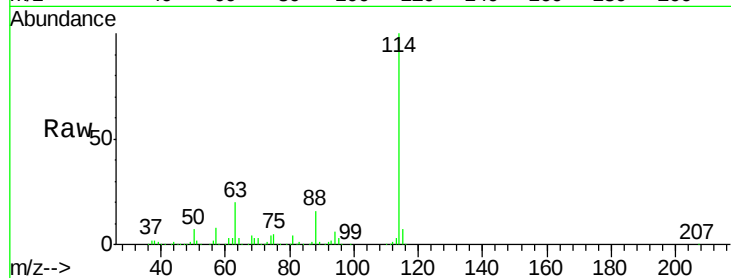
Tot Ion:114 Resp: 537015

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

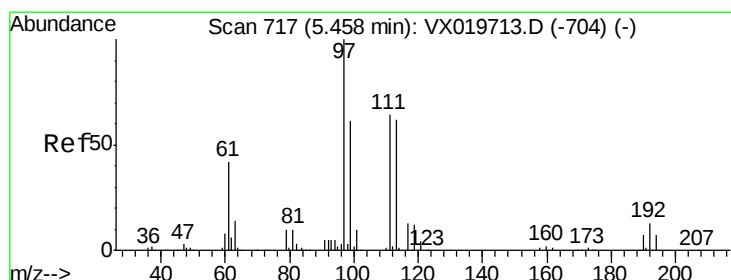
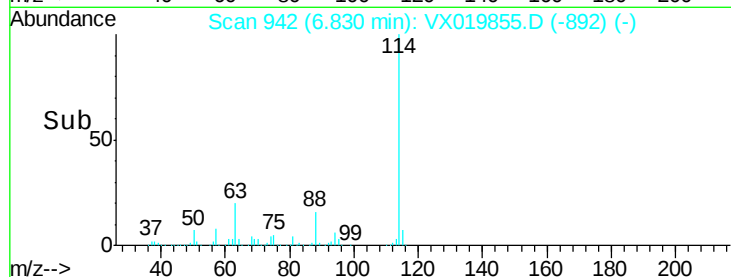
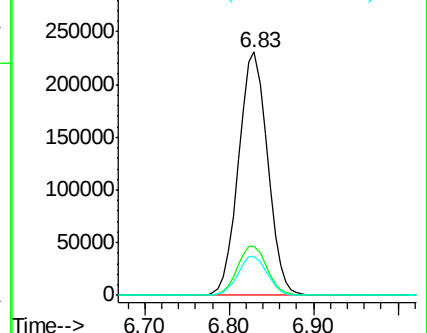
88 15.9 0.0 32.8



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: 47.944 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019855.D

Acq: 11 Dec 2020 03:53

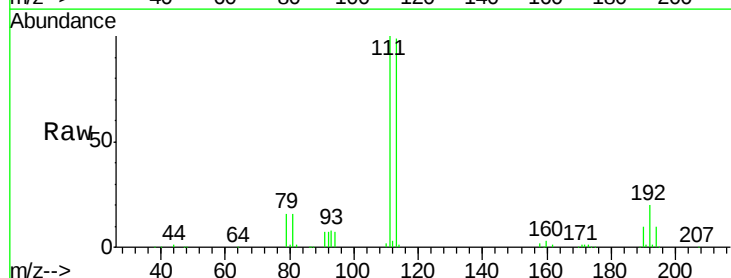
Tgt Ion:113 Resp: 166398

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

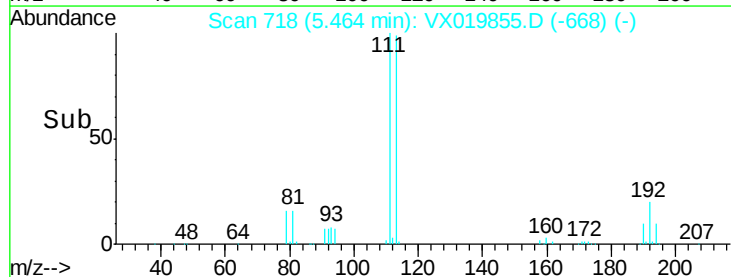
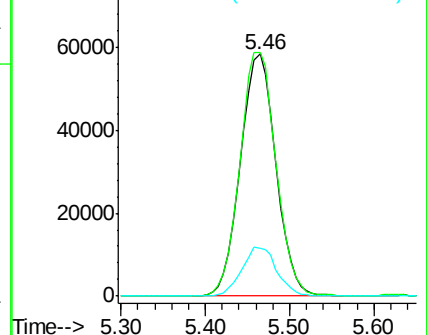
192 20.0 16.7 25.1

