

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019992.D
 Acq On : 14 Dec 2020 17:25
 Operator : JC/MD
 Sample : L5022-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WCS-OH-E6

Quant Time: Dec 15 01:55:05 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	331530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	551795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	516298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208363	47.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.64%
35) Dibromofluoromethane	5.46	113	169232	47.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.90%
50) Toluene-d8	8.70	98	673542	49.47	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.94%
62) 4-Bromofluorobenzene	11.12	95	241844	46.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.34%

Target Compounds

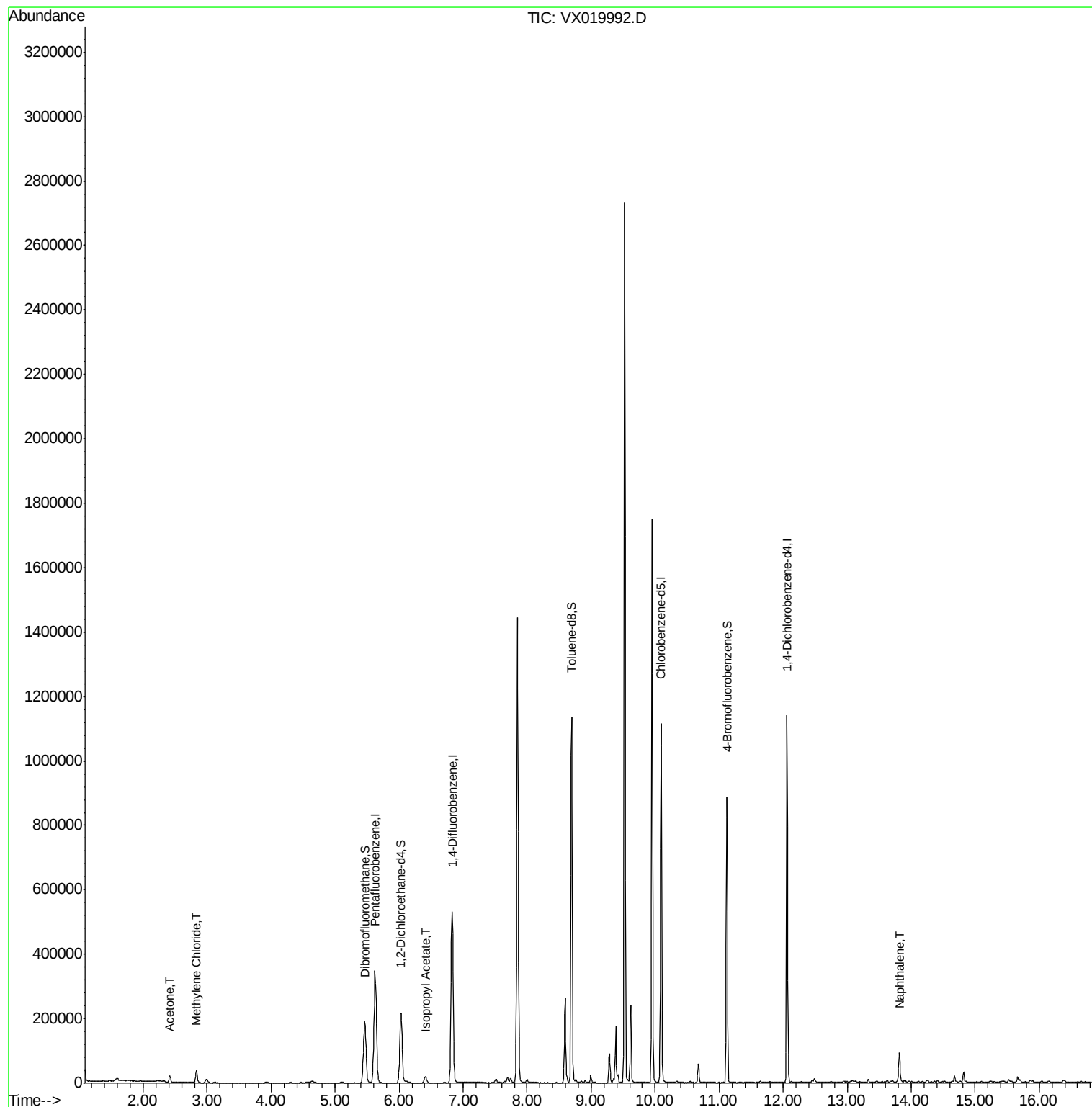
					Qvalue
16) Acetone	2.42	43	21129	12.901	ug/l 98
20) Methylene Chloride	2.83	84	18156	3.534	ug/l 95
43) Isopropyl Acetate	6.41	43	25238	3.083	ug/l 99
95) Naphthalene	13.82	128	63834	4.261	ug/l 99

