

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019820.D
 Acq On : 10 Dec 2020 13:11
 Operator : JC/MD
 Sample : L4996-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20201208

Quant Time: Dec 11 01:27:17 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	309322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	524117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	476691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	199597	49.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.20%		
35) Dibromofluoromethane	5.46	113	160295	47.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.64%		
50) Toluene-d8	8.70	98	633112	48.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.92%		
62) 4-Bromofluorobenzene	11.12	95	218466	44.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.78%		

Target Compounds

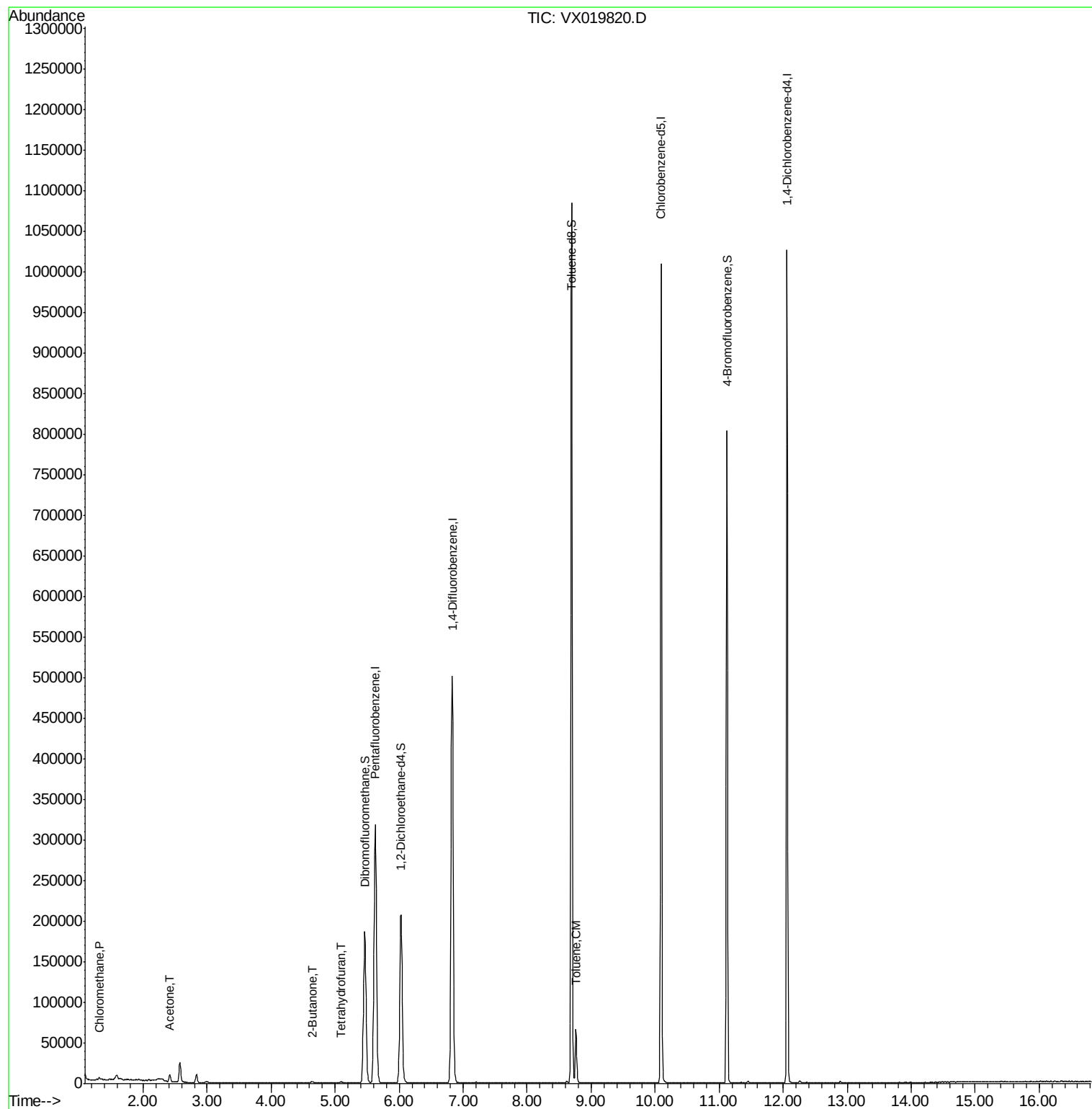
					Qvalue
3) Chloromethane	1.31	50	954	0.286 ug/l	99
16) Acetone	2.42	43	8698	5.692 ug/l	98
25) 2-Butanone	4.64	43	1734	0.738 ug/l #	89
29) Tetrahydrofuran	5.10	42	1250	0.826 ug/l #	86
52) Toluene	8.76	92	24163	2.670 ug/l	100

