

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019614.D
 Acq On : 24 Nov 2020 18:38
 Operator : JC/MD
 Sample : L4597-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-03-112320

Quant Time: Nov 25 05:55:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	324400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	540466	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	491732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	203330	48.34	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.68%		
35) Dibromofluoromethane	5.46	113	161447	47.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.18%		
50) Toluene-d8	8.70	98	657258	49.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.72%		
62) 4-Bromofluorobenzene	11.12	95	224142	47.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.52%		

Target Compounds

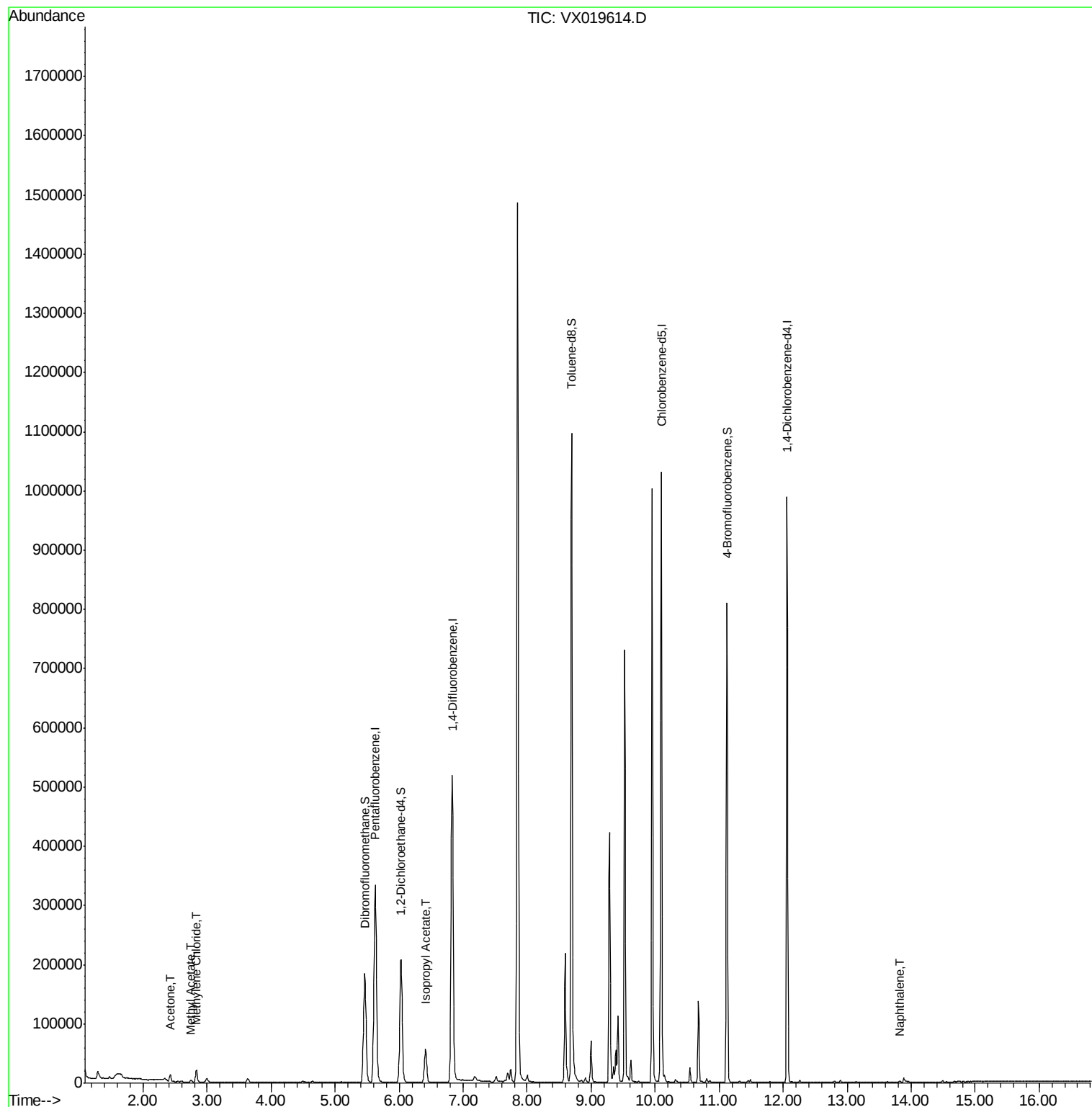
					Qvalue
16) Acetone	2.42	43	12427	7.640	ug/l 97
18) Methyl Acetate	2.75	43	4729	1.805	ug/l 98
20) Methylene Chloride	2.83	84	10295	2.532	ug/l 91
43) Isopropyl Acetate	6.41	43	76110	9.518	ug/l 100
95) Naphthalene	13.82	128	1153	2.253	ug/l # 96

