

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019857.D
 Acq On : 11 Dec 2020 04:40
 Operator : JC/MD
 Sample : L4983-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR2-C-TOP

Quant Time: Dec 11 06:04:21 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	328779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	539755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	506670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216952	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	208449	48.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.48%	
35) Dibromofluoromethane		5.46	113	166458	47.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.44%	
50) Toluene-d8		8.70	98	667470	50.12	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.24%	
62) 4-Bromofluorobenzene		11.12	95	236017	46.56	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.12%	

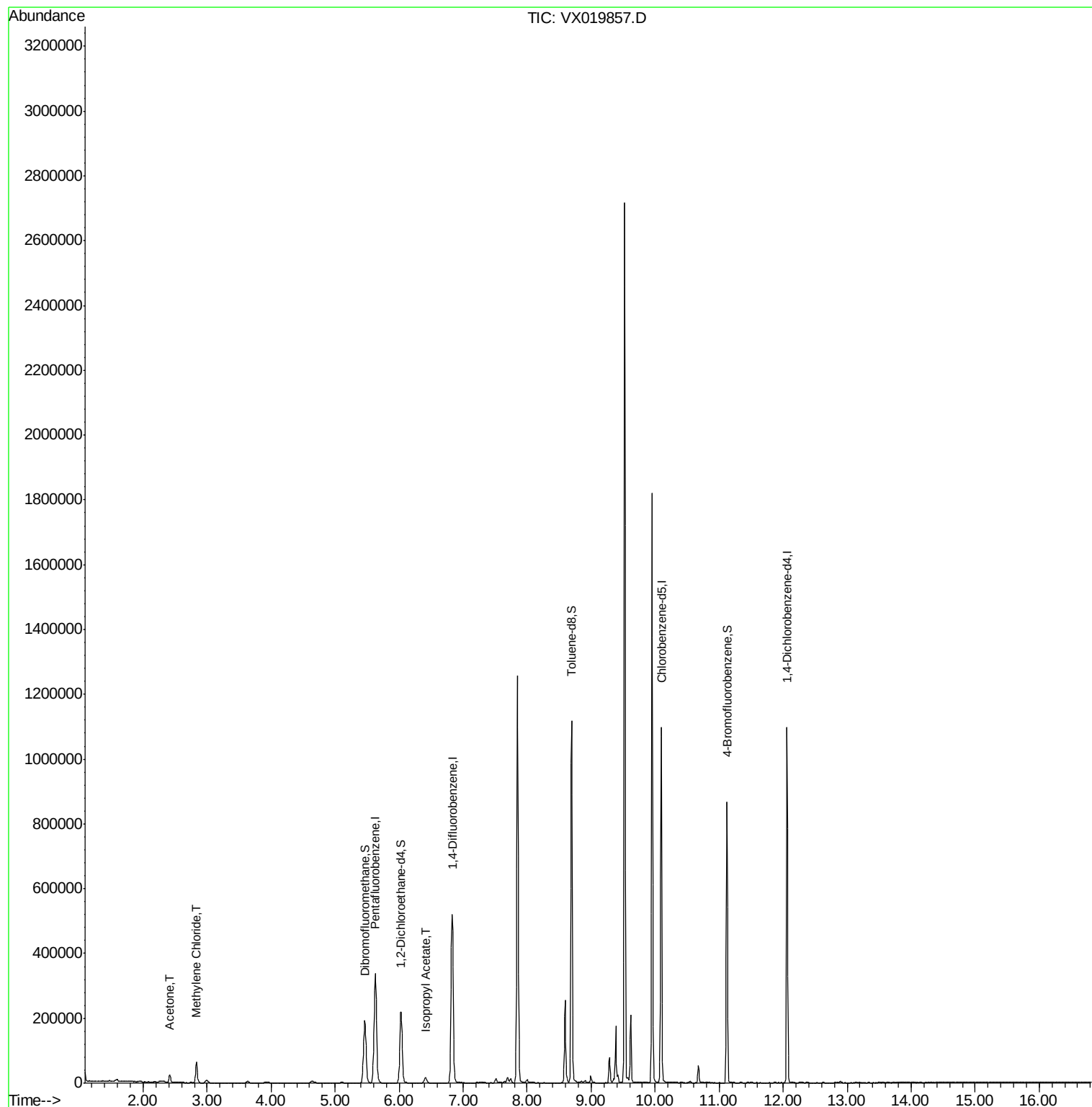
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	25710	15.829	ug/l	97
20) Methylene Chloride	2.83	84	30303	6.948	ug/l	98
43) Isopropyl Acetate	6.41	43	21821	2.725	ug/l	98