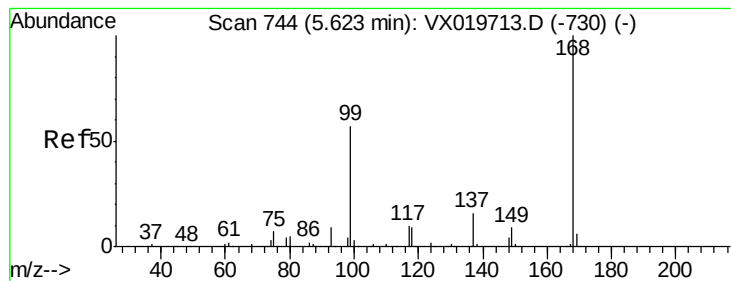
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121020\
Data File : VX019820.D
Acq On : 10 Dec 2020 13:11
Operator : JC/MD
Sample : L4996-26
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB01-20201208

Quant Time: Dec 11 01:27:17 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: VX019820.D

Acq: 10 Dec 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

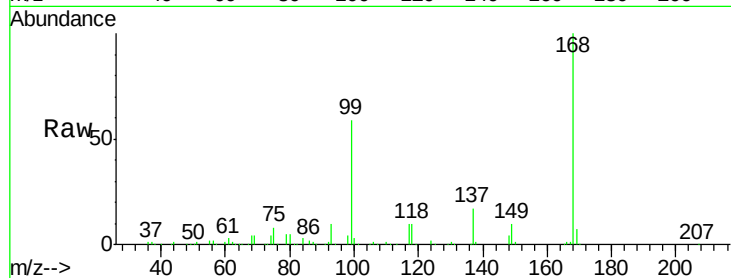
EB01-20201208

Tot Ion:168 Resp: 309322

Ion Ratio Lower Upper

168 100

99 59.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

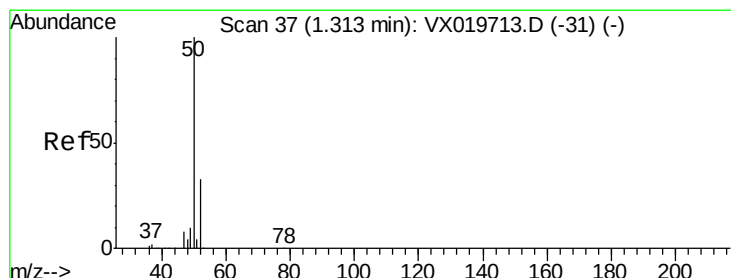
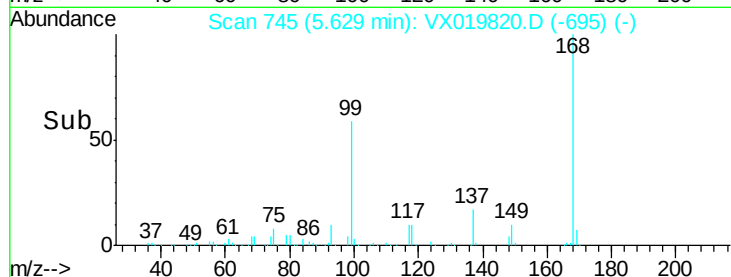
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.286 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019820.D