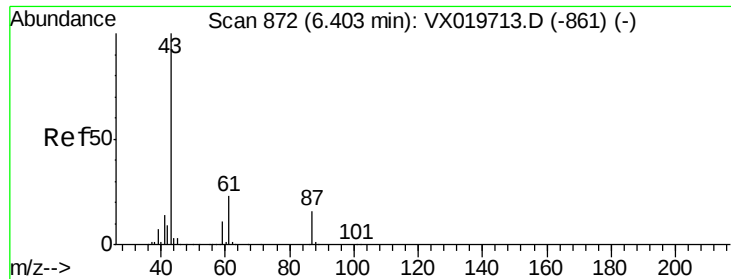


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.254 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019855.D

Acq: 11 Dec 2020 03:53

Instrument :

MSVOA_X

ClientSampleId :

TR2-B-TOP

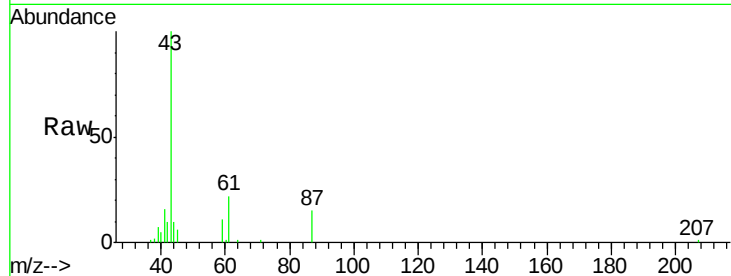
Tot Ion: 43 Resp: 17954

Ion Ratio Lower Upper

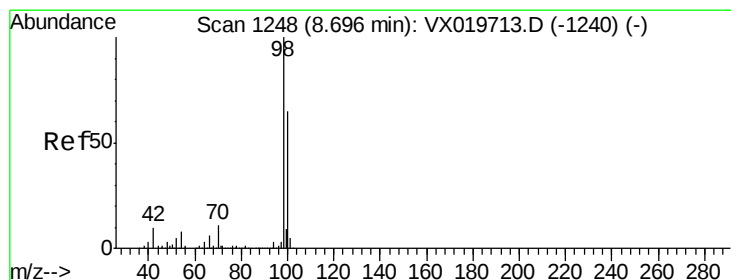
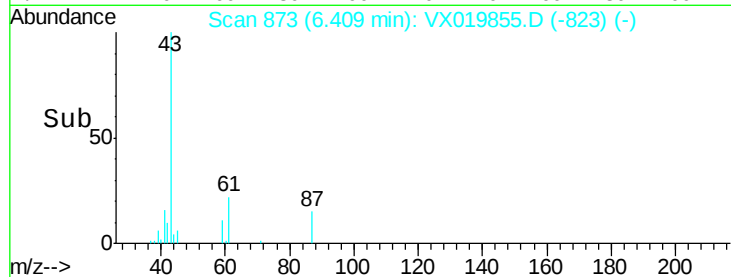
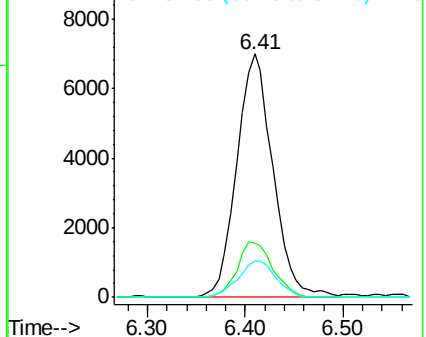
43 100

61 22.4 18.2 27.4

87 15.4 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: 49.862 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019855.D

