

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019850.D
 Acq On : 11 Dec 2020 01:57
 Operator : JC/MD
 Sample : L4983-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR1-C-BOTTOM

Quant Time: Dec 11 03:19:03 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	320580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	535669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	495168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	204560	48.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.10%		
35) Dibromofluoromethane	5.46	113	165204	47.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.44%		
50) Toluene-d8	8.70	98	657744	49.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.54%		
62) 4-Bromofluorobenzene	11.12	95	229504	45.62	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.24%		

Target Compounds

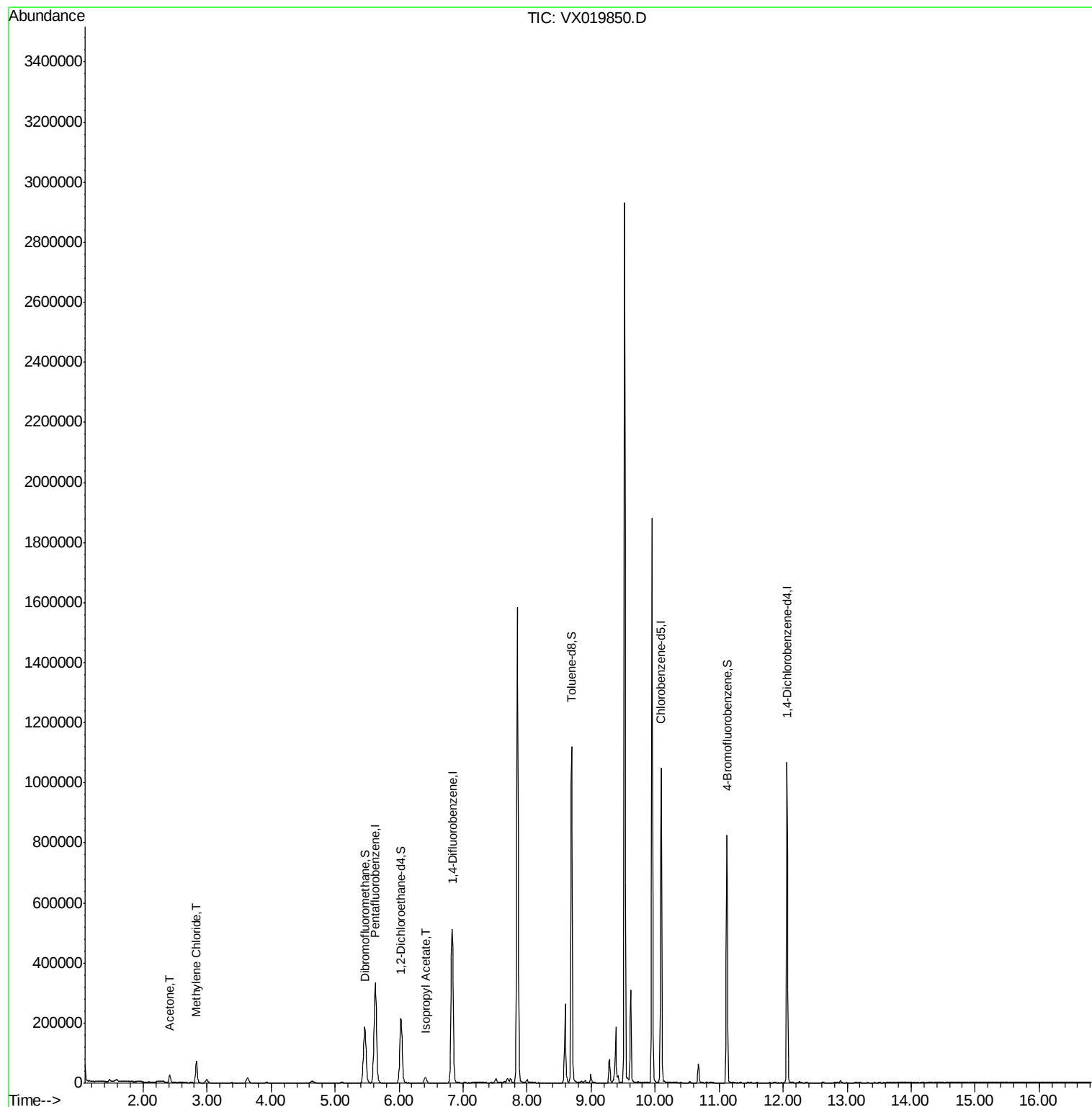
					Qvalue
16) Acetone	2.42	43	25486	16.093	ug/l 96
20) Methylene Chloride	2.83	84	34598	8.386	ug/l 98
43) Isopropyl Acetate	6.41	43	24498	3.083	ug/l 98