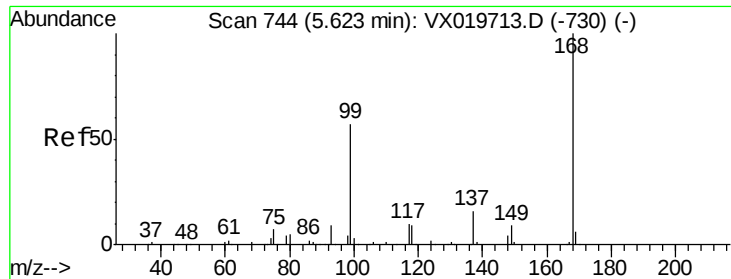
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019992.D

Acq: 14 Dec 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

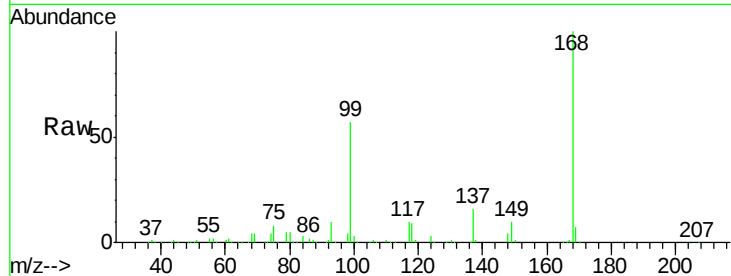
WCS-OH-E6

Tot Ion:168 Resp: 331530

Ion Ratio Lower Upper

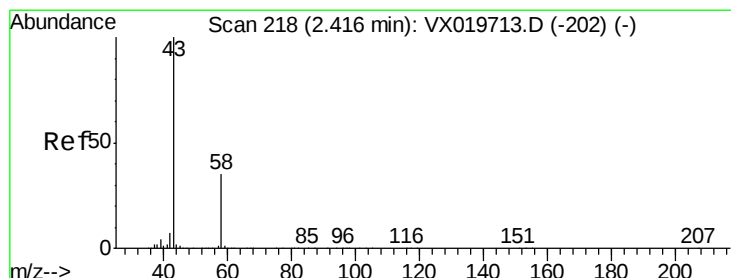
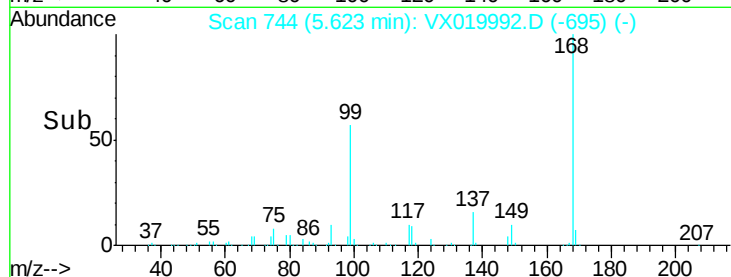
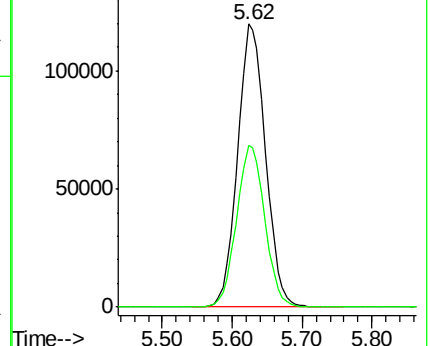
168 100

99 57.1 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: 12.901 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019992.D