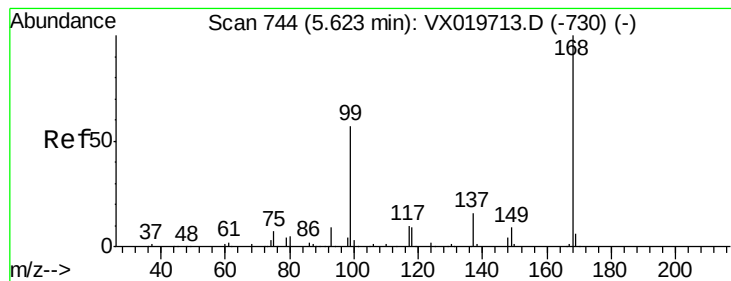
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019857.D

Acq: 11 Dec 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

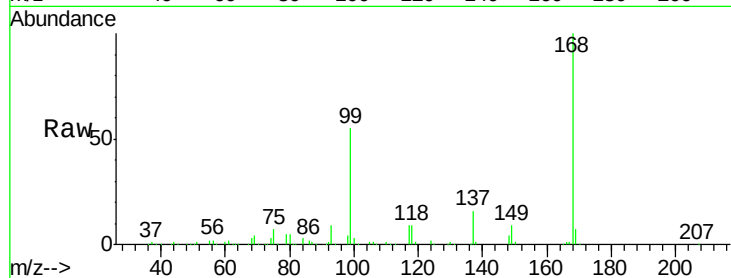
TR2-C-TOP

Tot Ion:168 Resp: 328779

Ion Ratio Lower Upper

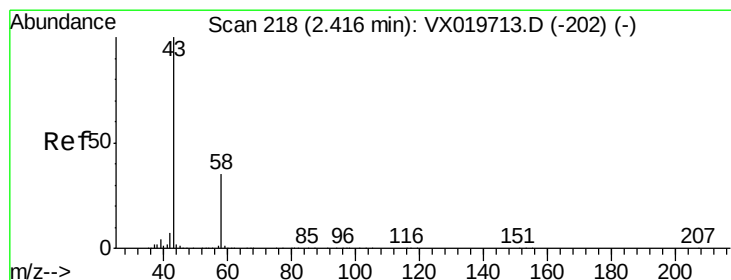
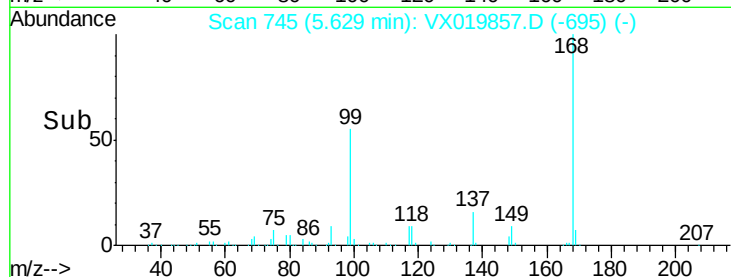
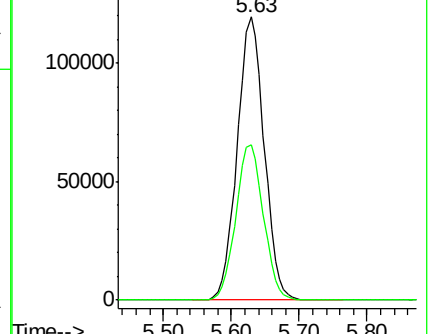
168 100

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: 15.829 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019857.D