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

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

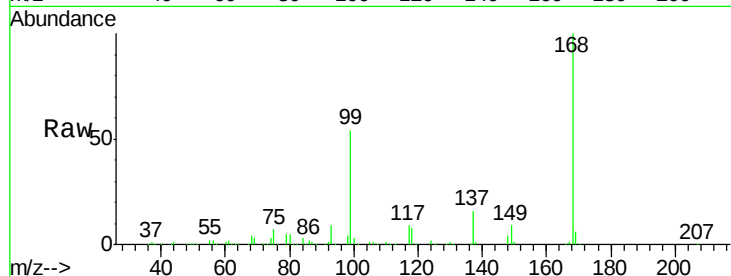
BU-03-112320

Tot Ion:168 Resp: 324400

Ion Ratio Lower Upper

168 100

99 53.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

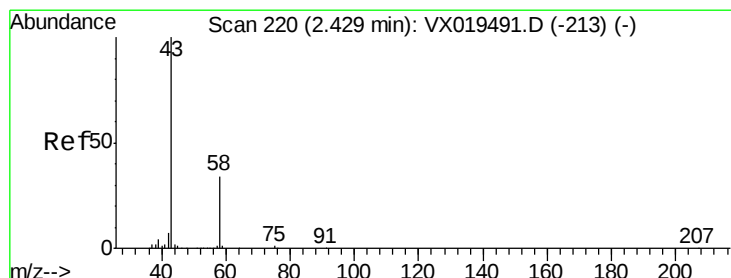
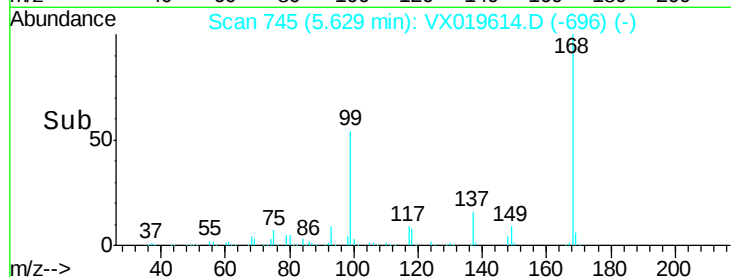
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 7.640 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019614.D