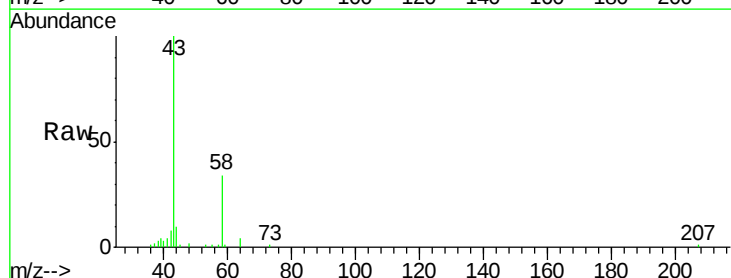
Acq: 14 Dec 2020 17:25

Tgt Ion: 43 Resp: 21129

Ion Ratio Lower Upper

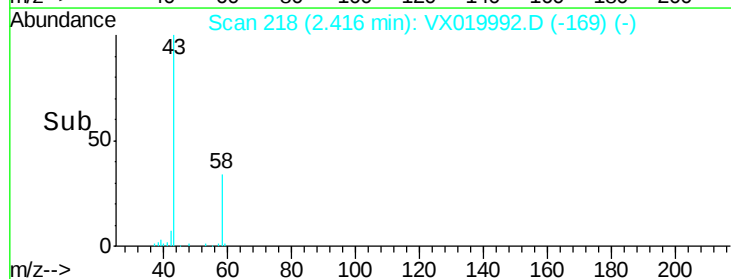
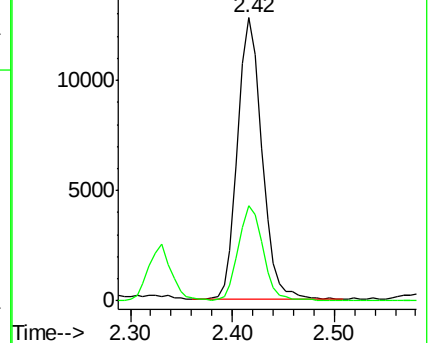
43 100

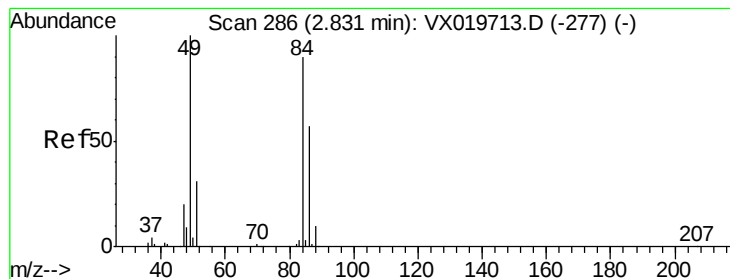
58 33.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methvlene Chloride

Concen: 3.534 ug/l

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX019992.D

Acq: 14 Dec 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

WCS-OH-E6

Tot Ion: 84 Resp: 18156

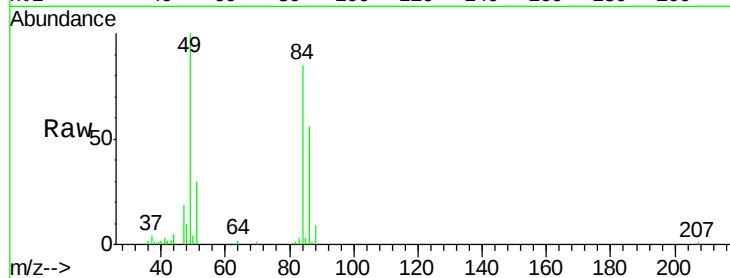
Ion	Ratio	Lower	Upper
84	100		
49	117.8	88.6	132.8
51	35.4	27.0	40.6
86	66.0	50.3	75.5

84 100

49 117.8 88.6 132.8

51 35.4 27.0 40.6

86 66.0 50.3 75.5

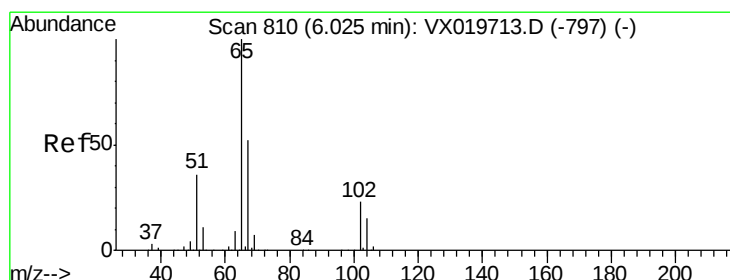
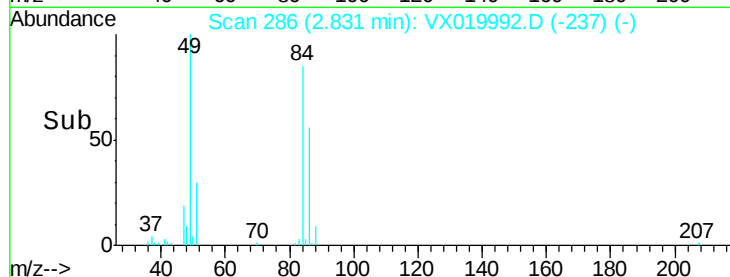
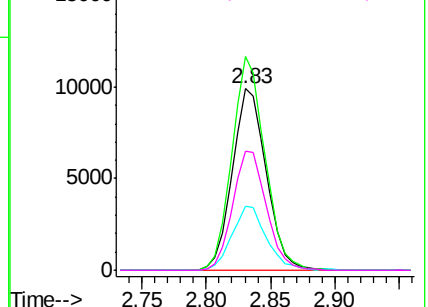


