

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019843.D
 Acq On : 10 Dec 2020 23:15
 Operator : JC/MD
 Sample : PB133508TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133508TB

Quant Time: Dec 11 02:58:53 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	5.62	168	339203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	562307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	518124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211121	47.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.72%		
35) Dibromofluoromethane	5.46	113	172766	47.54	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.08%		
50) Toluene-d8	8.70	98	682942	49.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.44%		
62) 4-Bromofluorobenzene	11.12	95	240321	45.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.02%		

Target Compounds

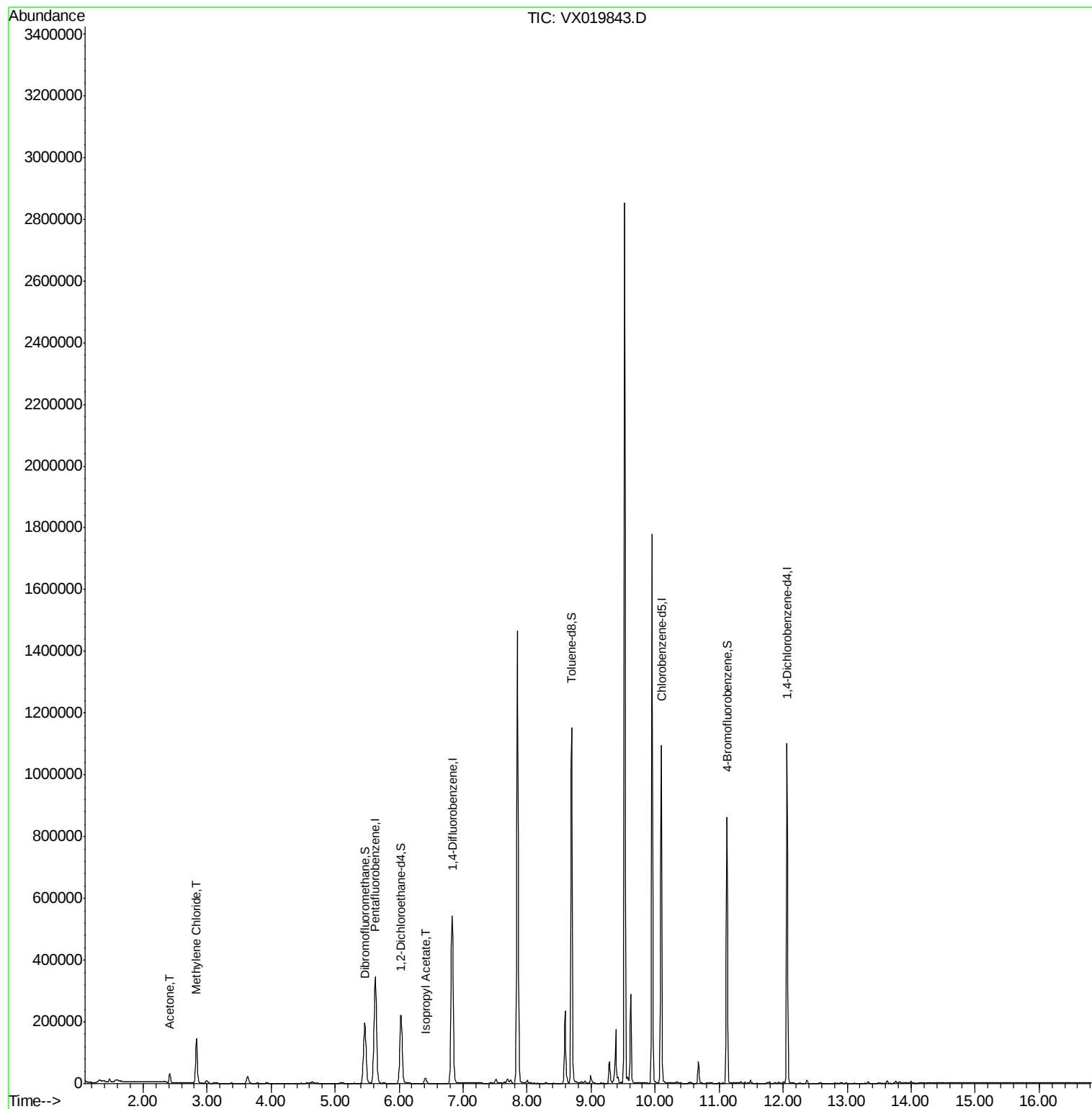
					Qvalue
16) Acetone	2.42	43	30014	17.911	ug/l 95
20) Methylene Chloride	2.83	84	70412	17.481	ug/l 98
43) Isopropyl Acetate	6.41	43	22141	2.655	ug/l 99