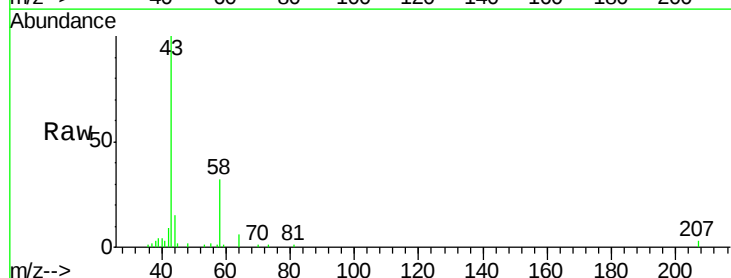
Acq: 24 Nov 2020 18:38

Tgt Ion: 43 Resp: 12427

Ion Ratio Lower Upper

43 100

58 32.4 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

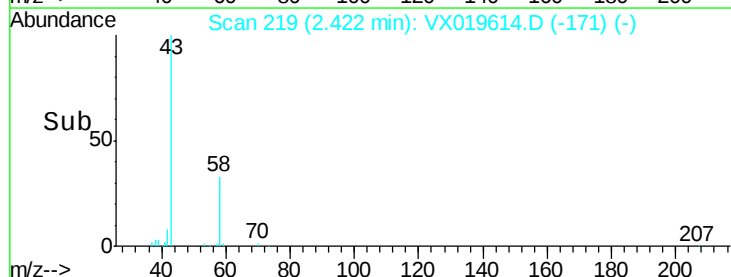
6000

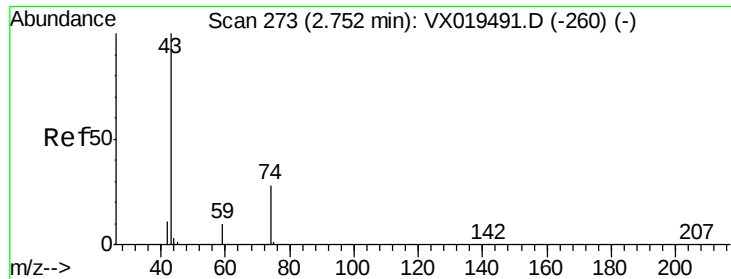
4000

2000

0

Time-->

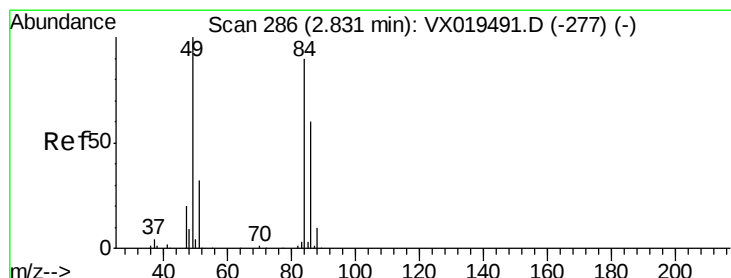
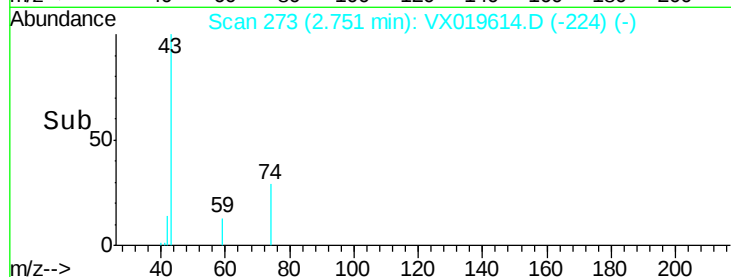
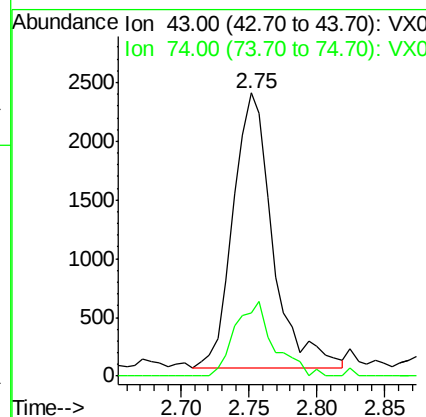
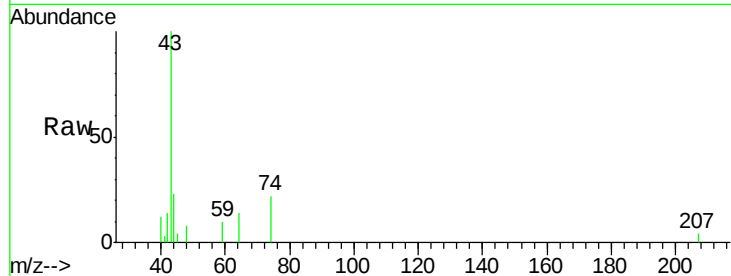




#18
Methvl Acetate
Concen: 1.805 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019614.D
Acq: 24 Nov 2020 18:38

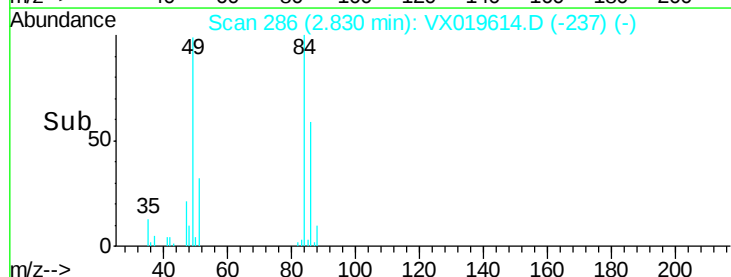
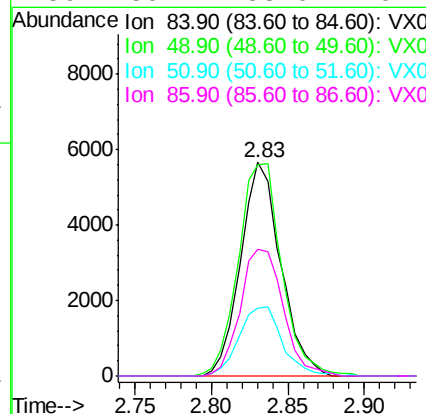
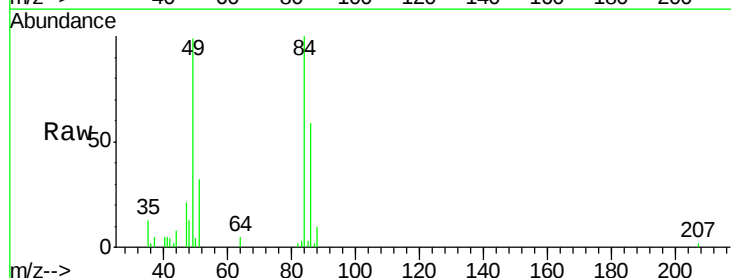
Instrument :
MSVOA_X
ClientSampled :
BU-03-112320