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 47.820 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019992.D

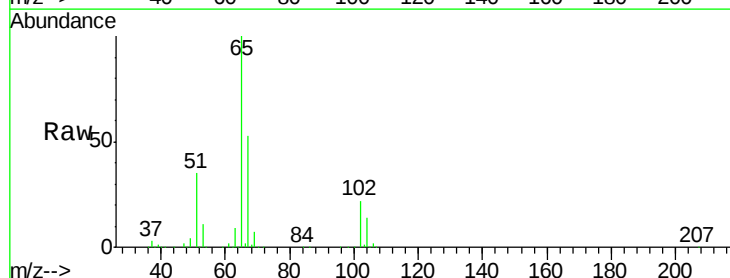
Acq: 14 Dec 2020 17:25

Tgt Ion: 65 Resp: 208363

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.4

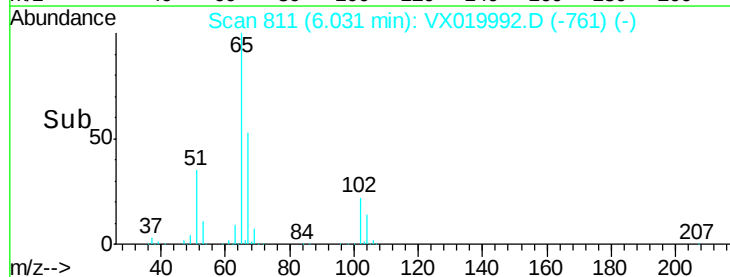
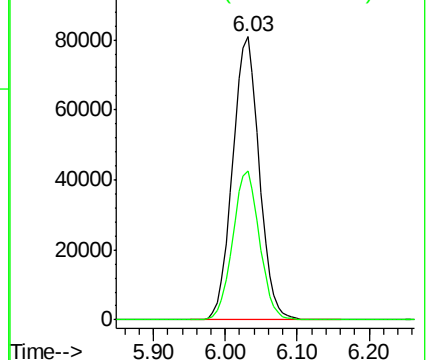
65 100

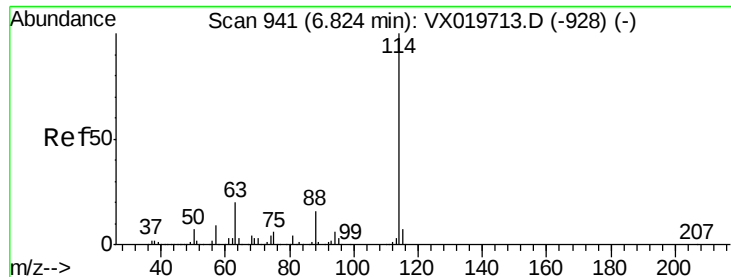
67 52.9 0.0 105.4



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: VX019992.D

Acq: 14 Dec 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

WCS-OH-E6

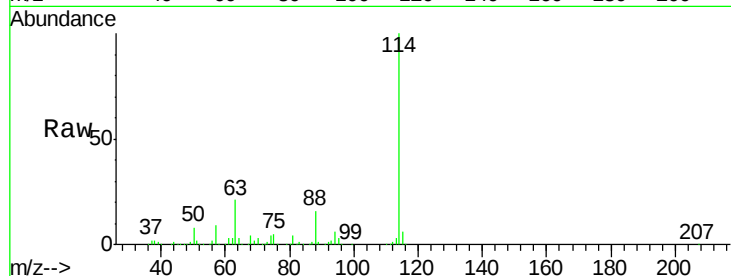
Tot Ion:114 Resp: 551795

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.1 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