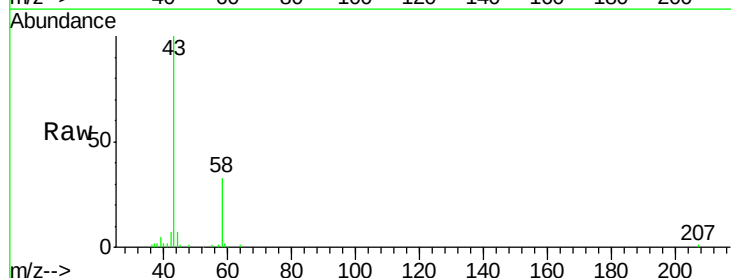
Acq: 11 Dec 2020 04:40

Tgt Ion: 43 Resp: 25710

Ion Ratio Lower Upper

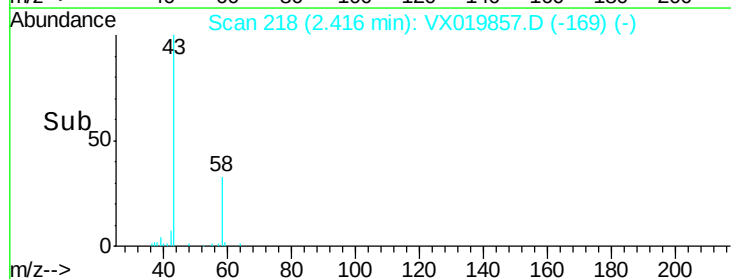
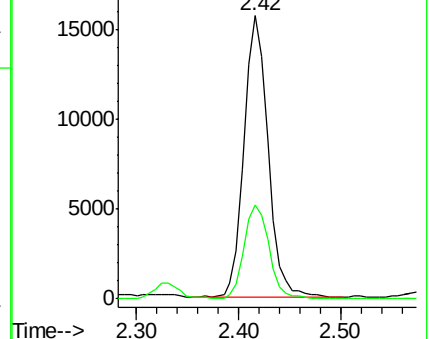
43 100

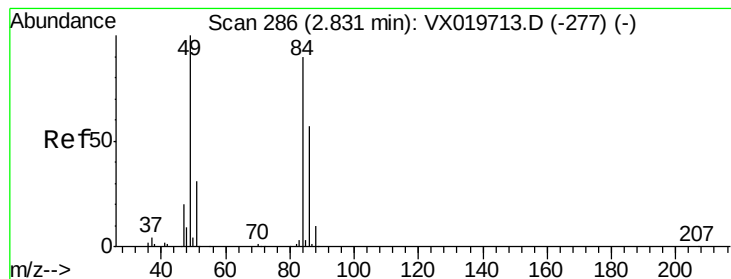
58 33.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 6.948 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019857.D

Acq: 11 Dec 2020 04:40

Instrument :

MSVOA_X

ClientSampled :

TR2-C-TOP

Tot Ion: 84 Resp: 30303

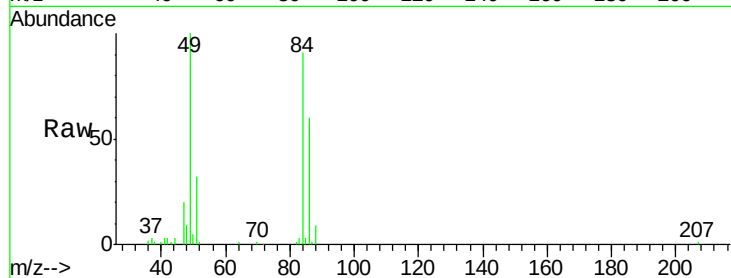
Ion Ratio Lower Upper

84 100

49 110.3 88.6 132.8

51 34.8 27.0 40.6

86 66.7 50.3 75.5

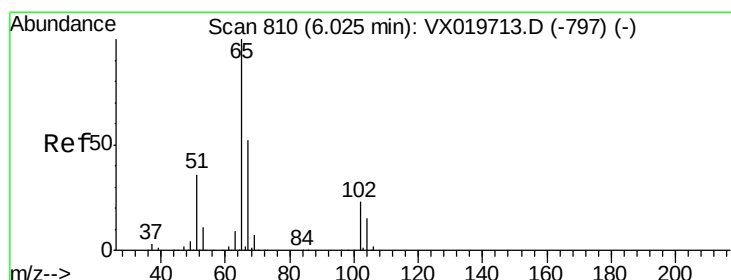
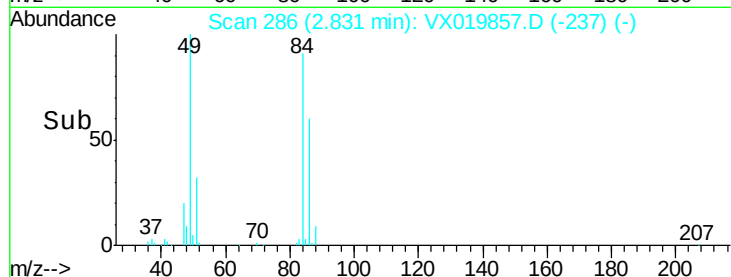
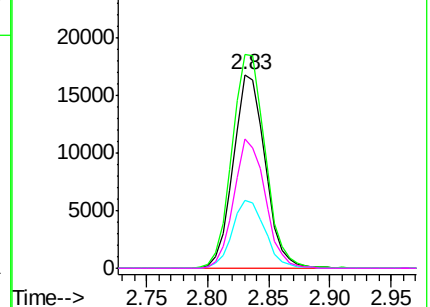