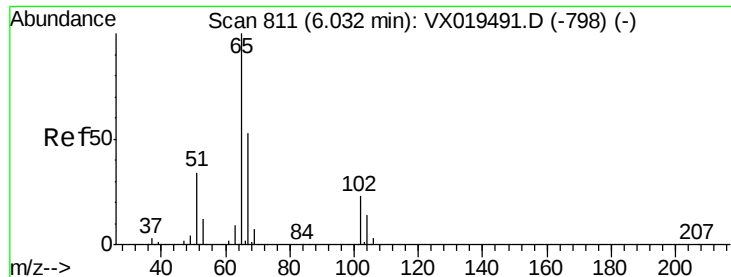
Tot Ion: 43 Resp: 4729
Ion Ratio Lower Upper
43 100
74 26.7 22.2 33.4



#20
Methylene Chloride
Concen: 2.532 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019614.D
Acq: 24 Nov 2020 18:38

Tgt Ion: 84 Resp: 10295
Ion Ratio Lower Upper
84 100
49 98.8 88.5 132.7
51 31.6 28.0 42.0
86 59.4 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.341 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

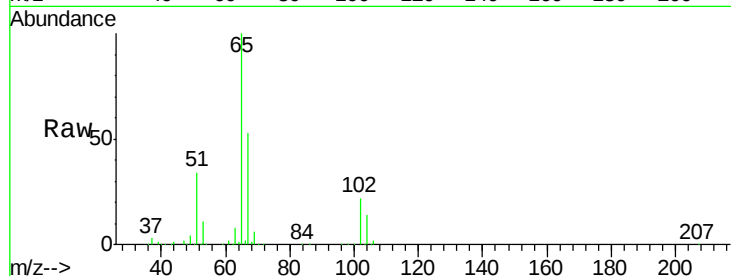
BU-03-112320

Tot Ion: 65 Resp: 203330

Ion Ratio Lower Upper

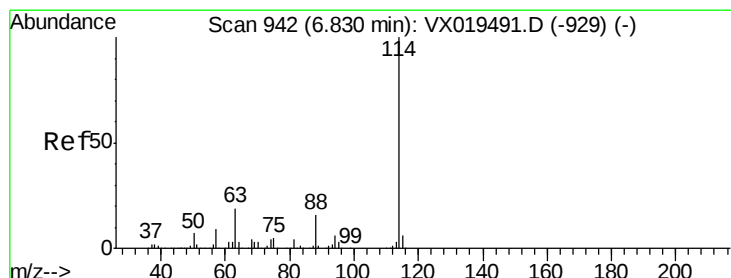
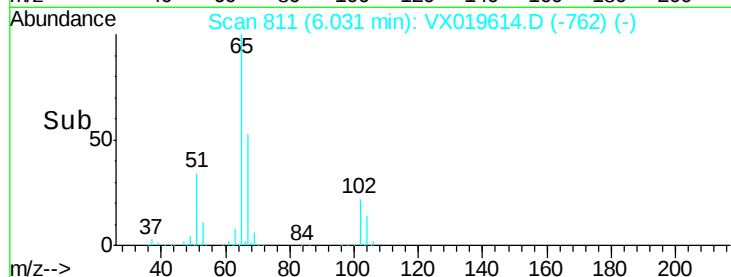
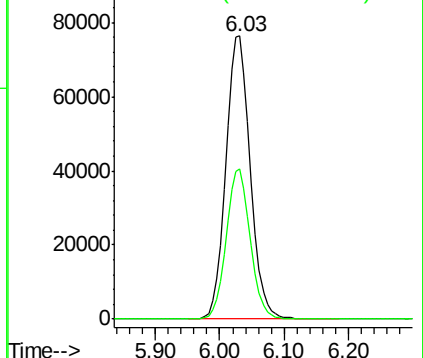
65 100

67 52.0 0.0 105.0



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. -0.00 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