300000

250000

200000

150000

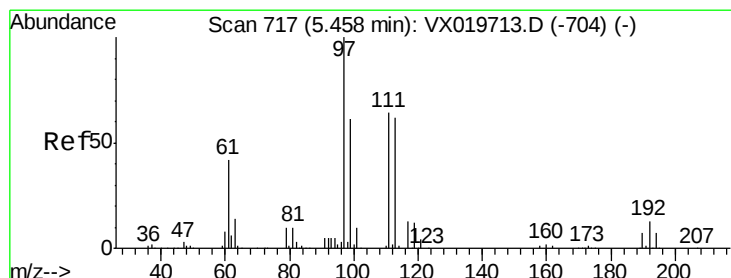
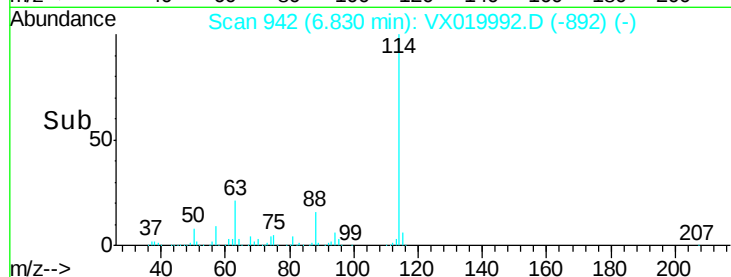
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.455 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019992.D

Acq: 14 Dec 2020 17:25

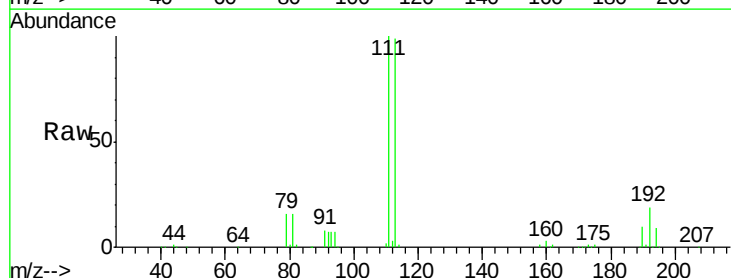
Tgt Ion:113 Resp: 169232

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 20.3 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