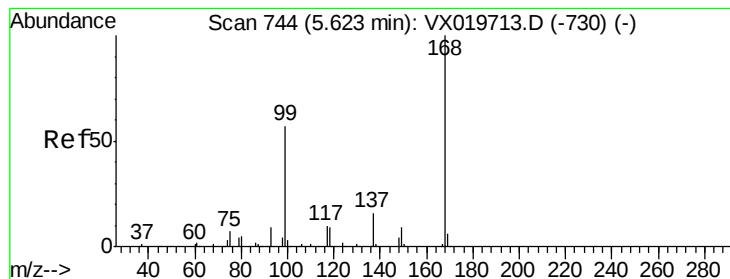
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121020\
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TR1-C-BOTTOM

Quant Time: Dec 11 03:19:03 2020
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: VX019850.D

Acq: 11 Dec 2020 01:57

Instrument :

MSVOA_X

ClientSampleId :

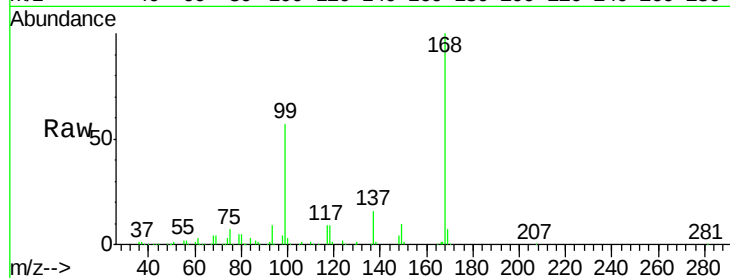
TR1-C-BOTTOM

Tot Ion:168 Resp: 320580

Ion Ratio Lower Upper

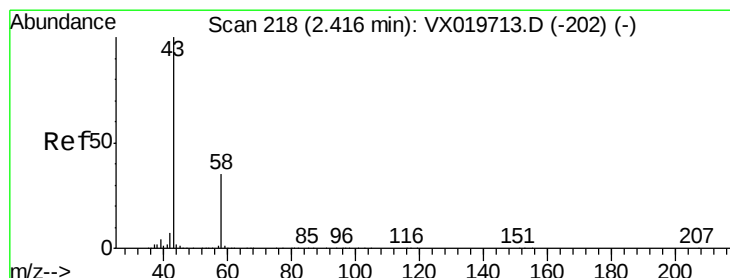
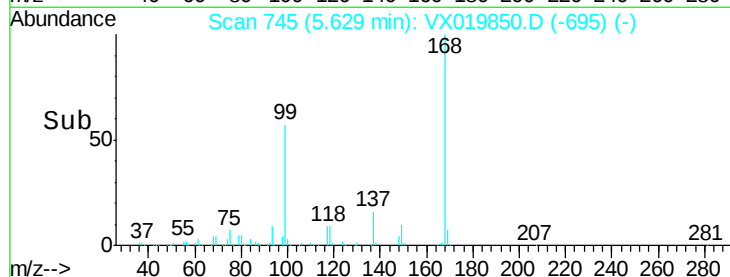
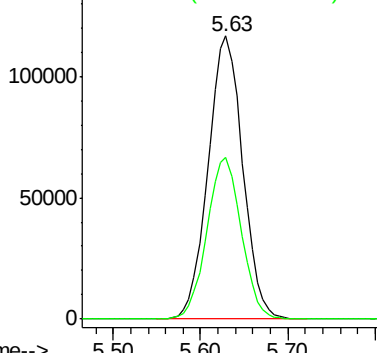
168 100

99 57.2 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: 16.093 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019850.D