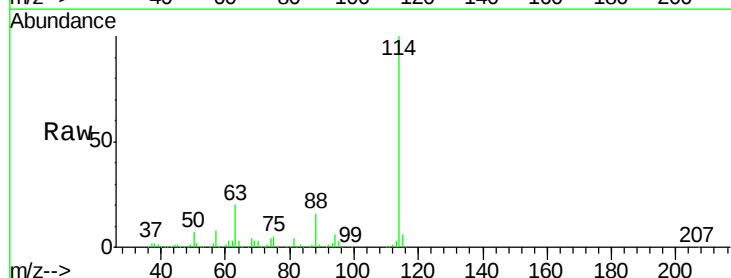
Tgt Ion: 114 Resp: 540466

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

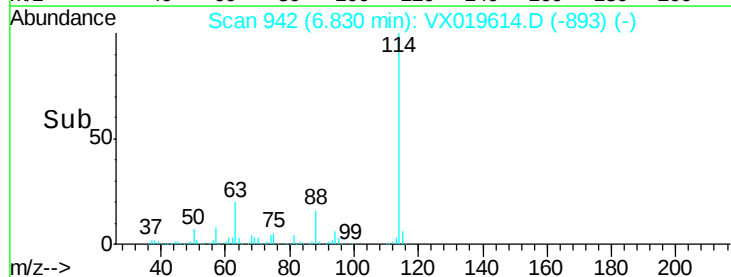
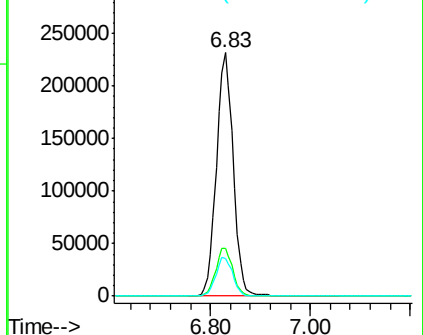
88 15.5 0.0 31.6

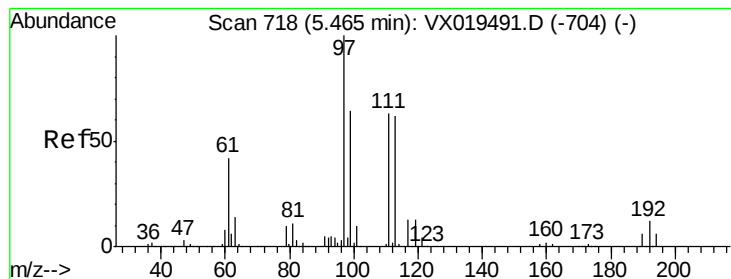


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.589 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

BU-03-112320

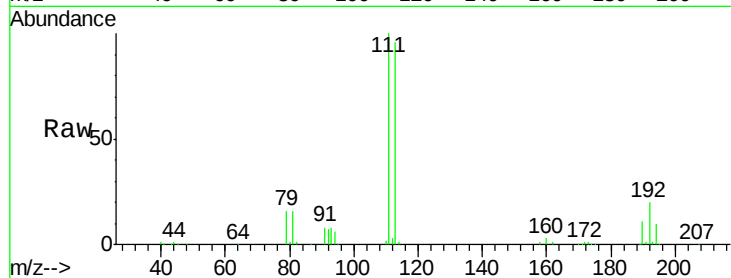
Tot Ion:113 Resp: 161447

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

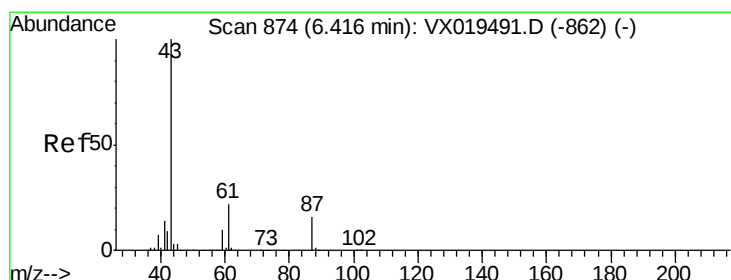
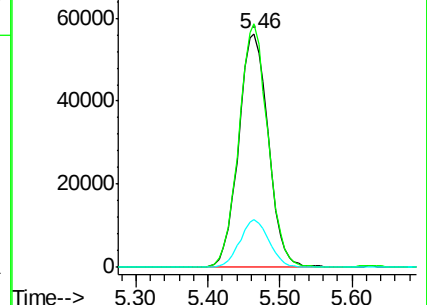
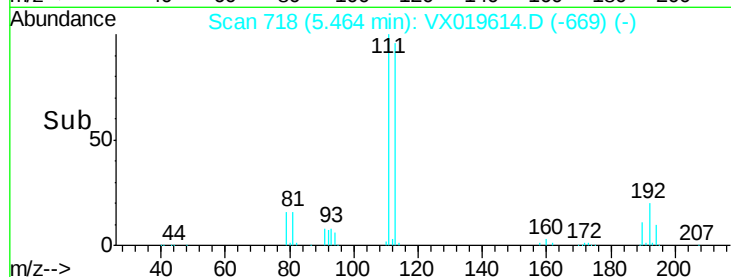
192 20.2 16.2 24.2