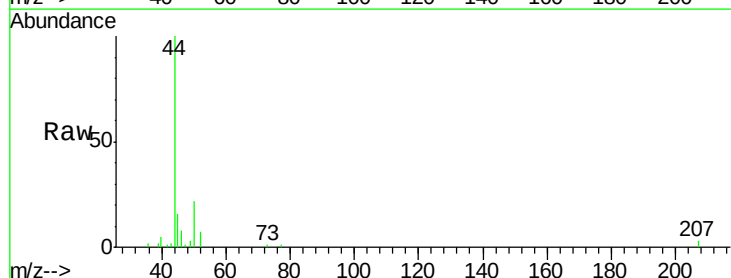
Acq: 10 Dec 2020 13:11

Tgt Ion: 50 Resp: 954

Ion Ratio Lower Upper

50 100

52 33.4 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1200

1000

800

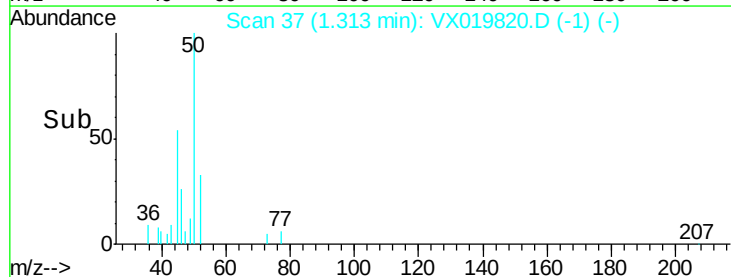
600

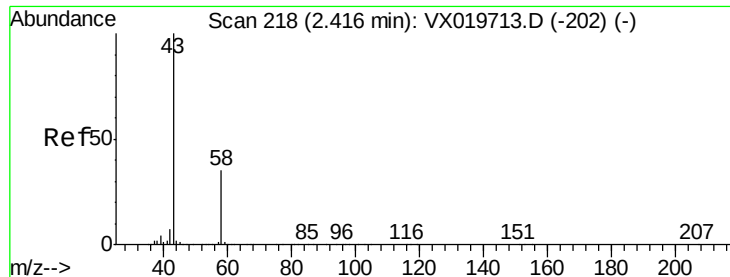
400

200

0

Time-->





#16

Acetone

Concen: 5.692 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019820.D

Acq: 10 Dec 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

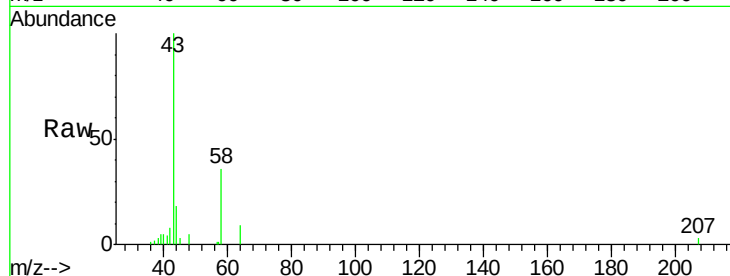
EB01-20201208

Tot Ion: 43 Resp: 8698

Ion Ratio Lower Upper

43 100

58 36.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

6000

5000

4000

3000

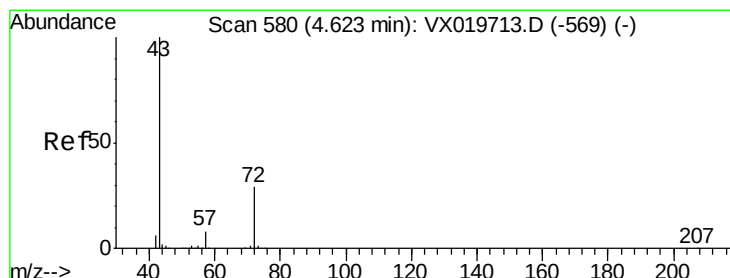
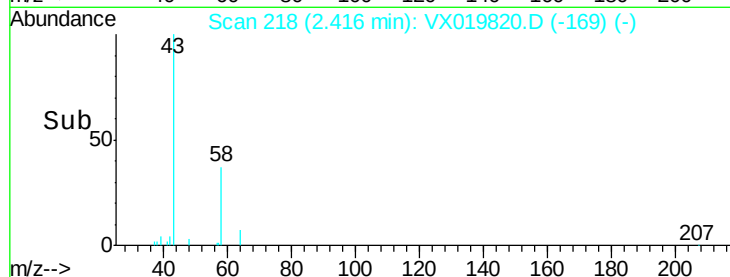
2000