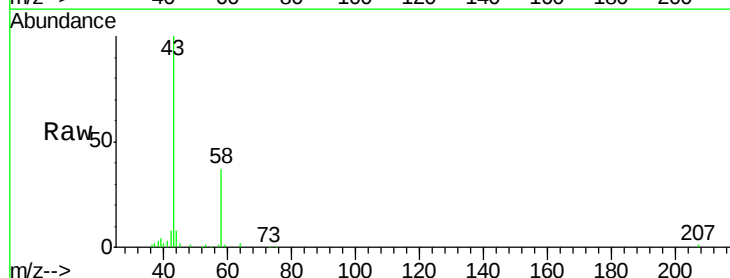
Acq: 11 Dec 2020 01:57

Tgt Ion: 43 Resp: 25486

Ion Ratio Lower Upper

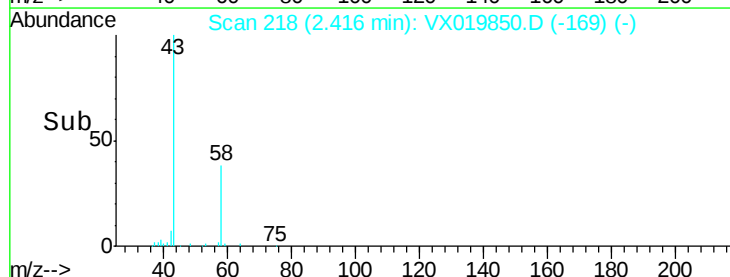
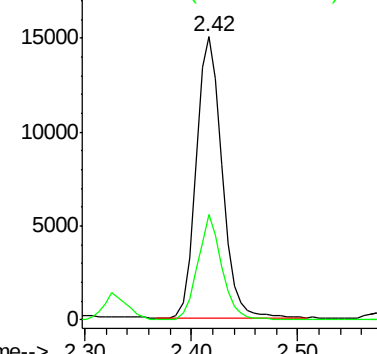
43 100

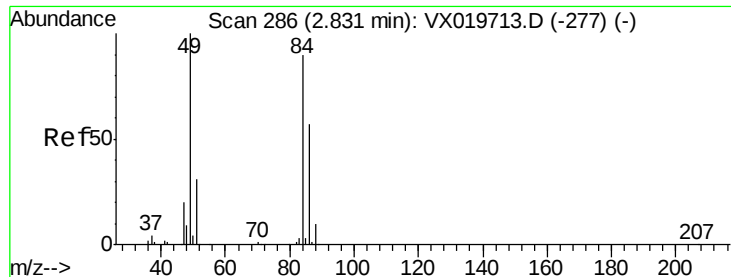
58 37.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

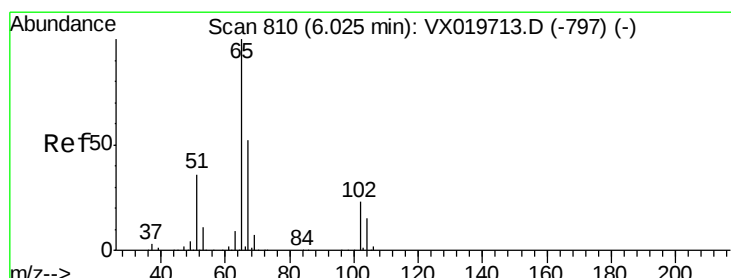
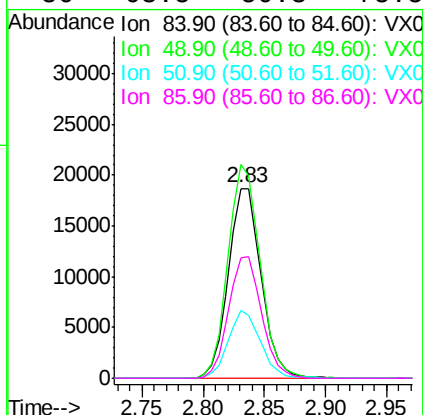
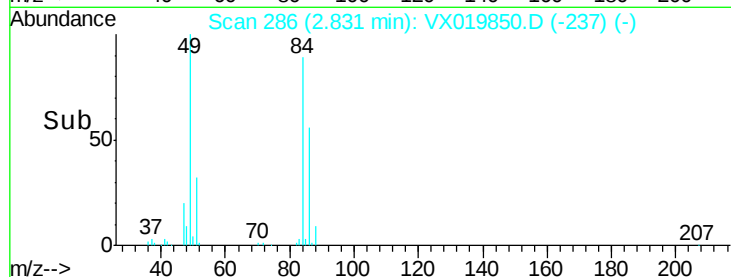
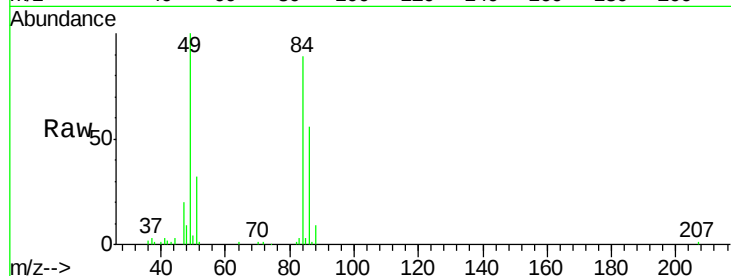