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 48.240 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019857.D

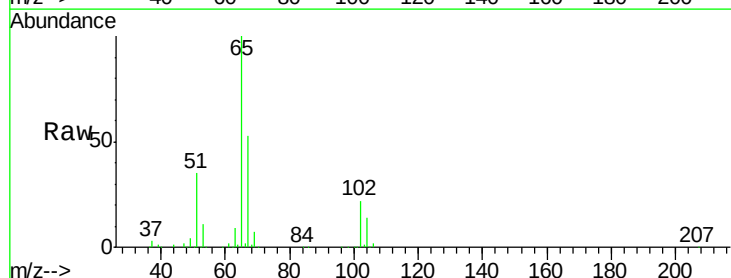
Acq: 11 Dec 2020 04:40

Tgt Ion: 65 Resp: 208449

Ion Ratio Lower Upper

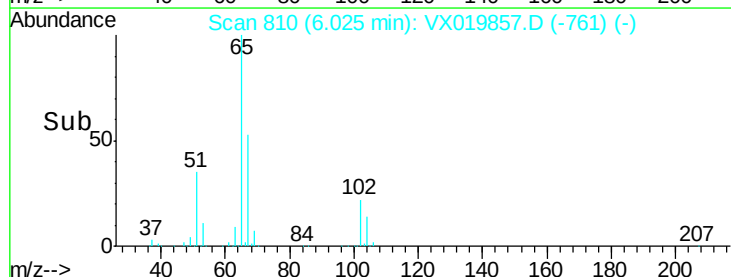
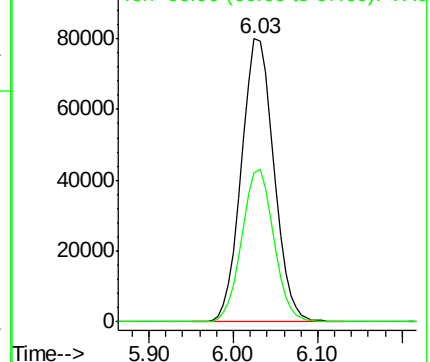
65 100