80000

60000

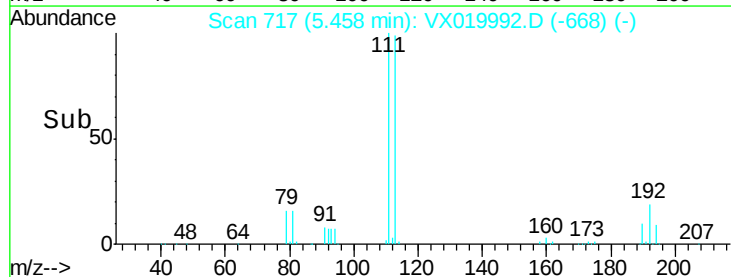
40000

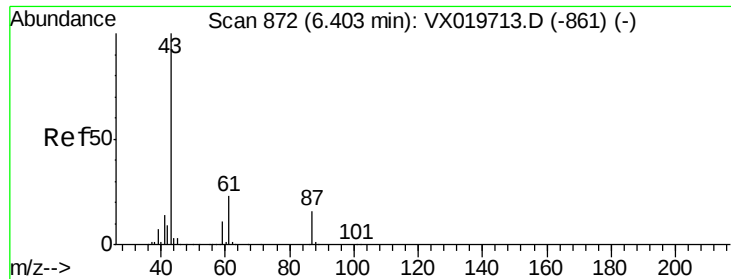
20000

0

5.30 5.40 5.50 5.60

Time-->

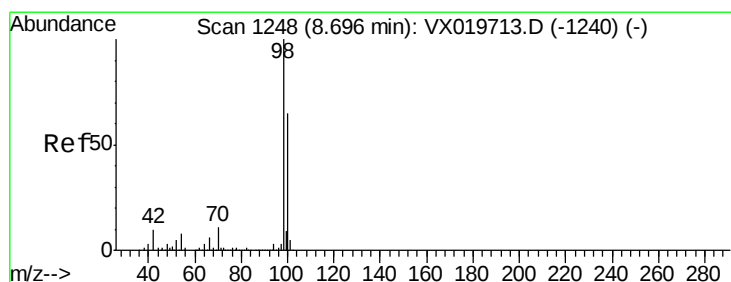
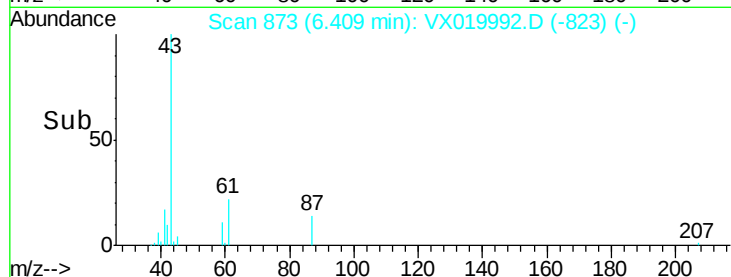
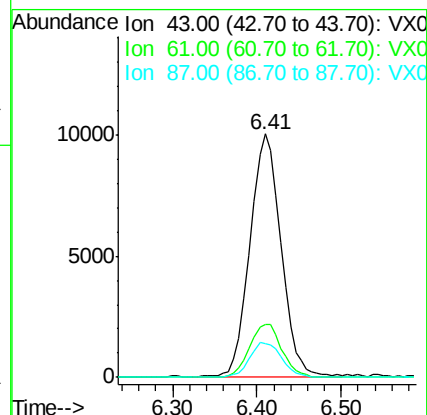
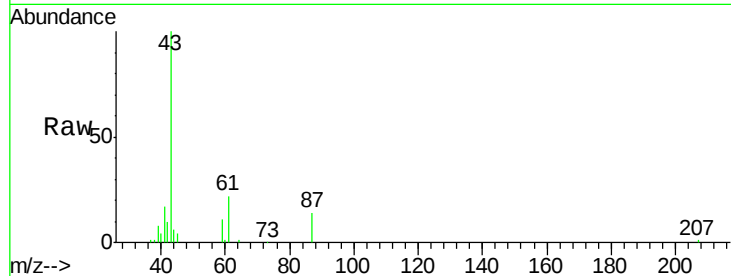




#43
Isopropyl Acetate
Concen: 3.083 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019992.D
Acq: 14 Dec 2020 17:25

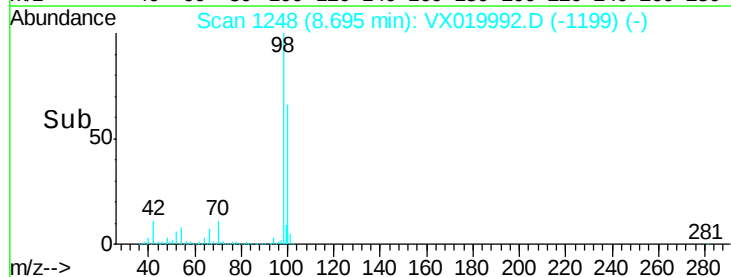
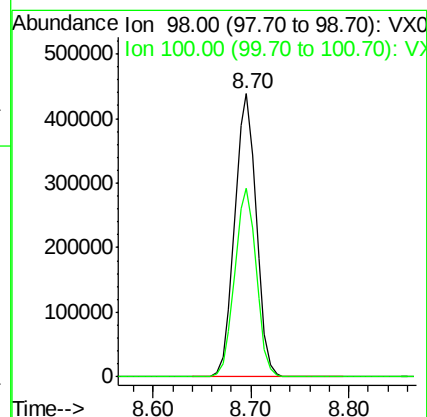
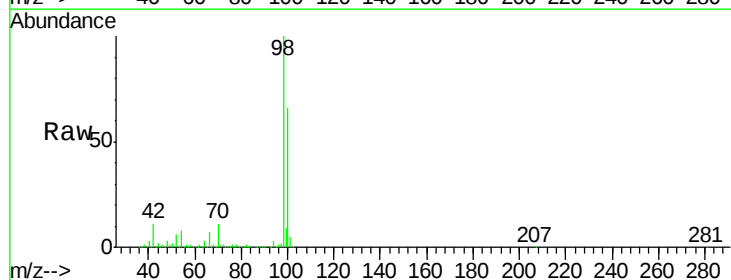
Instrument :
MSVOA_X
ClientSampleId :
WCS-OH-E6

Tot Ion: 43 Resp: 25238
Ion Ratio Lower Upper
43 100
61 22.6 18.2 27.4
87 14.5 12.5 18.7



#50
Toluene-d8
Concen: 49.472 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019992.D
Acq: 14 Dec 2020 17:25

Tgt Ion: 98 Resp: 673542
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 46.671 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019992.D