#20
Methvlene Chloride
Concen: 8.386 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019850.D
Acq: 11 Dec 2020 01:57

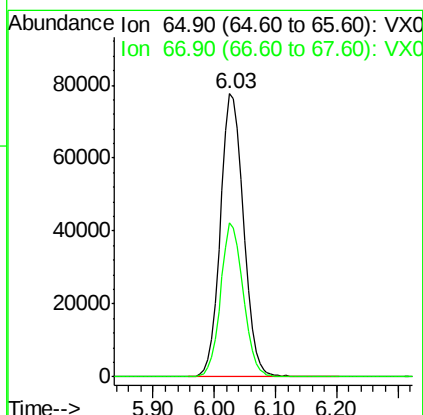
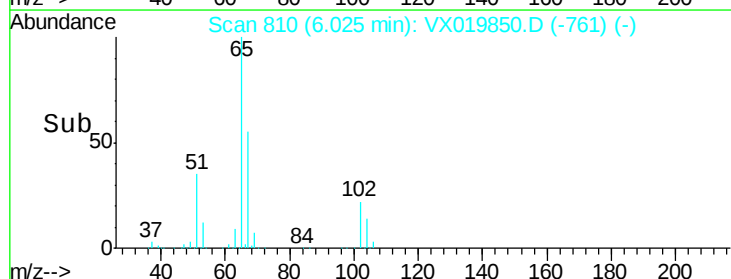
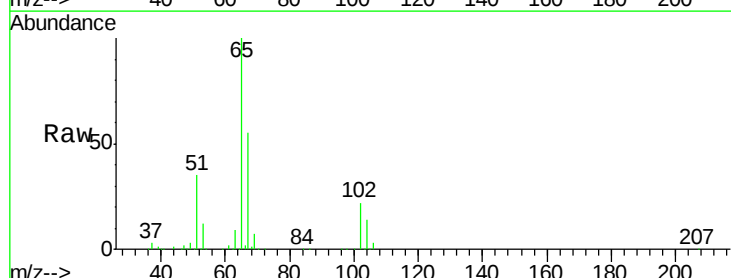
Instrument :
MSVOA_X
ClientSampleId :
TR1-C-BOTTOM

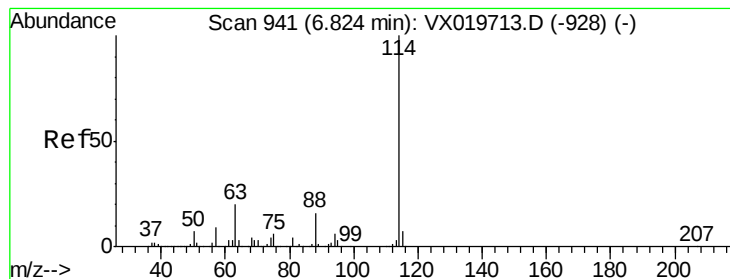
Tot Ion: 84 Resp: 34598
Ion Ratio Lower Upper
84 100
49 112.6 88.6 132.8
51 35.9 27.0 40.6
86 63.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.550 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019850.D
Acq: 11 Dec 2020 01:57