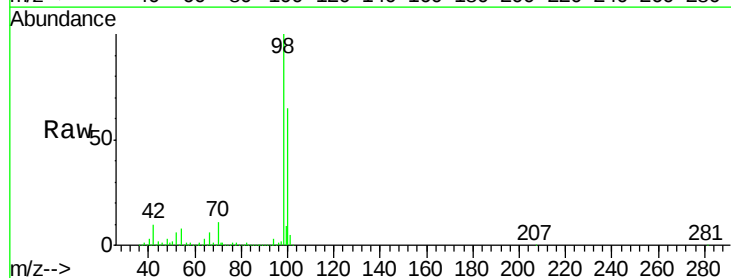
Acq: 11 Dec 2020 03:53

Tgt Ion: 98 Resp: 660668

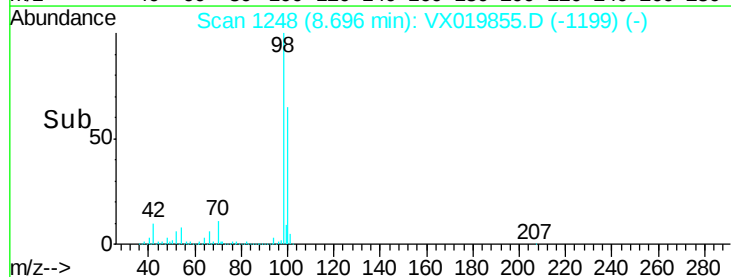
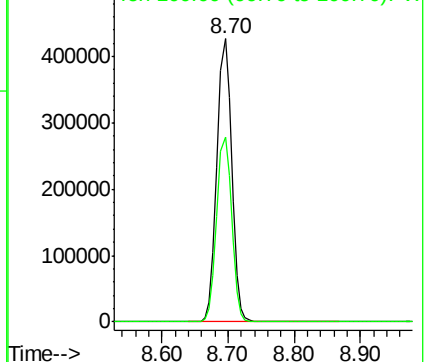
Ion Ratio Lower Upper

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: 45.016 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019855.D

Acq: 11 Dec 2020 03:53

Instrument :

MSVOA_X

ClientSampleId :

TR2-B-TOP

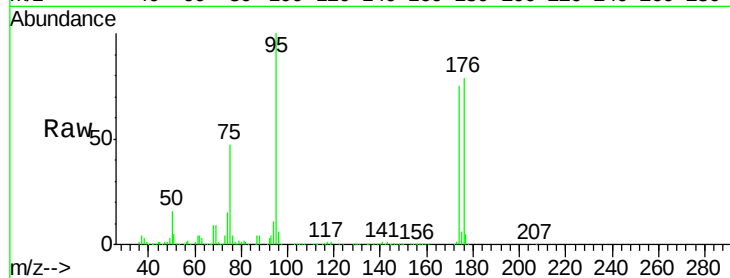
Tot Ion: 95 Resp: 227024

Ion Ratio Lower Upper

95 100

174 74.9 0.0 154.6

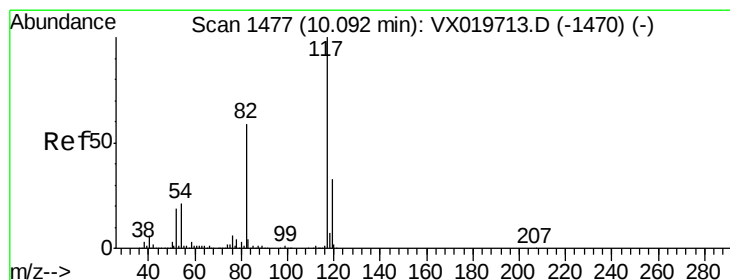
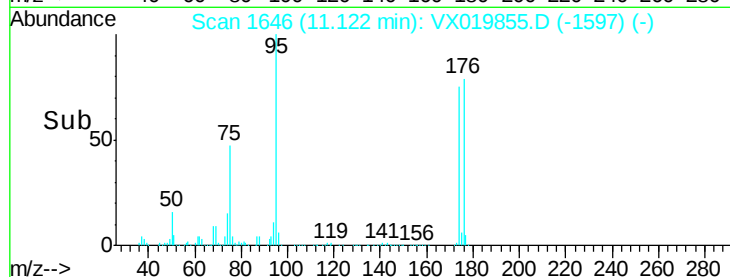
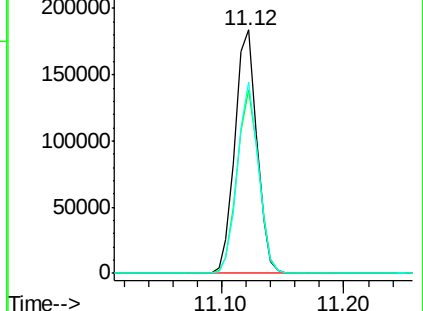
176 75.3 0.0 155.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019855.D