1000

0

2.35 2.40 2.45 2.50

Time-->



#25

2-Butanone

Concen: 0.738 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX019820.D

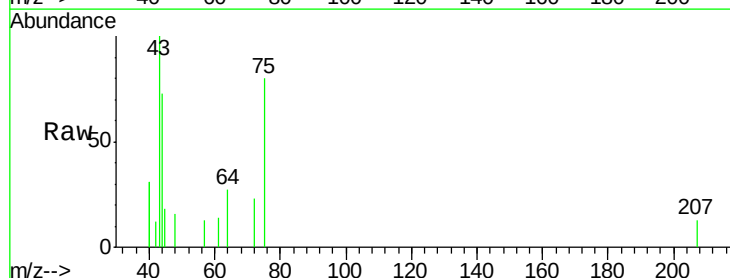
Acq: 10 Dec 2020 13:11

Tgt Ion: 43 Resp: 1734

Ion Ratio Lower Upper

43 100

72 23.4 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

600

500

400

300

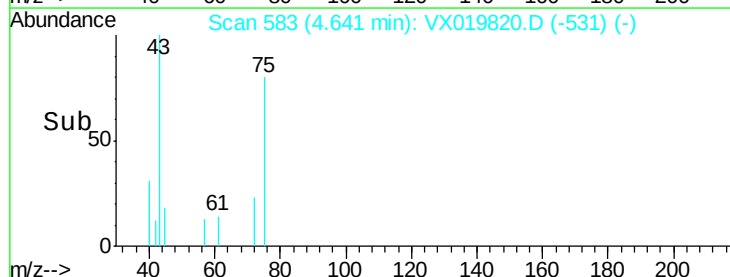
200

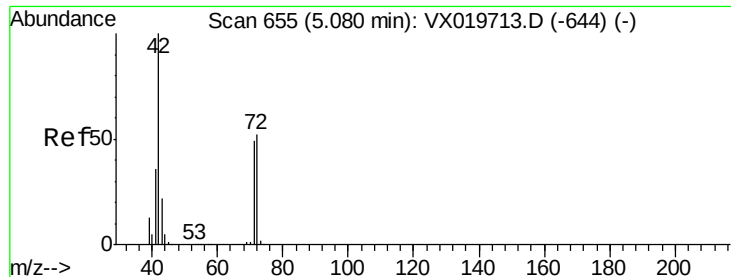
100

0

4.55 4.60 4.65 4.70

Time-->

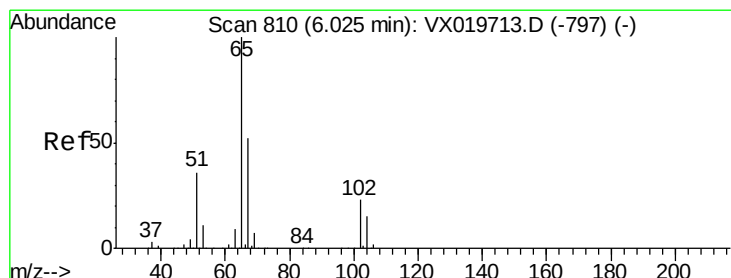
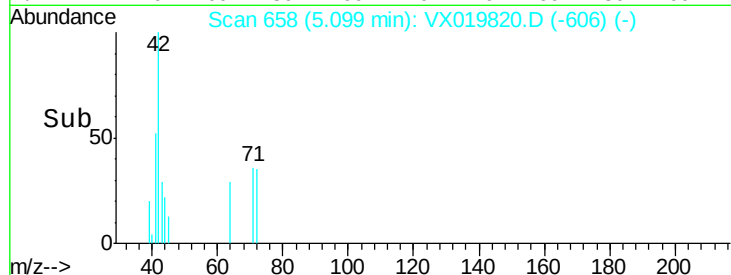
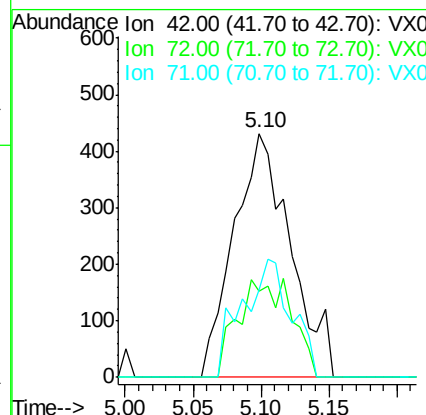
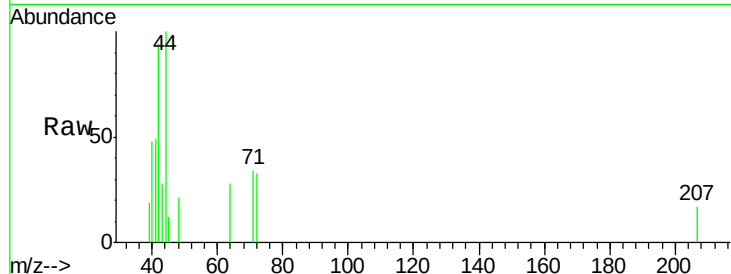




#29
Tetrahydrofuran
Concen: 0.826 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019820.D
Acq: 10 Dec 2020 13:11

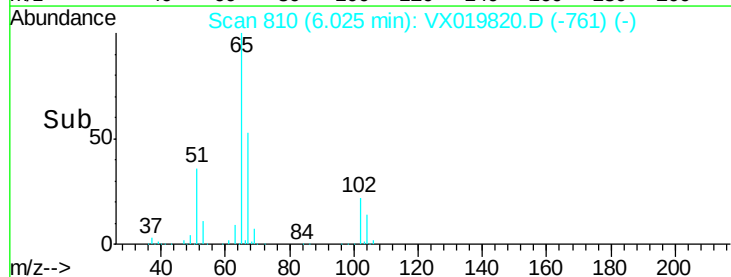
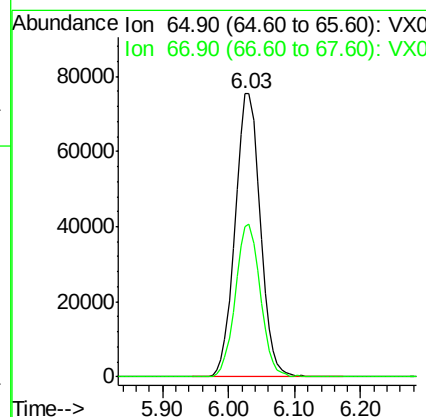
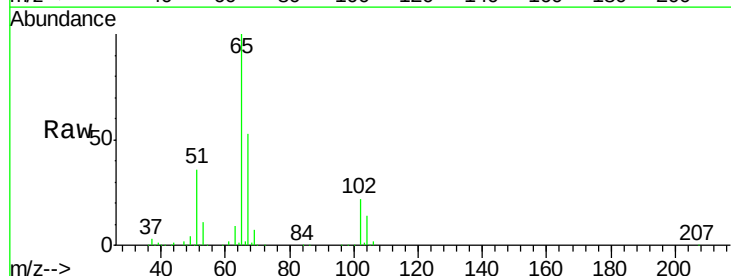
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201208