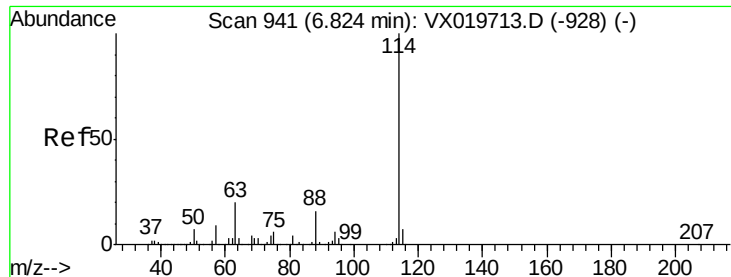
67 53.0 0.0 105.4



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: VX019857.D

Acq: 11 Dec 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

TR2-C-TOP

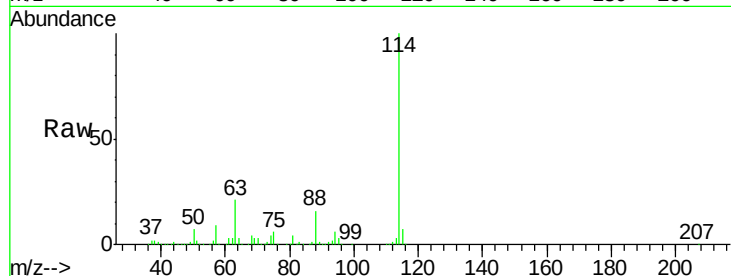
Tot Ion:114 Resp: 539755

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

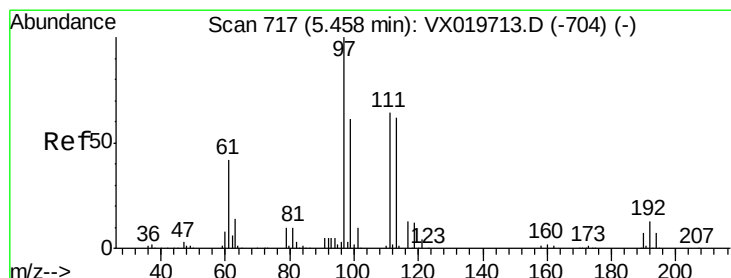
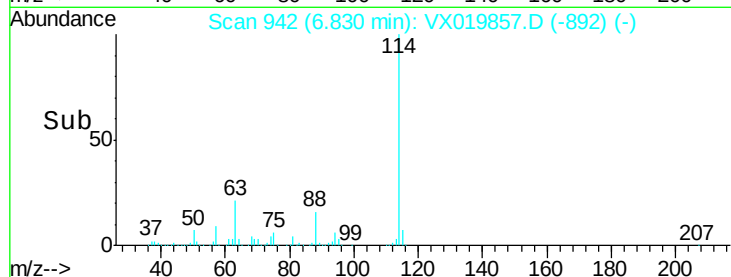
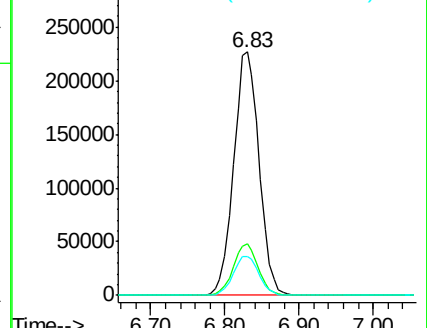
88 16.0 0.0 32.8



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: 47.718 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019857.D

Acq: 11 Dec 2020 04:40

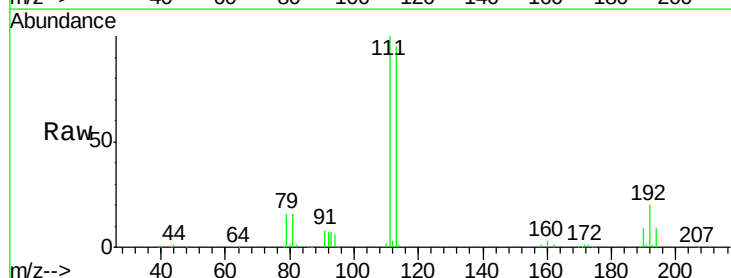
Tgt Ion:113 Resp: 166458

Ion Ratio Lower Upper

113 100

111 104.3 81.9 122.9

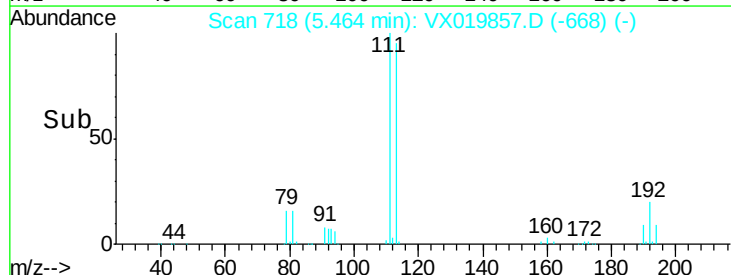
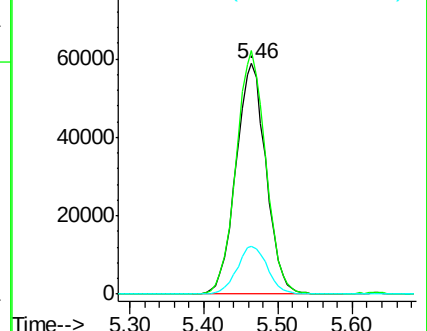
192 20.9 16.7 25.1