Tgt Ion: 65 Resp: 204560
Ion Ratio Lower Upper
65 100
67 52.9 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: VX019850.D

Acq: 11 Dec 2020 01:57

Instrument :

MSVOA_X

ClientSampleId :

TR1-C-BOTTOM

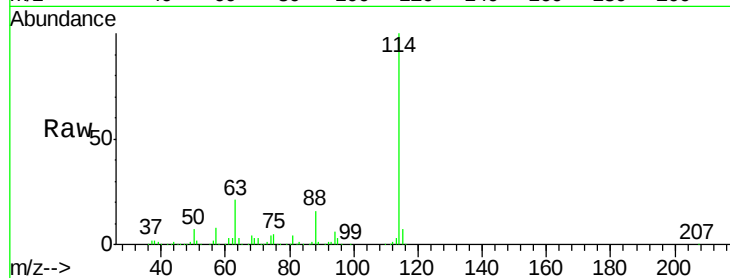
Tot Ion:114 Resp: 535669

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

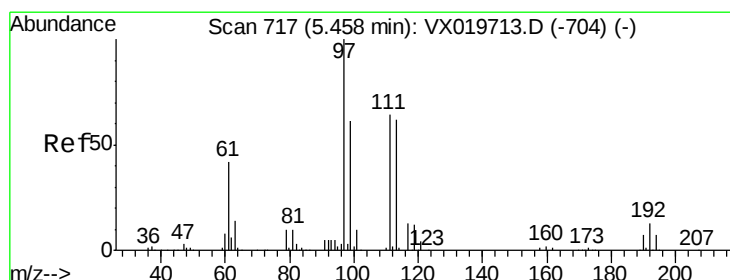
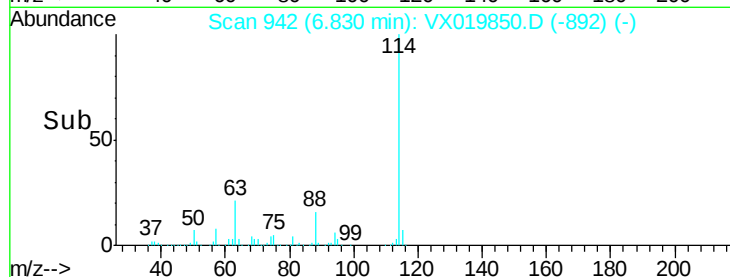
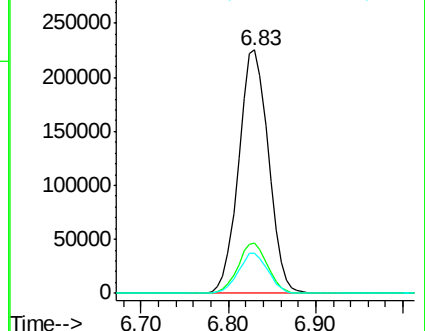
88 16.5 0.0 32.8



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: 47.720 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019850.D