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: 9.518 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

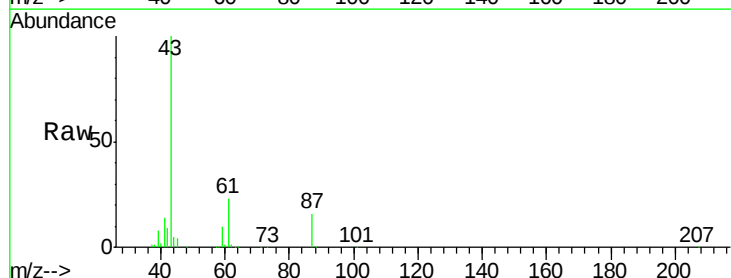
Tgt Ion: 43 Resp: 76110

Ion Ratio Lower Upper

43 100

61 22.5 18.2 27.2

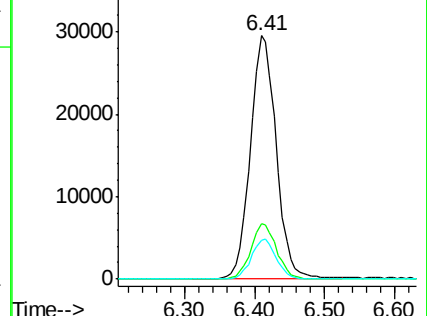
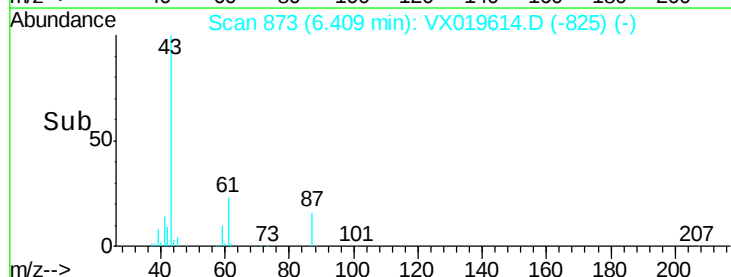
87 15.7 12.6 18.8

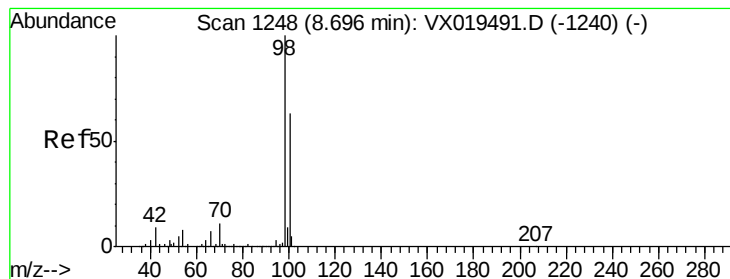


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.857 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

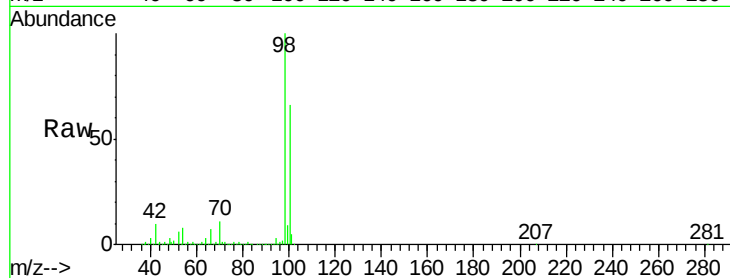
BU-03-112320

Tot Ion: 98 Resp: 657258

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

400000

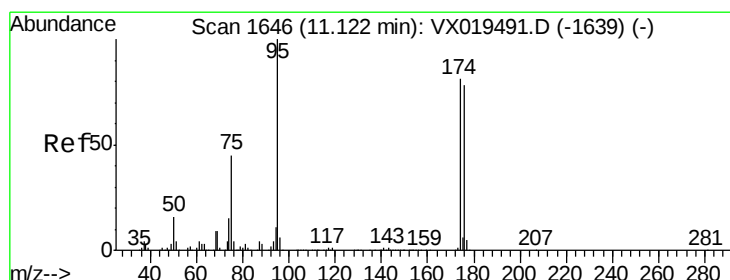
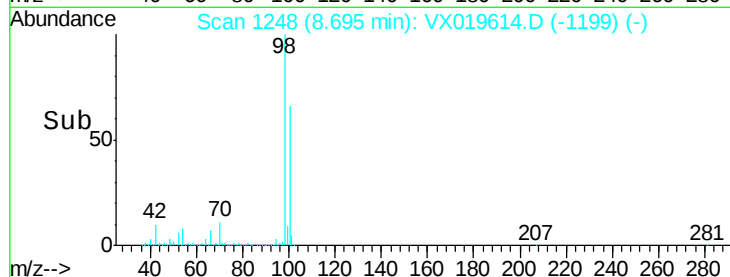
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.257 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