Acq: 14 Dec 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

WCS-OH-E6

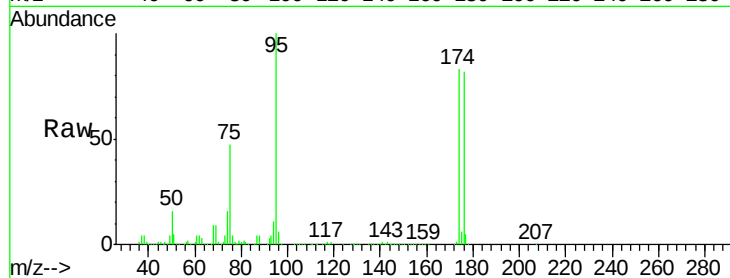
Tot Ion: 95 Resp: 241844

Ion Ratio Lower Upper

95 100

174 78.7 0.0 154.6

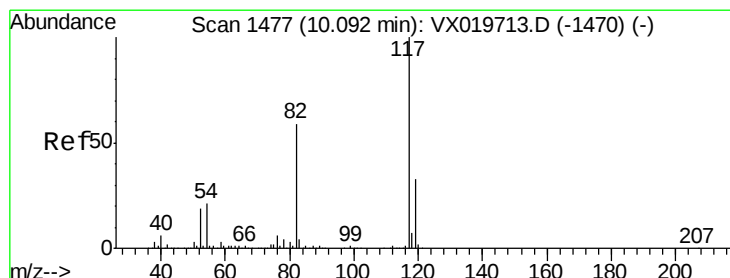
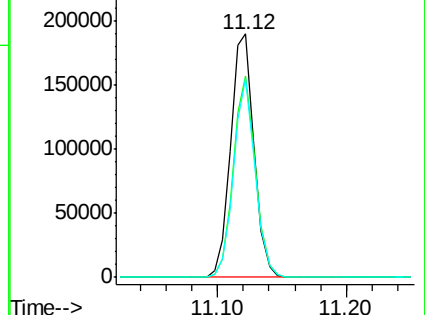
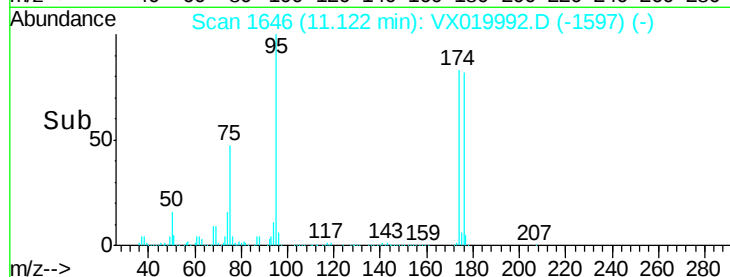
176 75.4 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019992.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019992.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019992.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019992.D

Acq: 14 Dec 2020 17:25

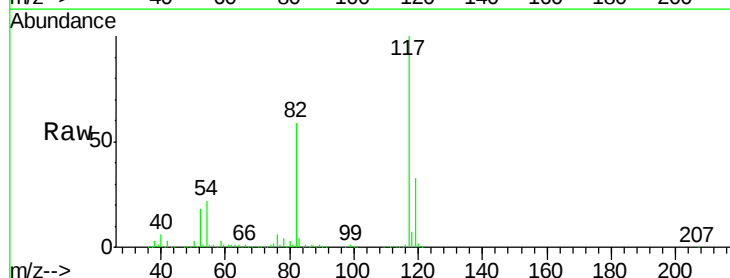
Tgt Ion: 117 Resp: 516298

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.2

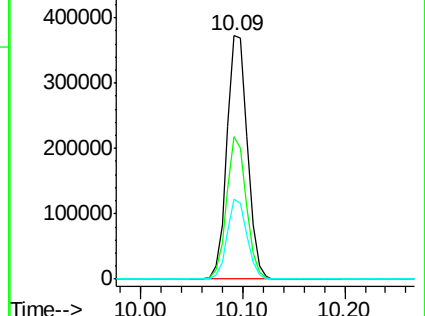
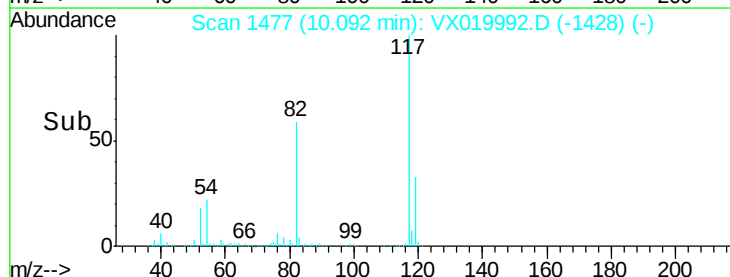
119 32.6 26.6 39.8