Acq: 11 Dec 2020 01:57

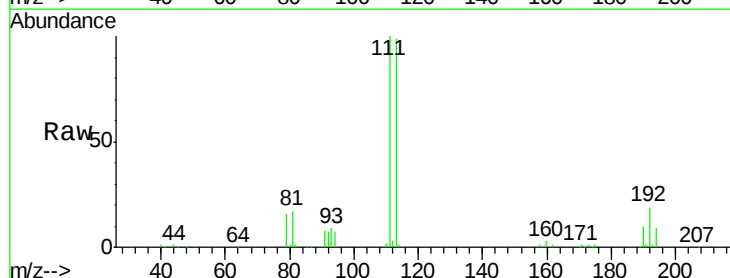
Tgt Ion:113 Resp: 165204

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

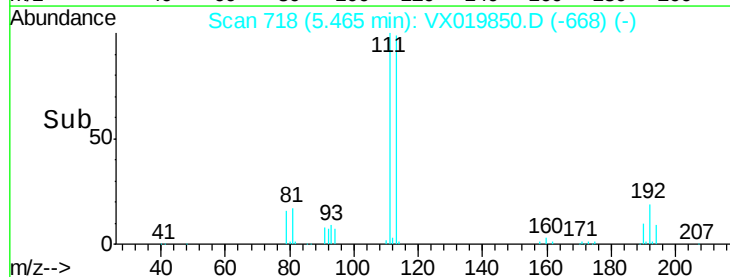
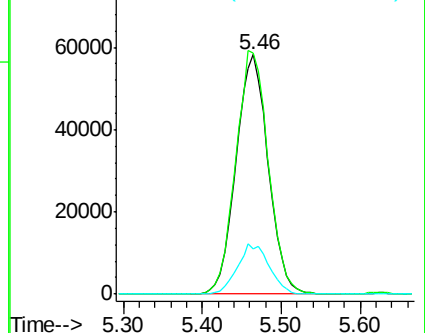
192 20.9 16.7 25.1

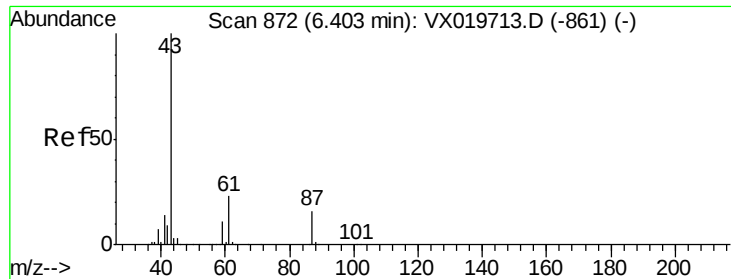


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

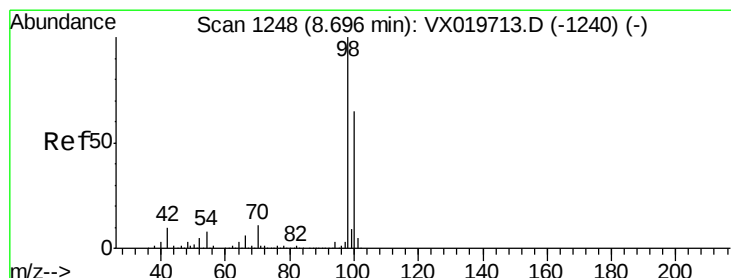
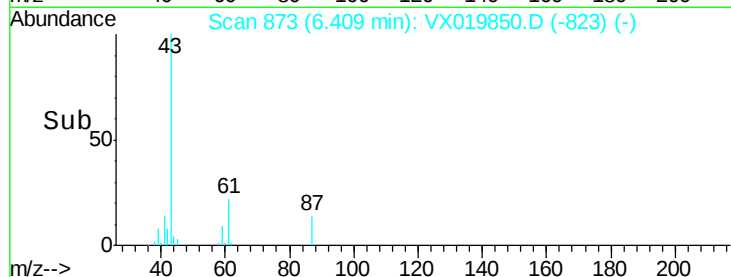
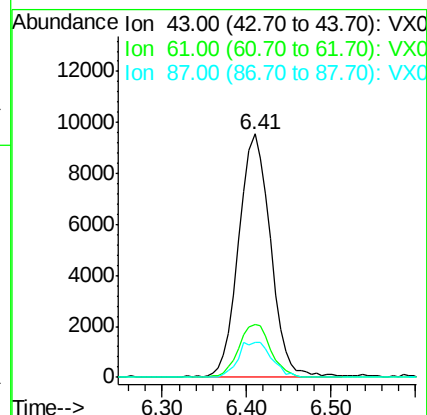
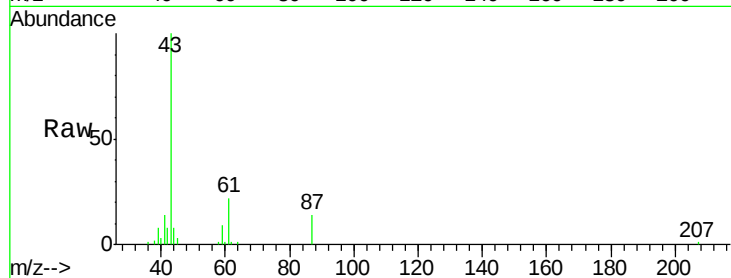