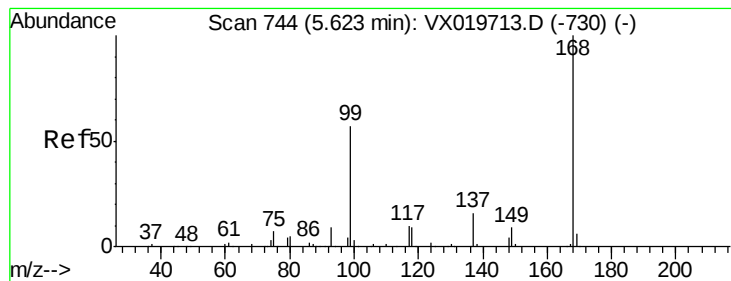
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019843.D

Acq: 10 Dec 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

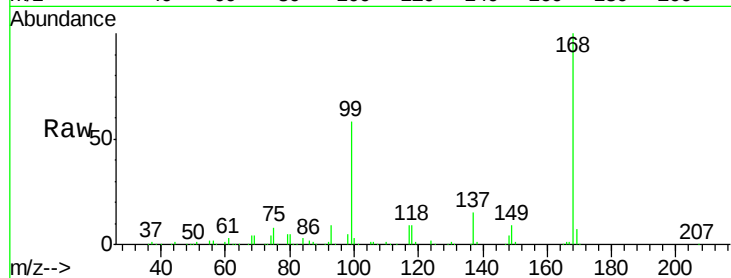
PB133508TB

Tot Ion:168 Resp: 339203

Ion Ratio Lower Upper

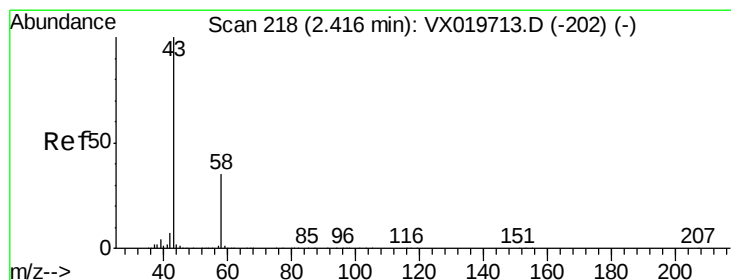
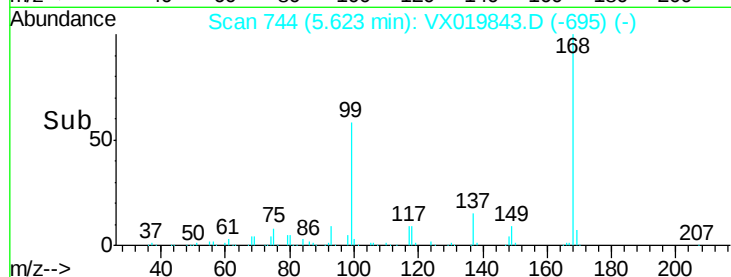
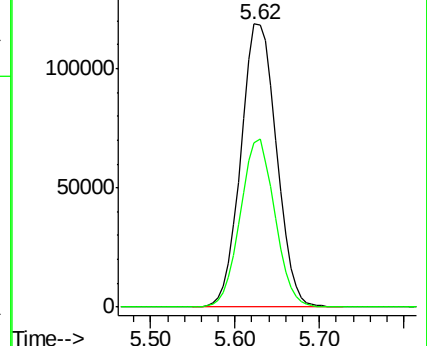
168 100

99 57.9 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: 17.911 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019843.D