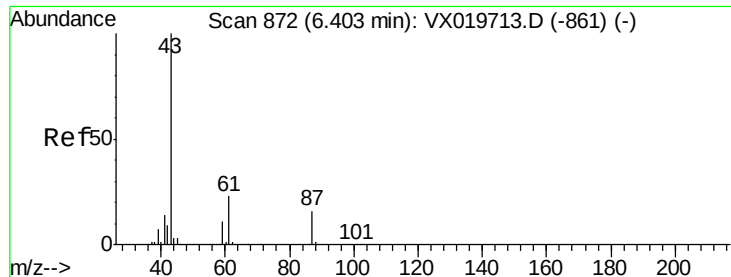


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.725 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019857.D

Acq: 11 Dec 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

TR2-C-TOP

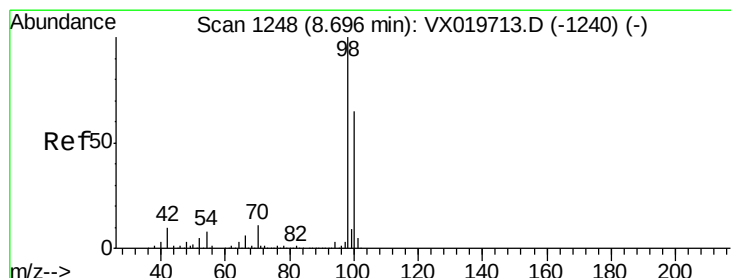
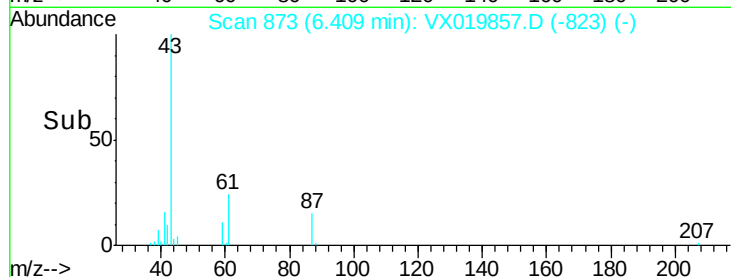
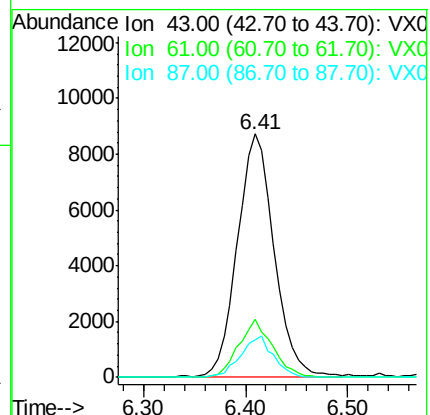
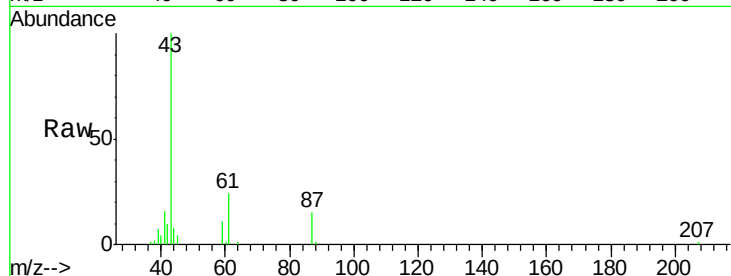
Tot Ion: 43 Resp: 21821