Acq: 11 Dec 2020 03:53

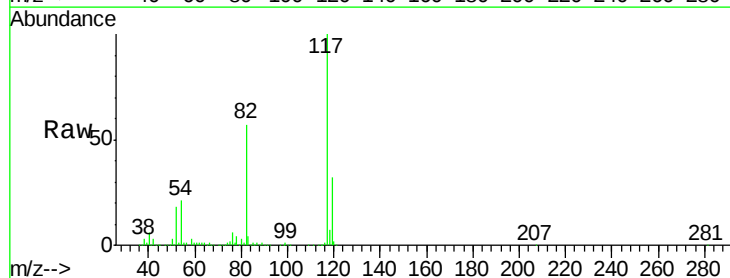
Tgt Ion: 117 Resp: 501370

Ion Ratio Lower Upper

117 100

82 56.6 47.4 71.2

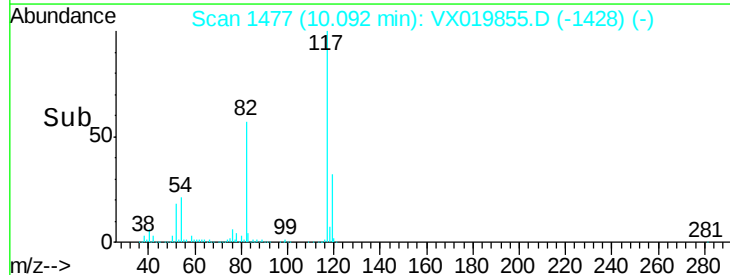
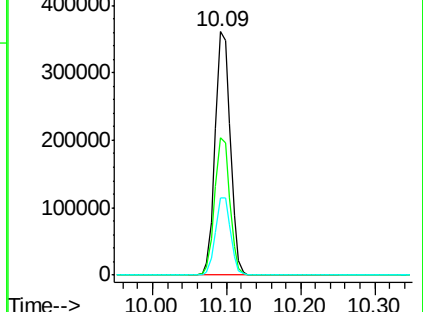
119 32.0 26.6 39.8

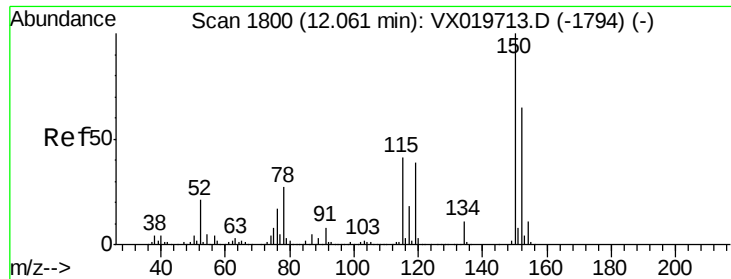


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019855.D

Acq: 11 Dec 2020 03:53

Instrument :

MSVOA_X

ClientSampleId :

TR2-B-TOP

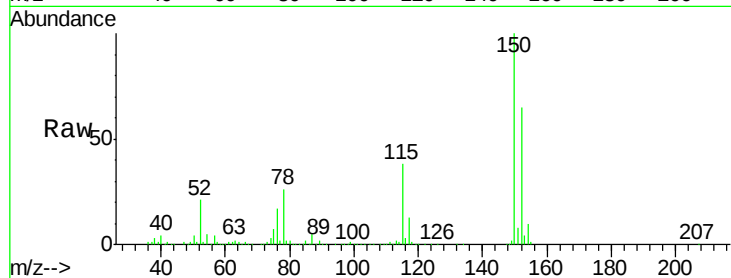
Tot Ion:152 Resp: 207445

Ion Ratio Lower Upper

152 100

115 59.0 41.1 123.3

150 154.7 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

