

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019638.D
 Acq On : 25 Nov 2020 04:42
 Operator : JC/MD
 Sample : L4835-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20201119

Quant Time: Nov 25 07:07:25 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	301070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181397	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	187054	47.92	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.84%
35) Dibromofluoromethane	5.46	113	147299	46.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.52%
50) Toluene-d8	8.70	98	601011	49.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.20%
62) 4-Bromofluorobenzene	11.12	95	203488	46.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.40%

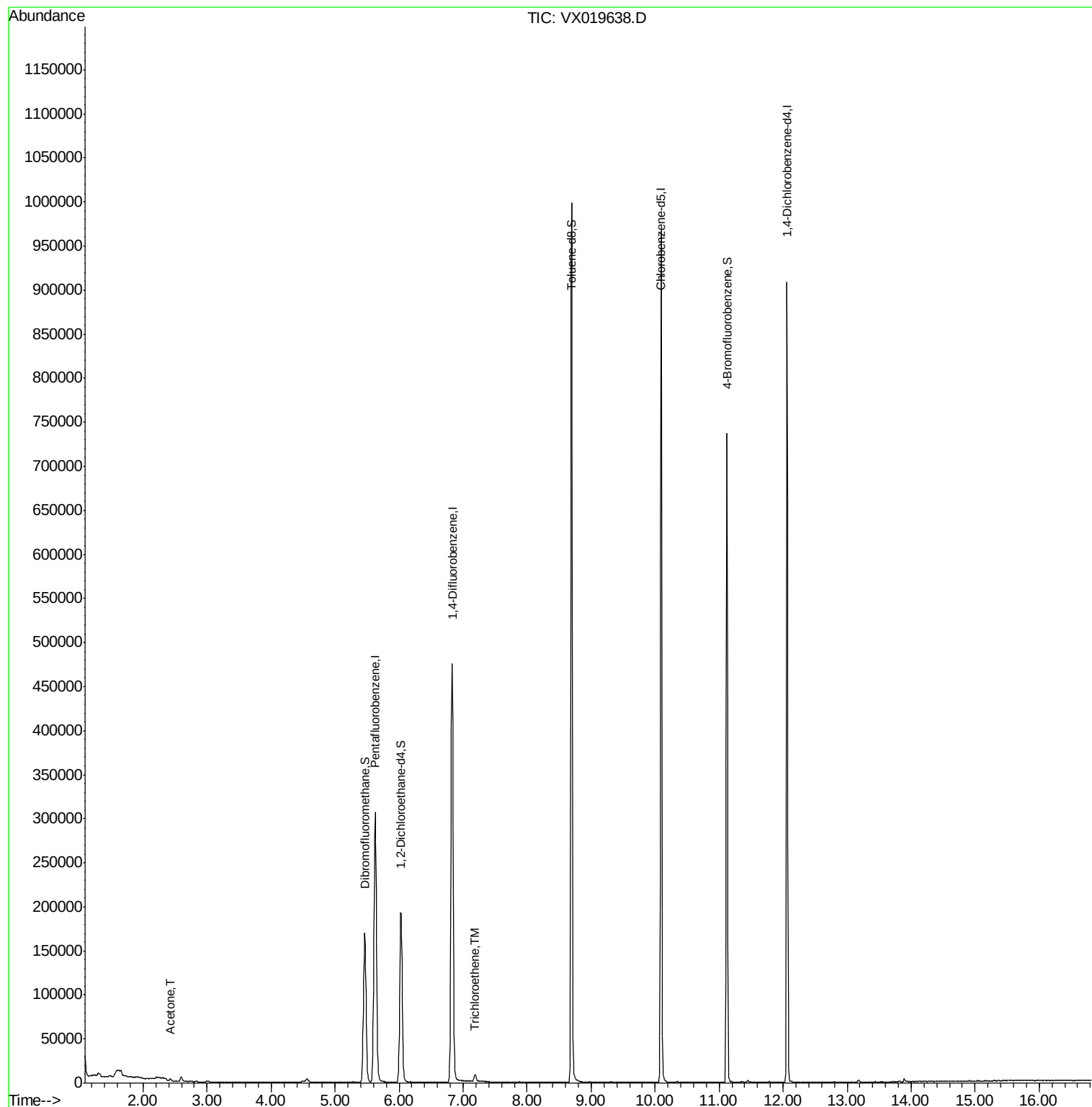
Target Compounds					Qvalue
16) Acetone	2.42	43	2555	1.692 ug/l	98
44) Trichloroethene	7.18	130	2703	0.714 ug/l	96

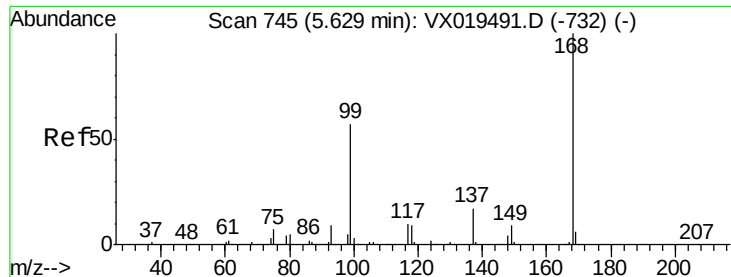
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

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Acq: 25 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