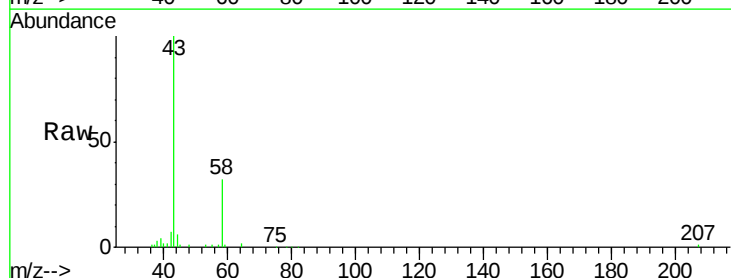
Acq: 10 Dec 2020 23:15

Tgt Ion: 43 Resp: 30014

Ion Ratio Lower Upper

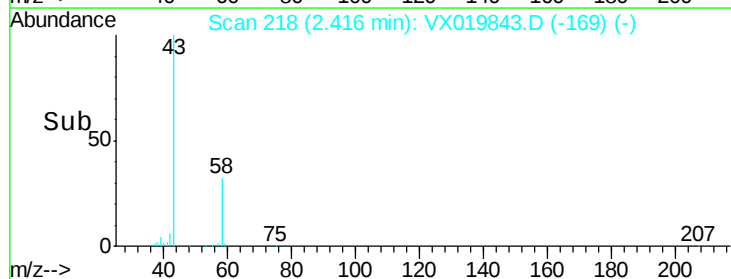
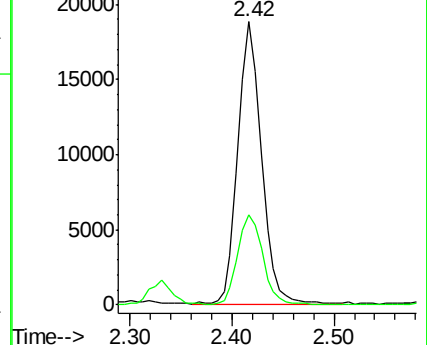
43 100

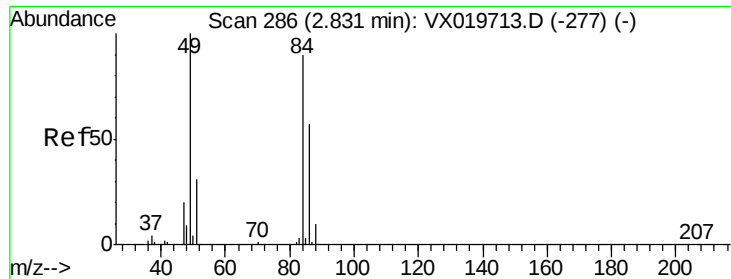
58 32.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



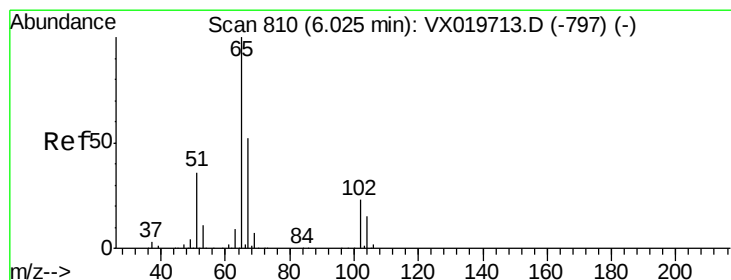
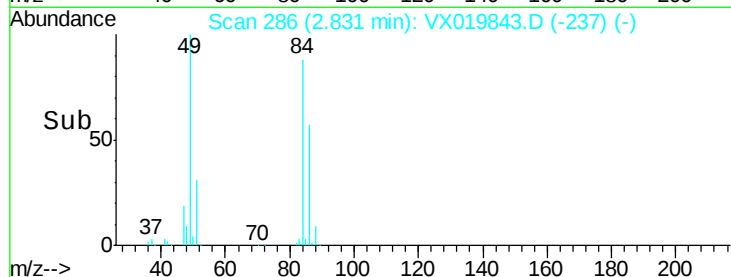
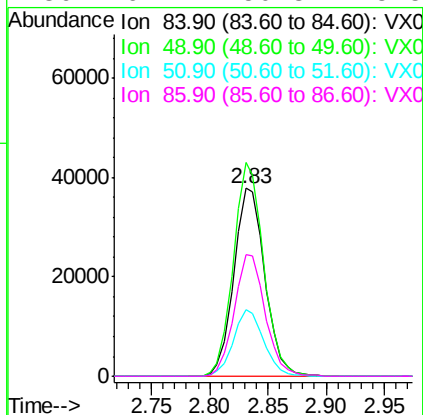
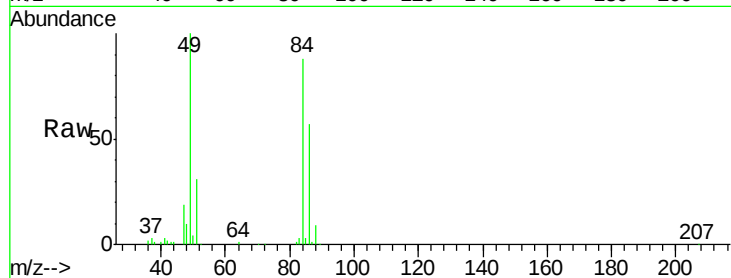