#43
Isopropyl Acetate
Concen: 3.083 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019850.D
Acq: 11 Dec 2020 01:57

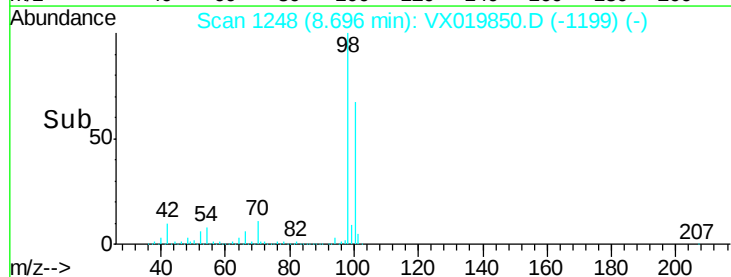
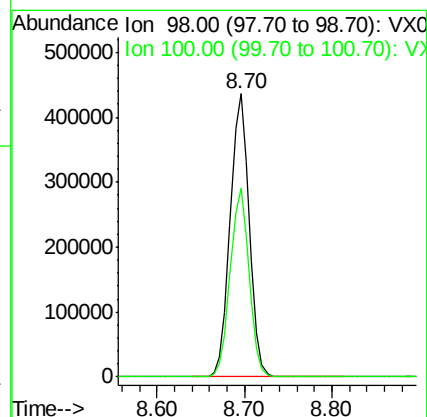
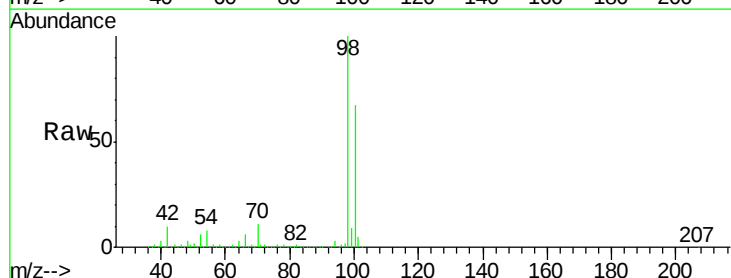
Instrument :
MSVOA_X
ClientSampleId :
TR1-C-BOTTOM

Tot Ion: 43 Resp: 24498
Ion Ratio Lower Upper
43 100
61 21.9 18.2 27.4
87 15.1 12.5 18.7



#50
Toluene-d8
Concen: 49.766 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019850.D
Acq: 11 Dec 2020 01:57

Tgt Ion: 98 Resp: 657744
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.623 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019850.D

Acq: 11 Dec 2020 01:57

Instrument :

MSVOA_X

ClientSampleId :

TR1-C-BOTTOM

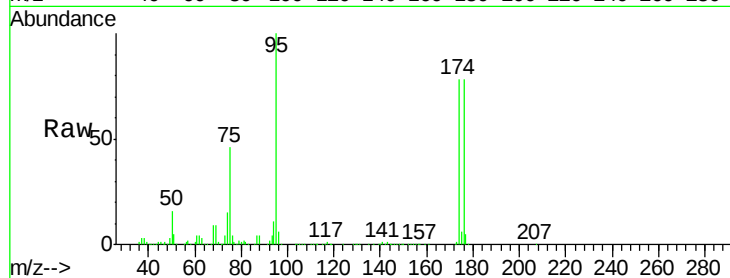
Tot Ion: 95 Resp: 229504

Ion Ratio Lower Upper

95 100

174 77.0 0.0 154.6

176 76.6 0.0 155.8



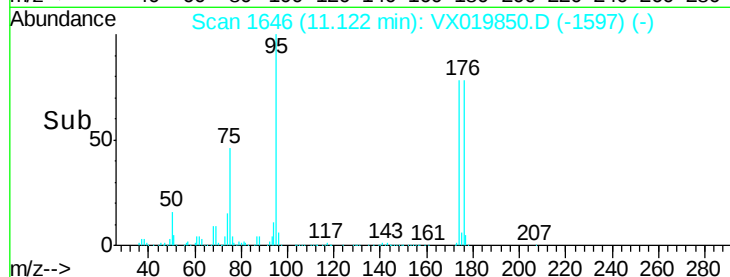
Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