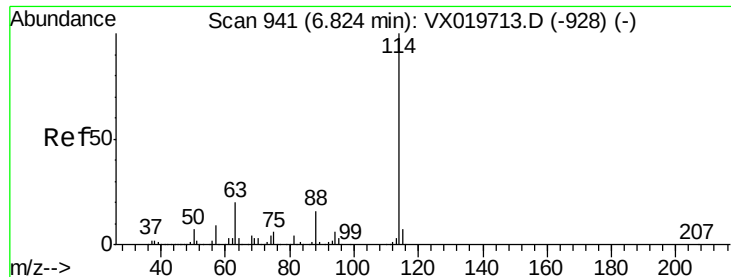
Tot Ion: 42 Resp: 1250
Ion Ratio Lower Upper
42 100
72 38.3 41.7 62.5#
71 42.3 38.4 57.6



#33
1,2-Dichloroethane-d4
Concen: 49.097 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019820.D
Acq: 10 Dec 2020 13:11

Tgt Ion: 65 Resp: 199597
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

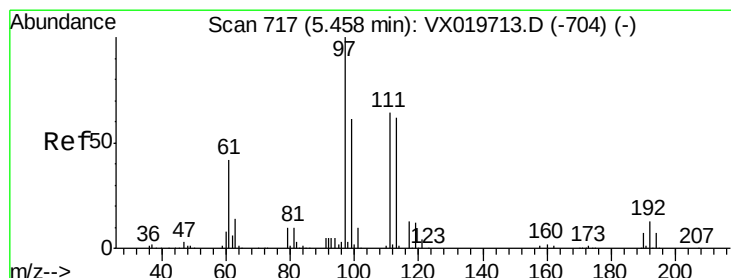
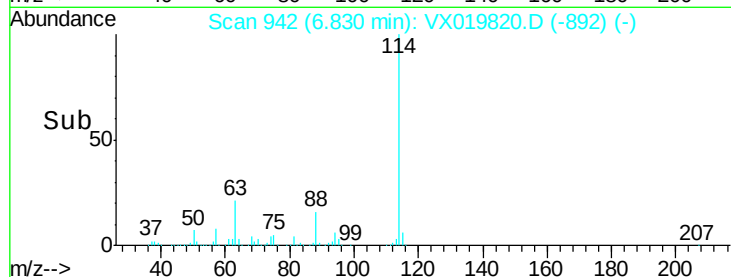
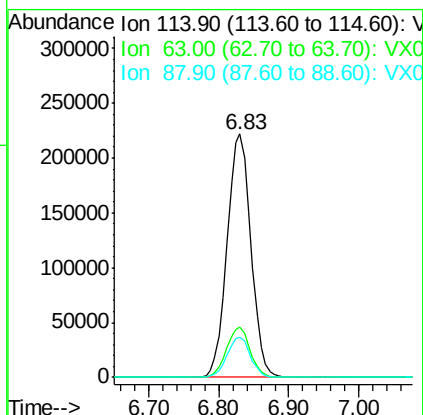
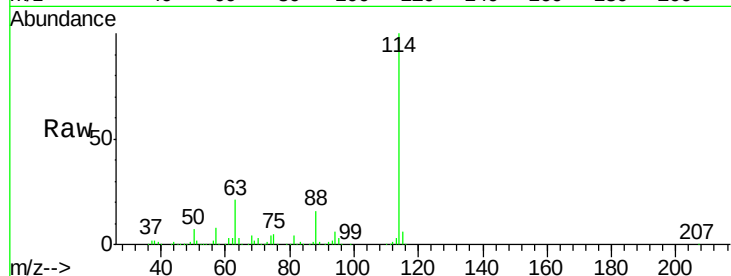




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019820.D
Acq: 10 Dec 2020 13:11