#20
Methvlene Chloride
Concen: 17.481 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Instrument :
MSVOA_X
ClientSampleId :
PB133508TB

Tot Ion: 84 Resp: 70412

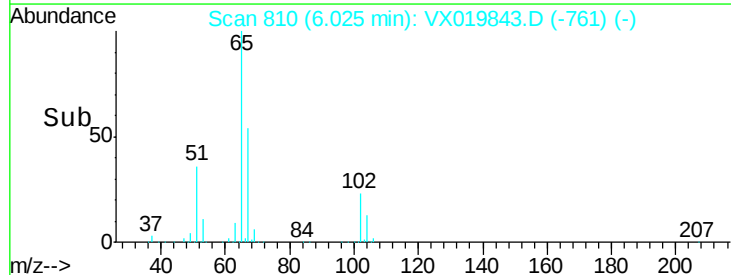
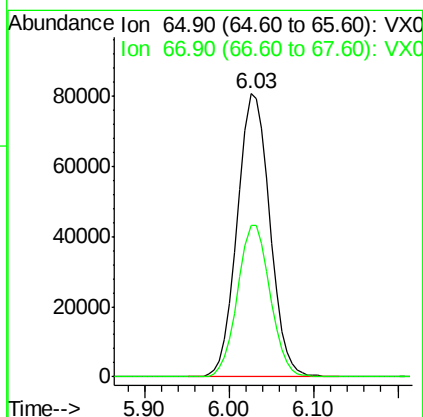
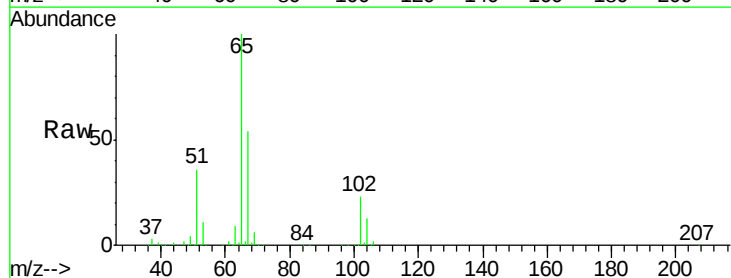
Ion	Ratio	Lower	Upper
84	100		
49	113.6	88.6	132.8
51	35.4	27.0	40.6
86	64.4	50.3	75.5

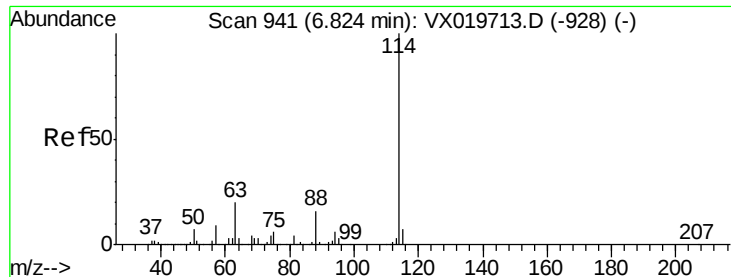


#33
1,2-Dichloroethane-d4
Concen: 47.356 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019843.D
Acq: 10 Dec 2020 23:15