Ion Ratio Lower Upper

43 100

61 21.7 18.2 27.4

87 15.0 12.5 18.7



#50

Toluene-d8

Concen: 50.119 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019857.D

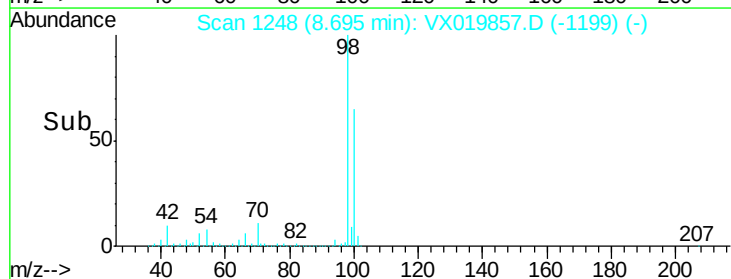
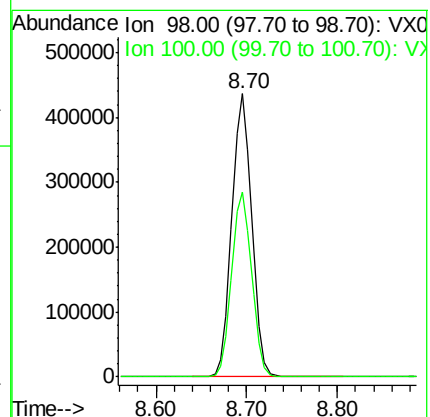
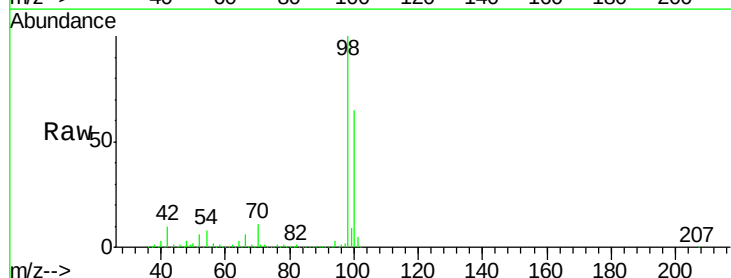
Acq: 11 Dec 2020 04:40

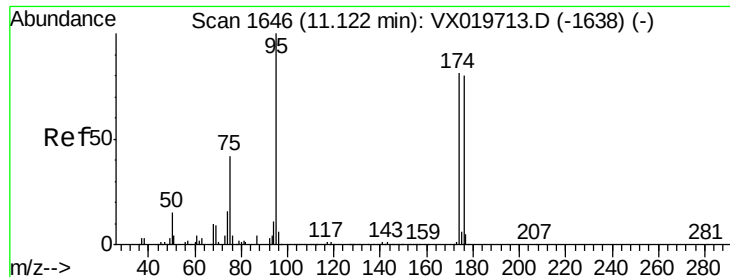
Tgt Ion: 98 Resp: 667470

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 46.562 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019857.D

Acq: 11 Dec 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

TR2-C-TOP

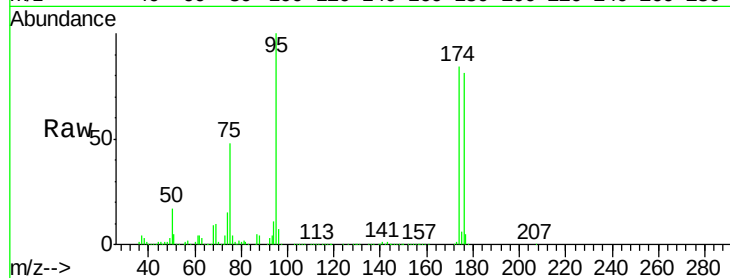
Tot Ion: 95 Resp: 236017

Ion Ratio Lower Upper

95 100

174 77.4 0.0 154.6

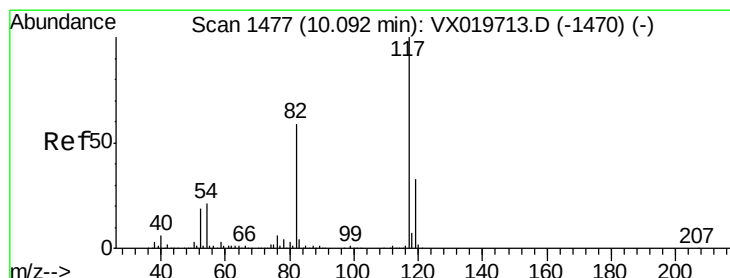
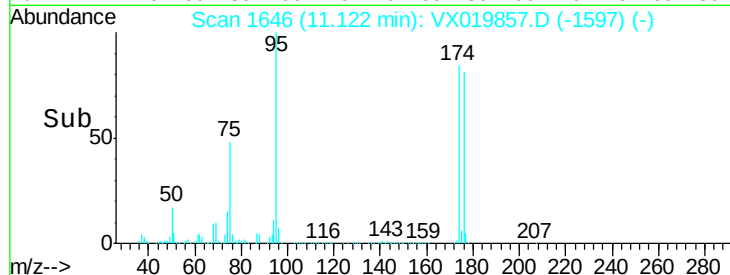
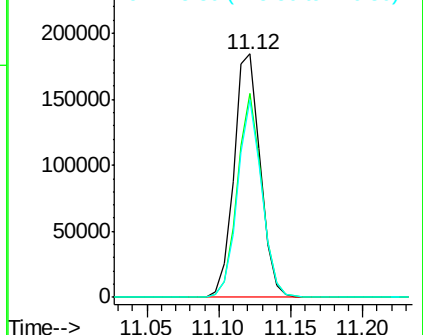
176 74.4 0.0 155.8