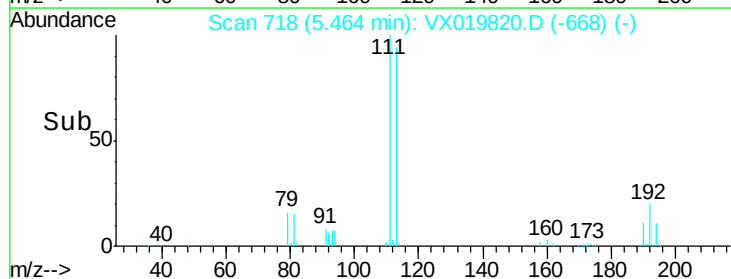
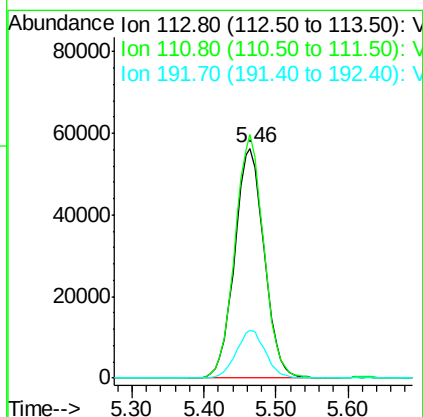
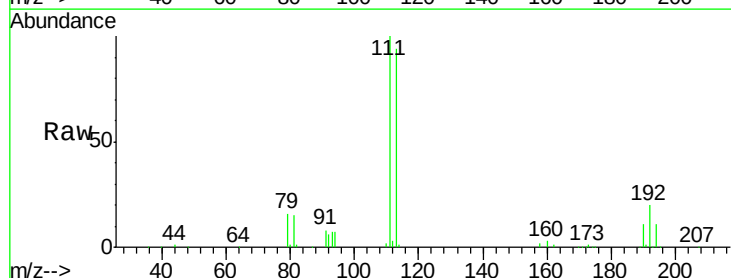
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201208

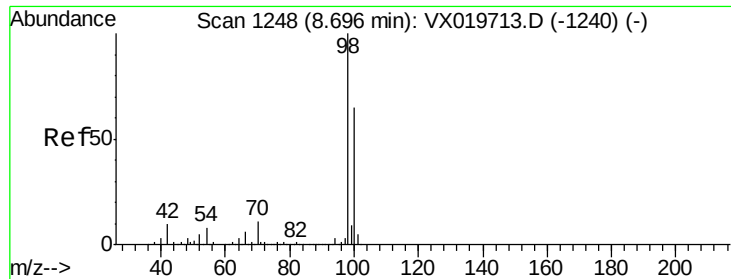
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.5	0.0	32.8



#35
Dibromofluoromethane
Concen: 47.322 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019820.D
Acq: 10 Dec 2020 13:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	20.6	16.7	25.1

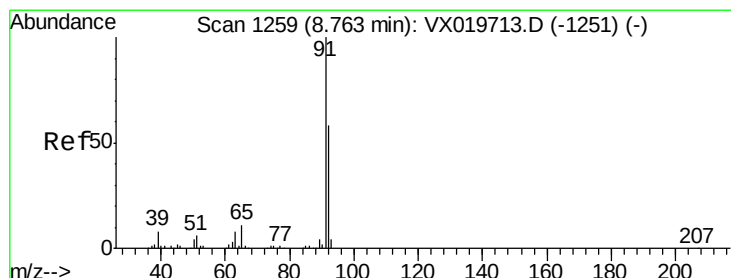
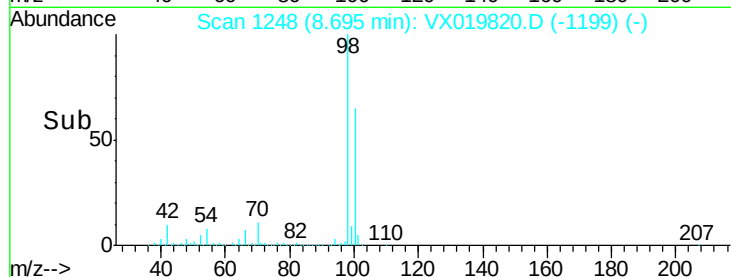
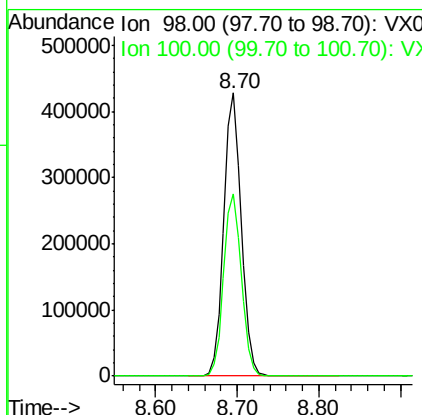
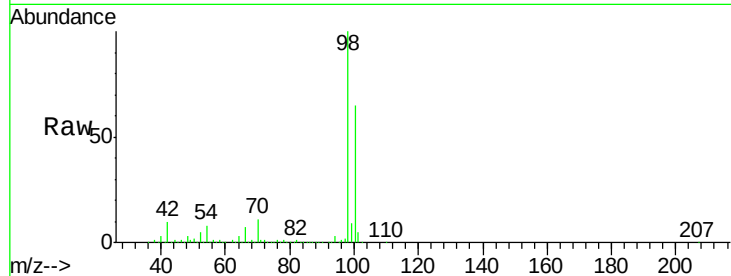




#50
Toluene-d8
Concen: 48.958 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019820.D
Acq: 10 Dec 2020 13:11