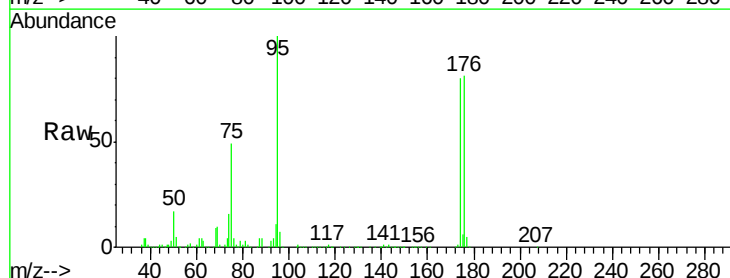
Tgt Ion: 95 Resp: 224142

Ion Ratio Lower Upper

95 100

174 75.8 0.0 156.2

176 76.0 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

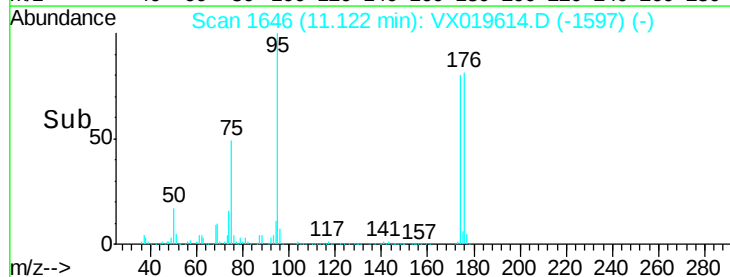
150000

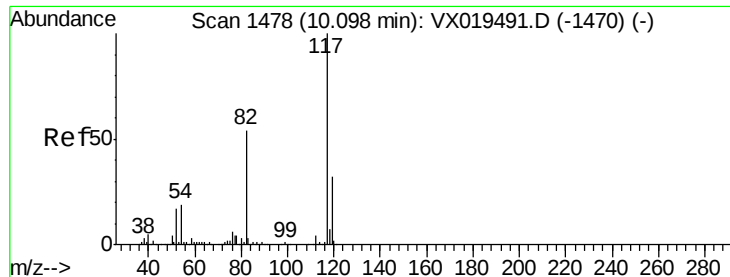
100000

50000

0

Time-->

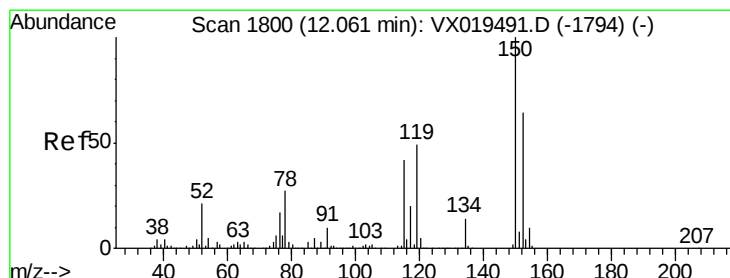
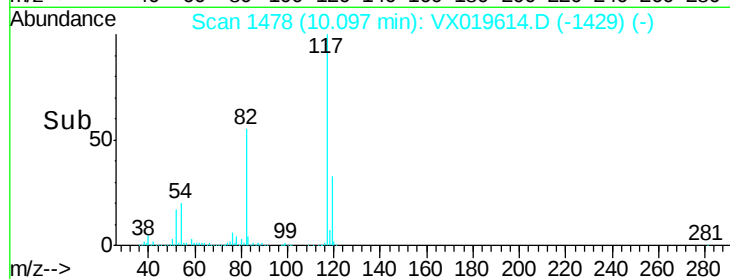
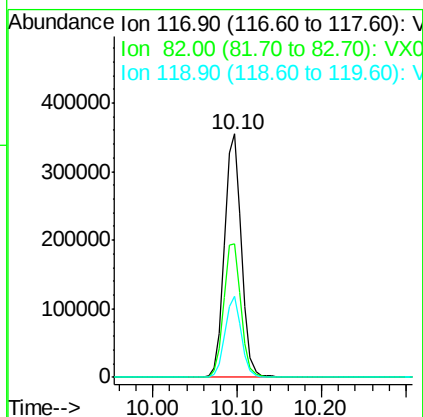
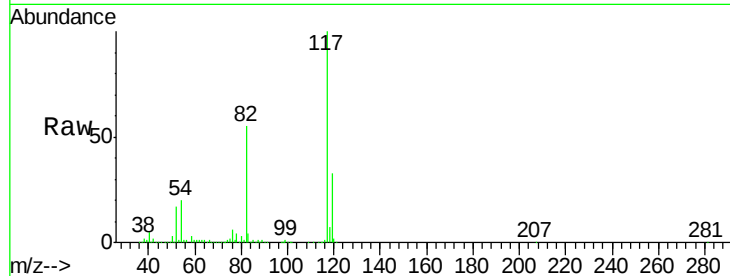