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: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019857.D

Acq: 11 Dec 2020 04:40

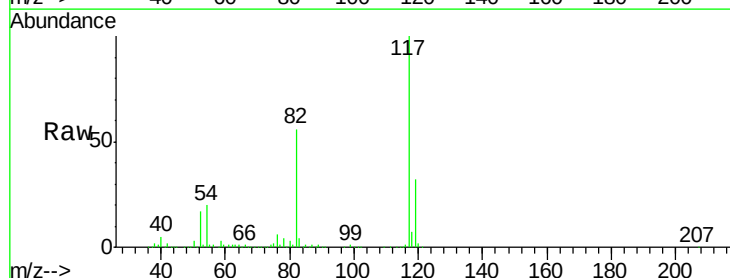
Tgt Ion: 117 Resp: 506670

Ion Ratio Lower Upper

117 100

82 55.7 47.4 71.2

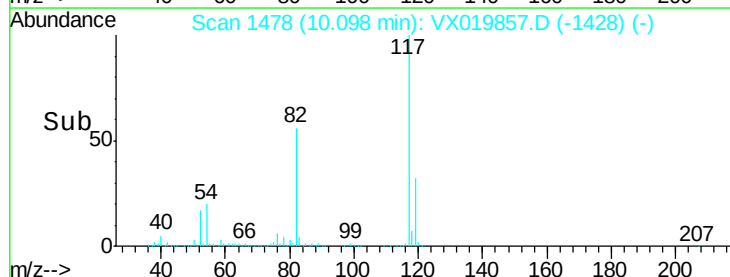
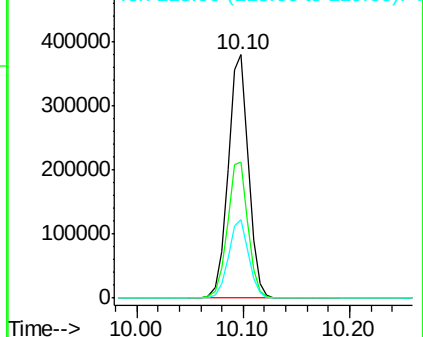
119 32.5 26.6 39.8

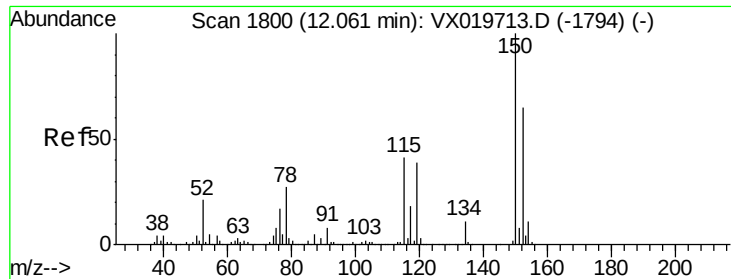


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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: VX019857.D

Acq: 11 Dec 2020 04:40

Instrument :

MSVOA_X

ClientSampleId :

TR2-C-TOP

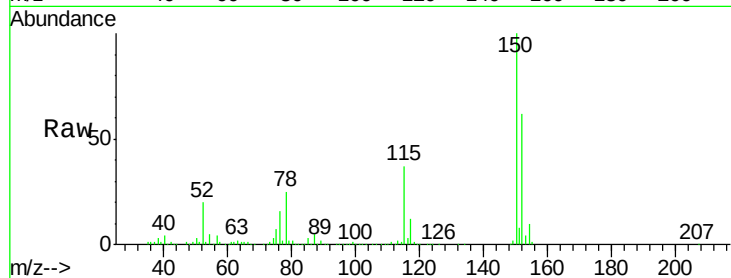
Tot Ion:152 Resp: 216952

Ion Ratio Lower Upper

152 100

115 60.5 41.1 123.3

150 158.4 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