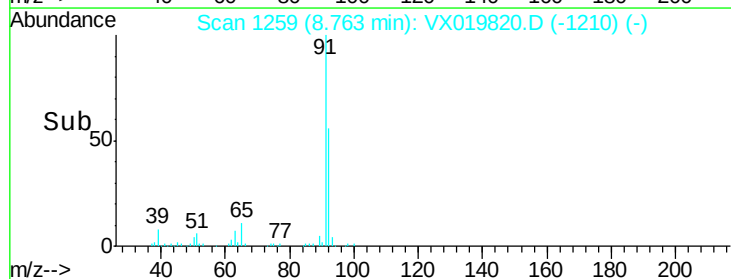
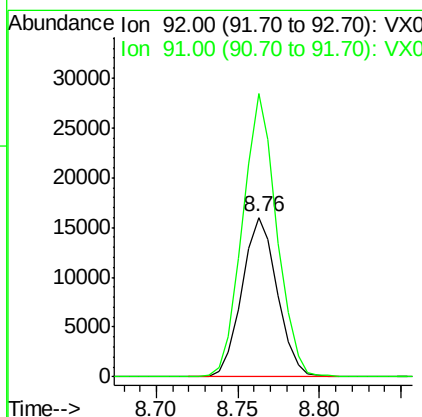
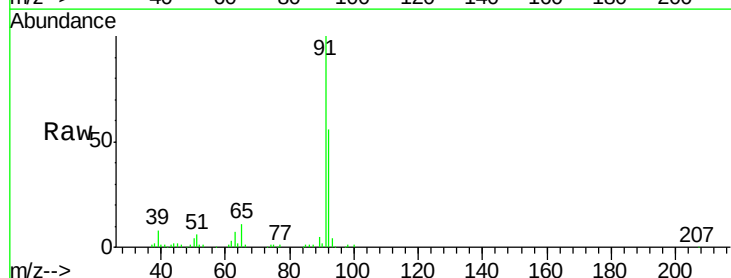
Instrument :
MSVOA_X
ClientSampleId :
EB01-20201208

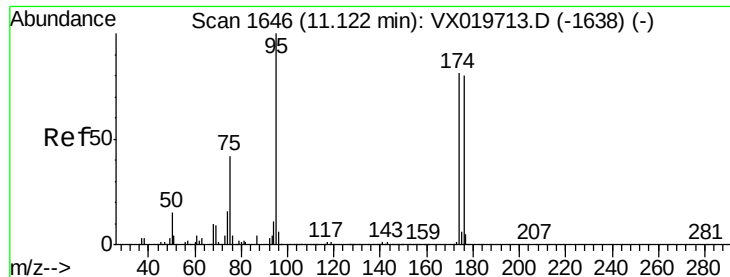
Tot Ion: 98 Resp: 633112
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#52
Toluene
Concen: 2.670 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019820.D
Acq: 10 Dec 2020 13:11