Tgt Ion: 65 Resp: 211121

Ion	Ratio	Lower	Upper
65	100		
67	53.6	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: VX019843.D

Acq: 10 Dec 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

PB133508TB

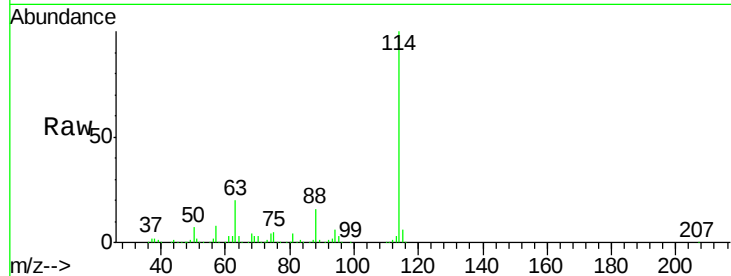
Tot Ion:114 Resp: 562307

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

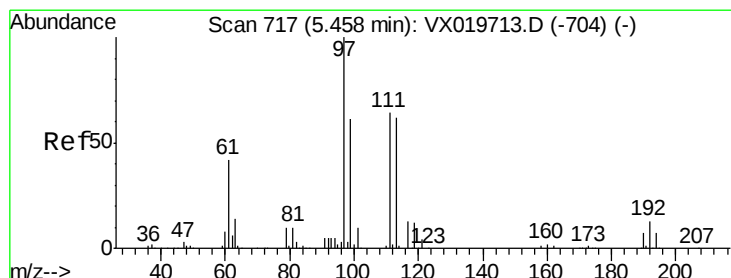
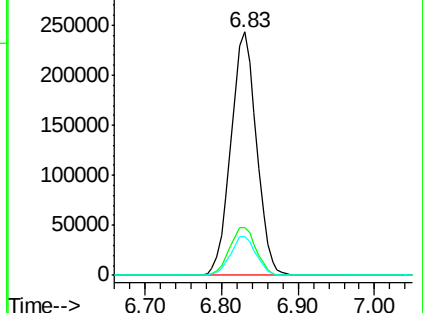
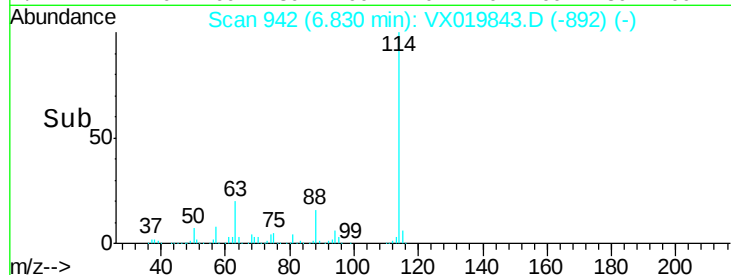
88 15.7 0.0 32.8



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: 47.540 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019843.D

Acq: 10 Dec 2020 23:15

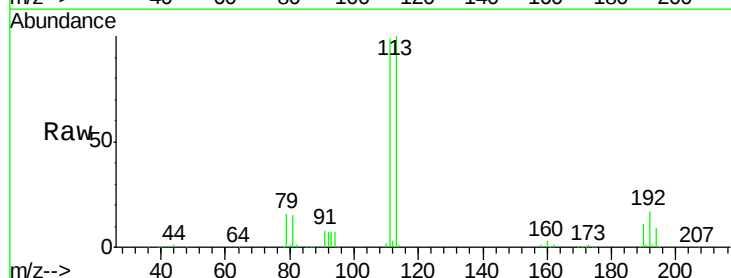
Tgt Ion:113 Resp: 172766

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

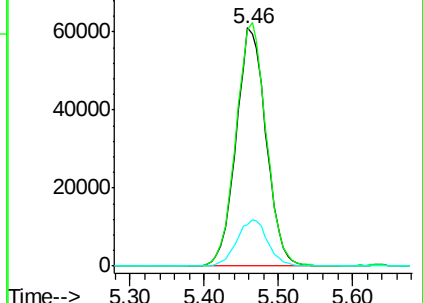
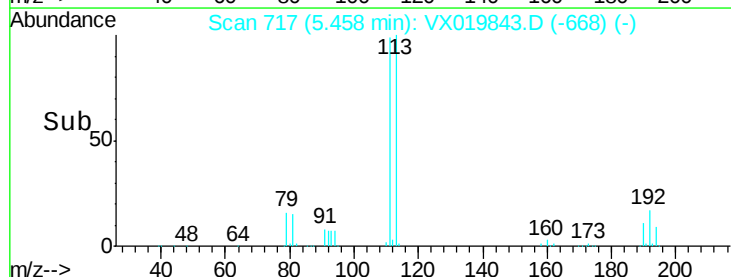
192 19.9 16.7 25.1