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019614.D
Acq: 24 Nov 2020 18:38

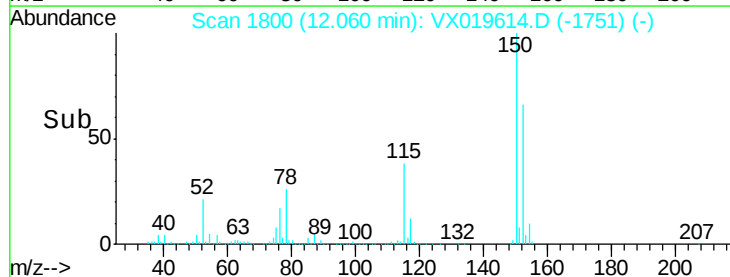
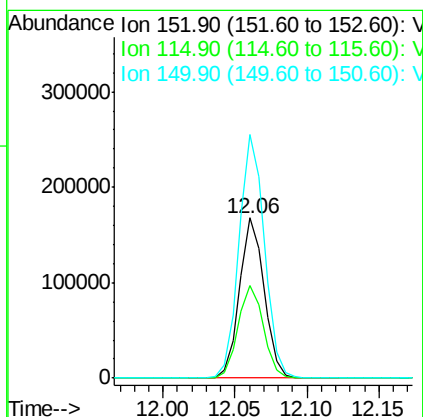
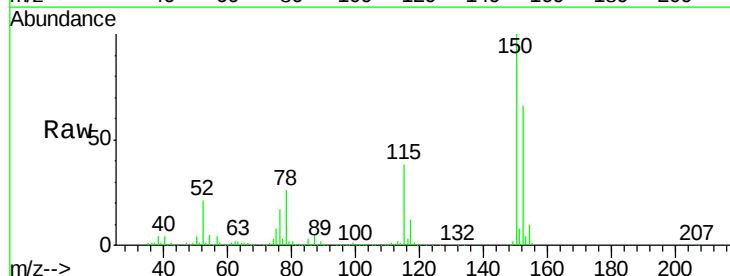
Instrument :
MSVOA_X
ClientSampleId :
BU-03-112320

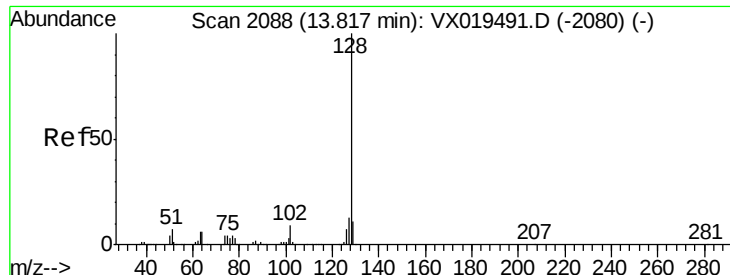
Tot Ion:117 Resp: 491732
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 33.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019614.D
Acq: 24 Nov 2020 18:38

Tgt Ion:152 Resp: 200050
Ion Ratio Lower Upper
152 100
115 59.6 41.8 125.4
150 156.1 0.0 348.2





#95

Naphthalene

Concen: 2.253 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019614.D

Acq: 24 Nov 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

BU-03-112320

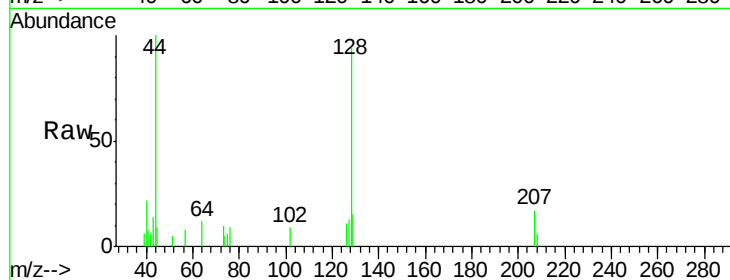
Tot Ion:128 Resp: 1153

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 13.7 8.7 13.1#



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