Tgt Ion: 92 Resp: 24163
Ion Ratio Lower Upper
92 100
91 171.8 137.1 205.7





#62

4-Bromofluorobenzene

Concen: 44.386 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019820.D

Acq: 10 Dec 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

EB01-20201208

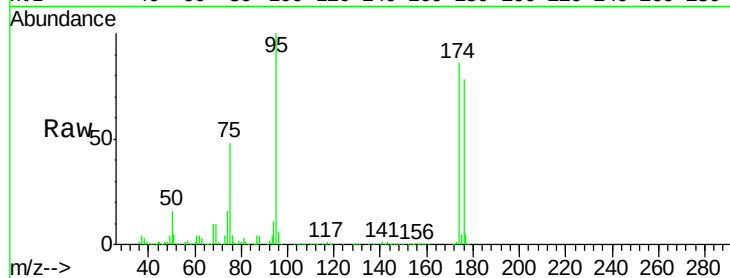
Tot Ion: 95 Resp: 218466

Ion Ratio Lower Upper

95 100

174 80.4 0.0 154.6

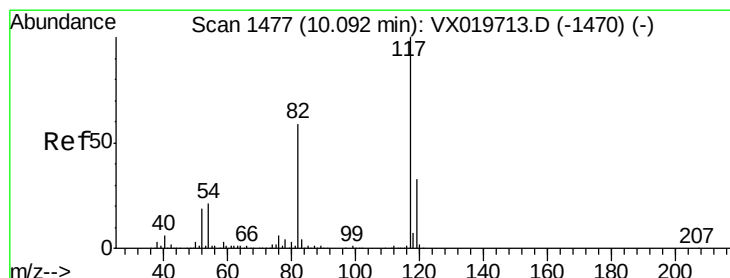
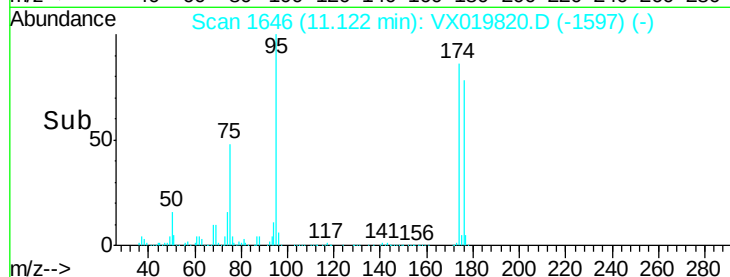
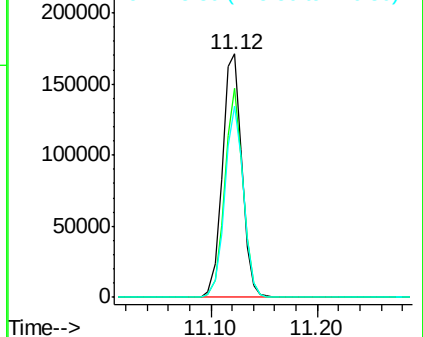
176 76.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX

Ion 173.80 (173.50 to 174.50): VX

Ion 175.80 (175.50 to 176.50): VX



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019820.D

Acq: 10 Dec 2020 13:11

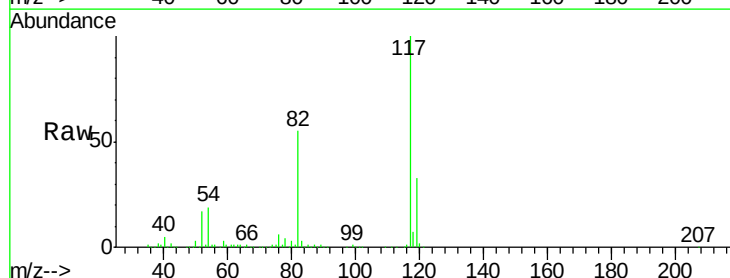
Tgt Ion: 117 Resp: 476691

Ion Ratio Lower Upper

117 100

82 55.1 47.4 71.2

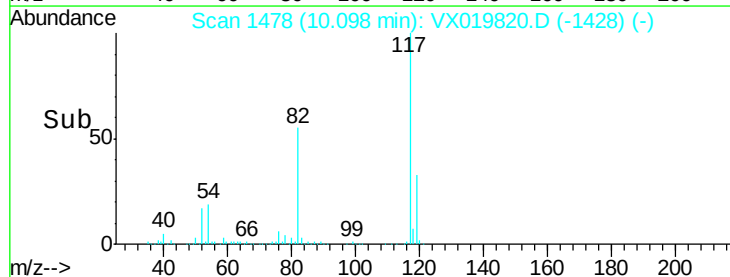
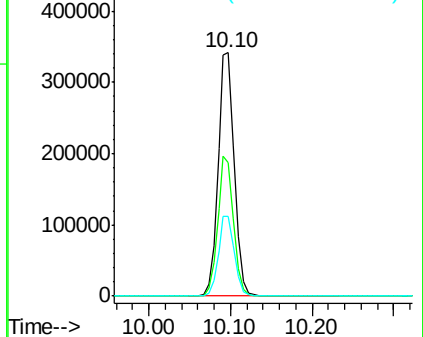
119 32.5 26.6 39.8

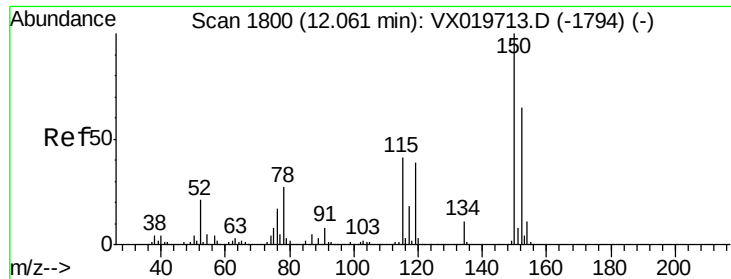


Abundance Ion 116.90 (116.60 to 117.60): VX

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): VX





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019820.D

Acq: 10 Dec 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

EB01-20201208

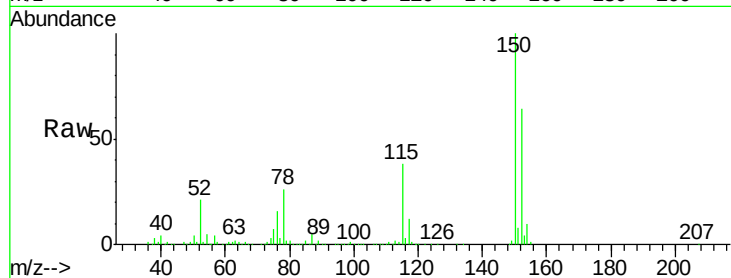
Tot Ion:152 Resp: 204257

Ion Ratio Lower Upper

152 100

115 59.6 41.1 123.3

150 157.6 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