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

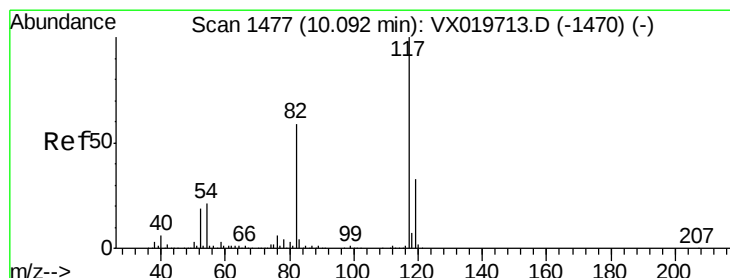
Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

11.12

11.10 11.20



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019850.D

Acq: 11 Dec 2020 01:57

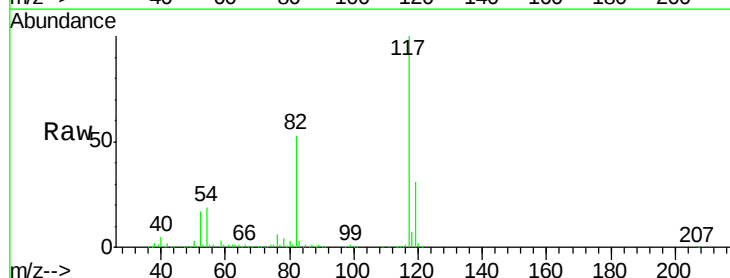
Tgt Ion: 117 Resp: 495168

Ion Ratio Lower Upper

117 100

82 53.4 47.4 71.2

119 31.0 26.6 39.8



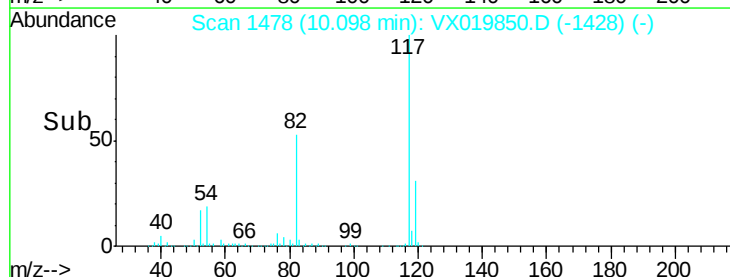
Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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

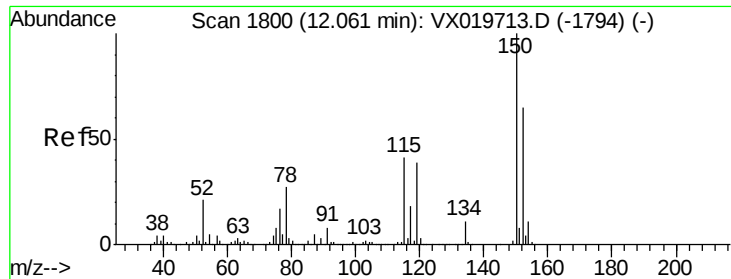
Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

10.10

10.00 10.20



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: VX019850.D

Acq: 11 Dec 2020 01:57

Instrument :

MSVOA_X

ClientSampleId :

TR1-C-BOTTOM

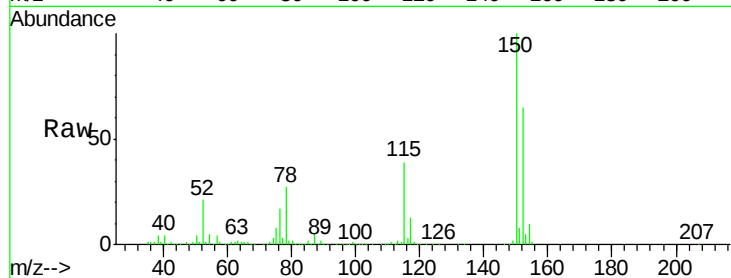
Tot Ion:152 Resp: 212418

Ion Ratio Lower Upper

152 100

115 59.8 41.1 123.3

150 154.1 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