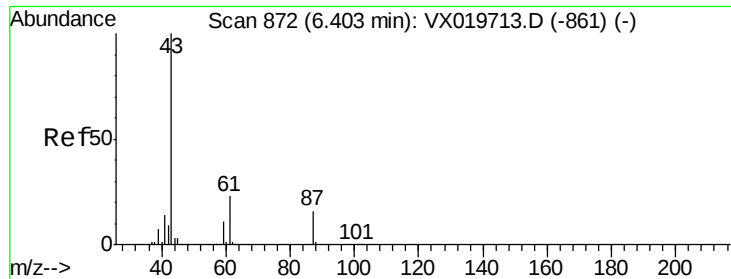


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.655 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019843.D

Acq: 10 Dec 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

PB133508TB

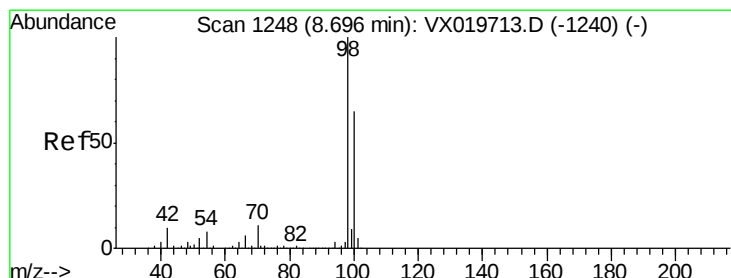
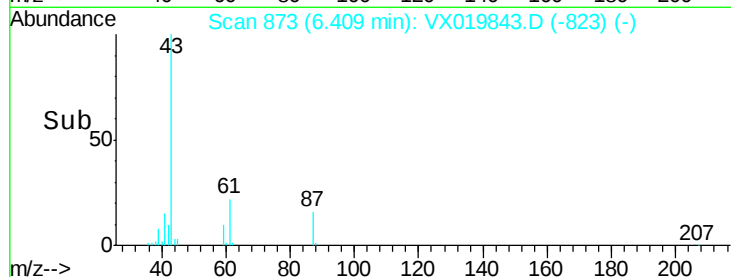
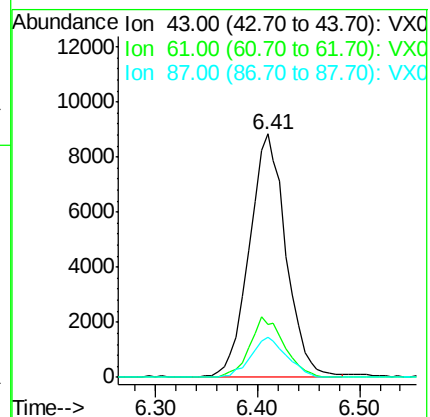
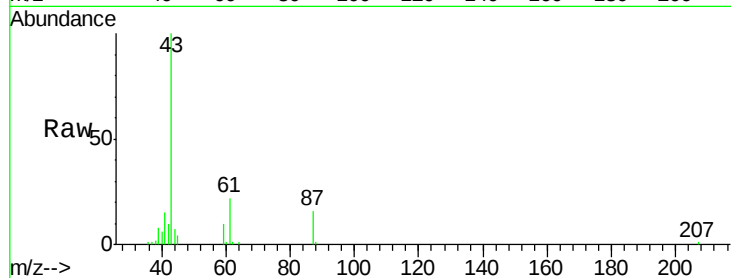
Tot Ion: 43 Resp: 22141