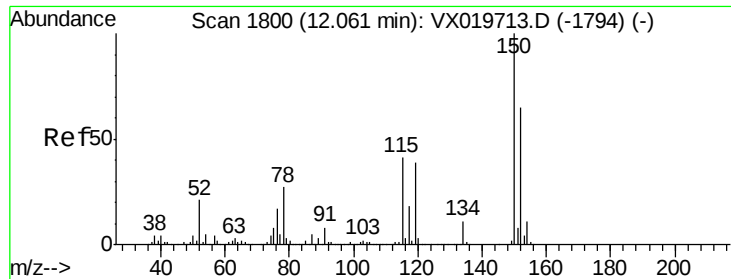


Abundance Ion 116.90 (116.60 to 117.60): VX019992.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019992.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019992.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019992.D

Acq: 14 Dec 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

WCS-OH-E6

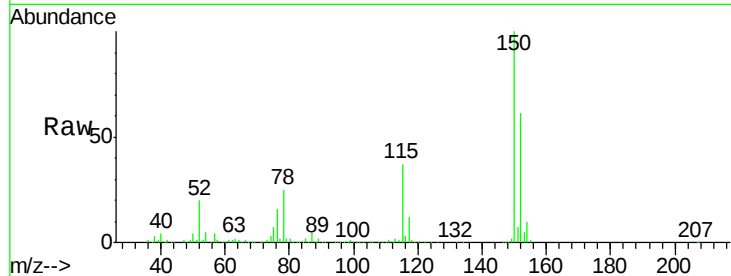
Tot Ion:152 Resp: 226927

Ion Ratio Lower Upper

152 100

115 60.2 41.1 123.3

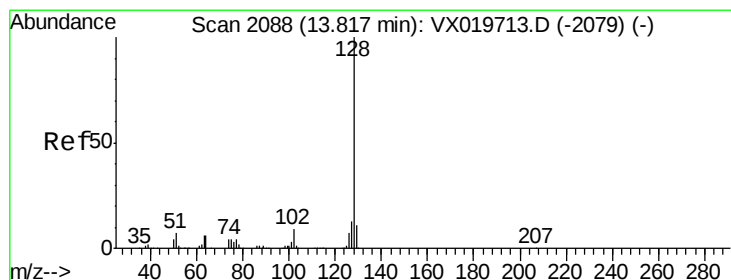
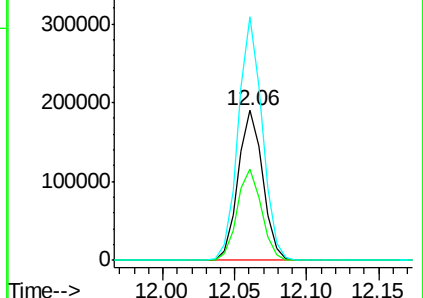
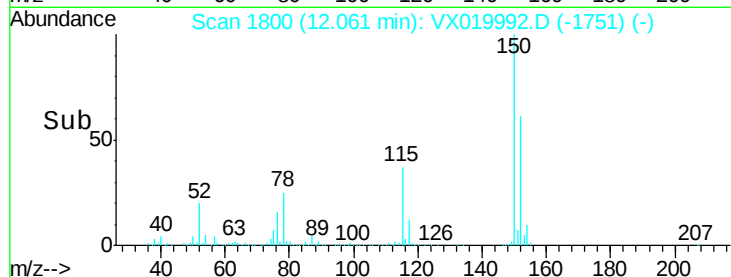
150 158.2 0.0 349.0



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



#95

Naphthalene

Concen: 4.261 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019992.D

Acq: 14 Dec 2020 17:25

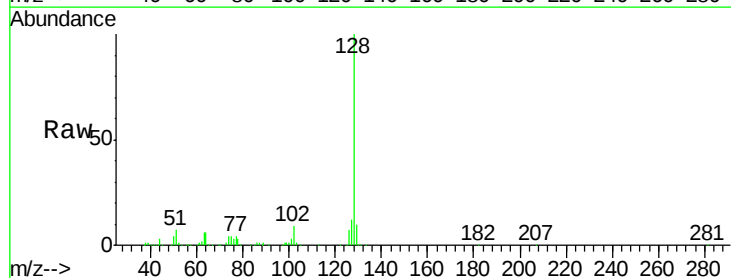
Tgt Ion:128 Resp: 63834

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