Ion Ratio Lower Upper

43 100

61 23.2 18.2 27.4

87 15.9 12.5 18.7



#50

Toluene-d8

Concen: 49.224 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019843.D

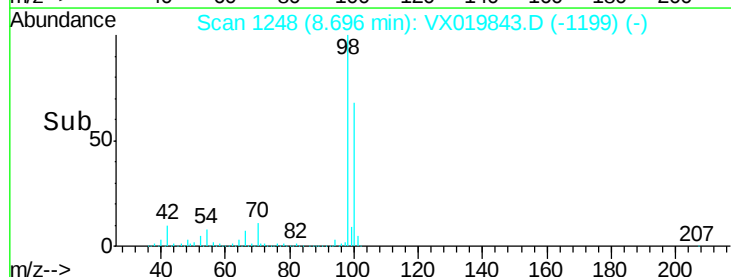
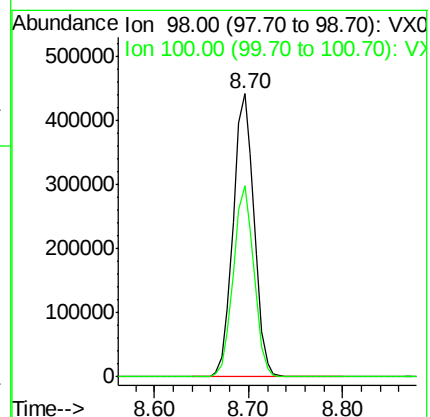
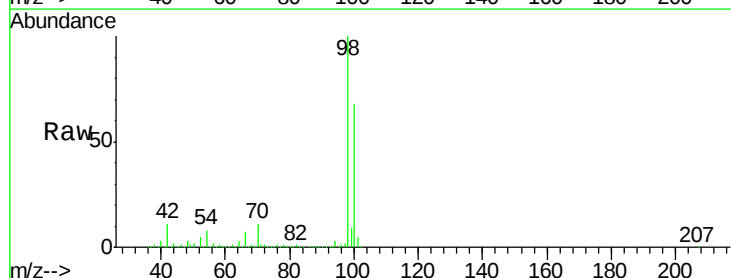
Acq: 10 Dec 2020 23:15

Tgt Ion: 98 Resp: 682942

Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.510 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019843.D

Acq: 10 Dec 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

PB133508TB

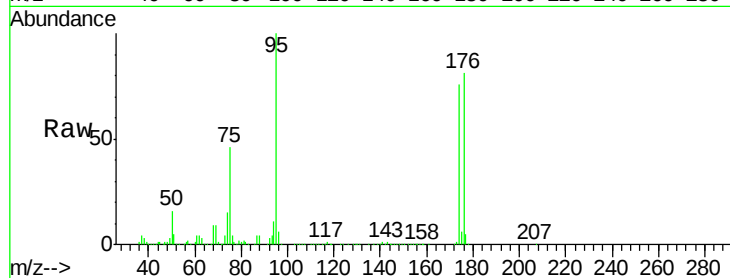
Tot Ion: 95 Resp: 240321

Ion Ratio Lower Upper

95 100

174 76.9 0.0 154.6

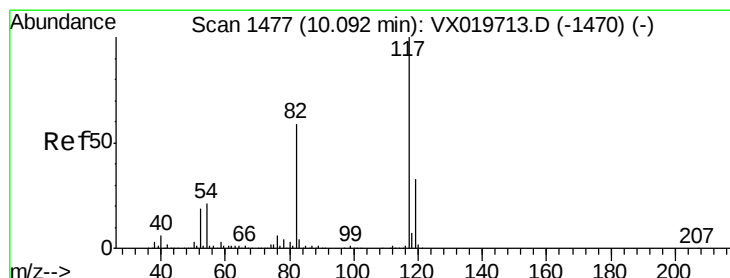
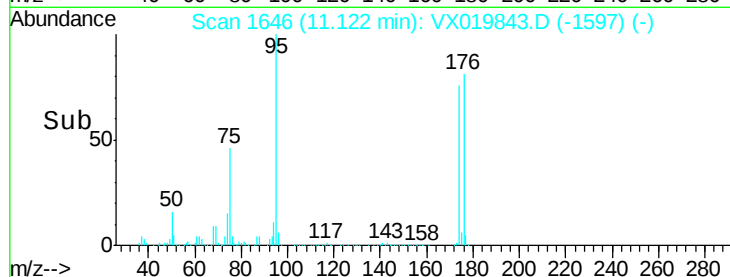
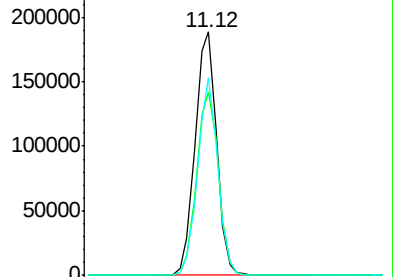
176 76.4 0.0 155.8



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: VX019843.D

Acq: 10 Dec 2020 23:15

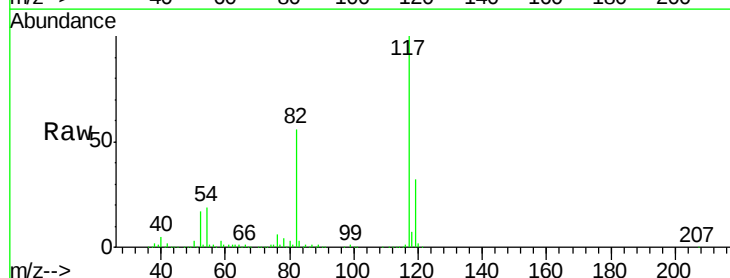
Tgt Ion: 117 Resp: 518124

Ion Ratio Lower Upper

117 100

82 55.9 47.4 71.2

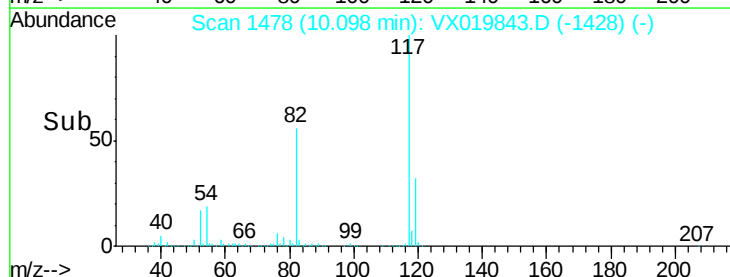
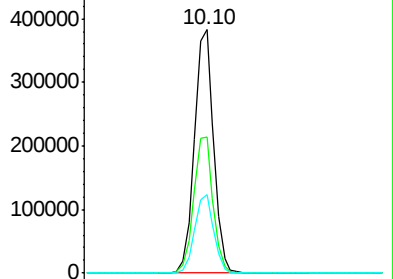
119 32.0 26.6 39.8

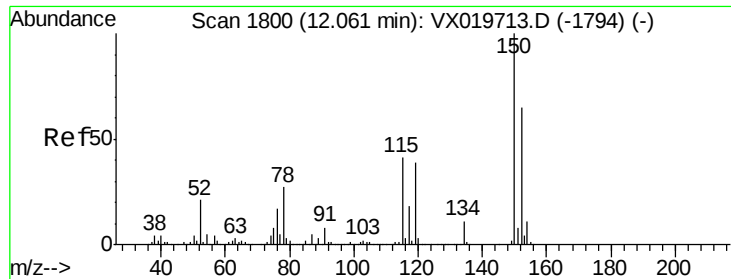


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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: VX019843.D

Acq: 10 Dec 2020 23:15

Instrument :

MSVOA_X

ClientSampleId :

PB133508TB

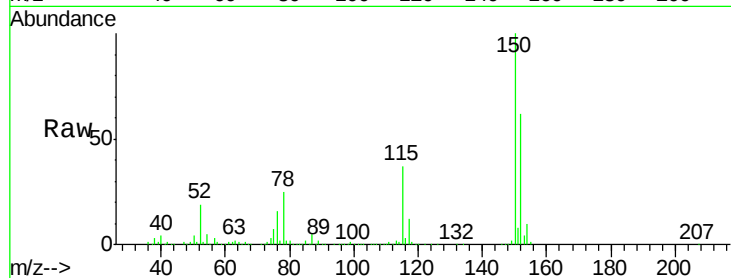
Tot Ion:152 Resp: 222537

Ion Ratio Lower Upper

152 100

115 60.3 41.1 123.3

150 158.2 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