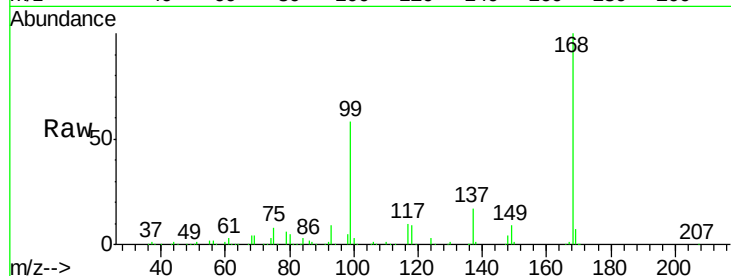
MH-121.5N-20201119

Tot Ion:168 Resp: 301070

Ion Ratio Lower Upper

168 100

99 58.2 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

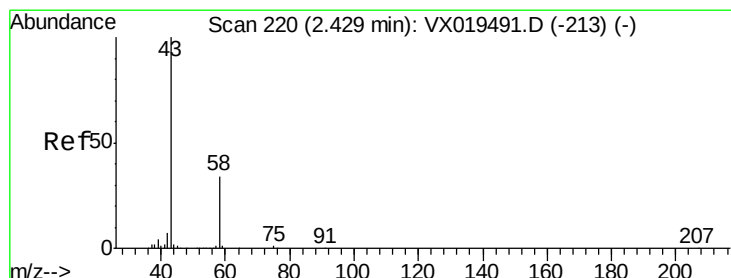
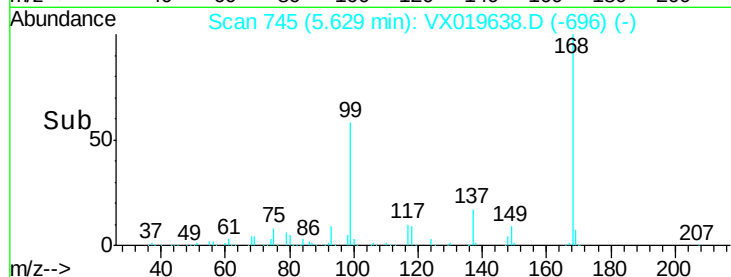
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.692 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019638.D

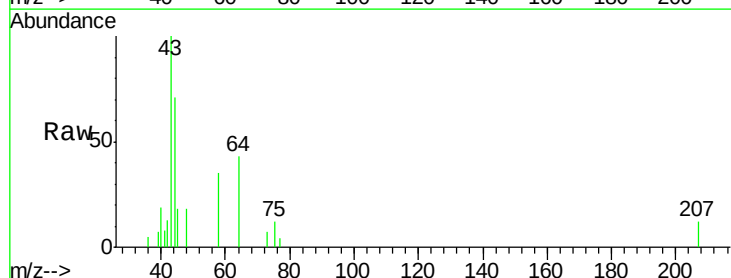
Acq: 25 Nov 2020 04:42

Tgt Ion: 43 Resp: 2555

Ion Ratio Lower Upper

43 100

58 35.3 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

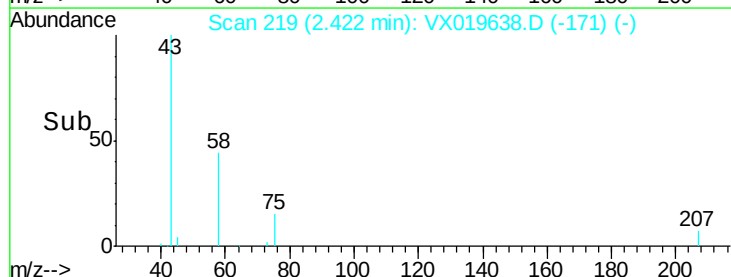
1500

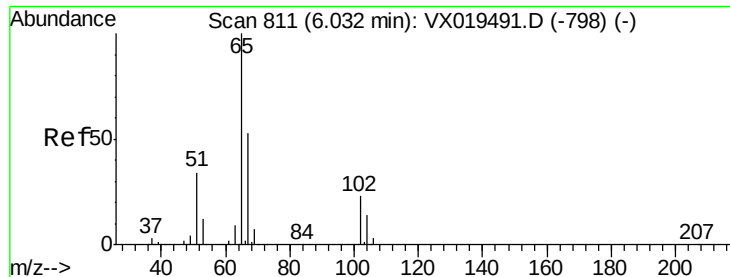
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.918 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019638.D

Acq: 25 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

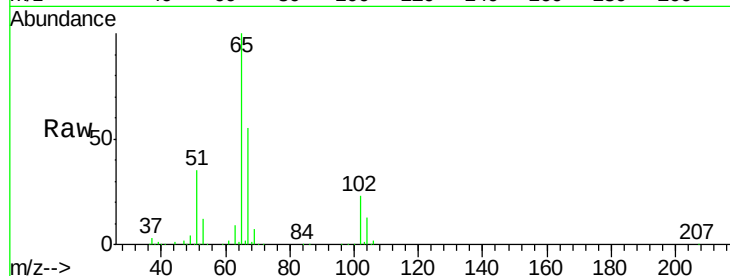
MH-121.5N-20201119

Tot Ion: 65 Resp: 187054

Ion Ratio Lower Upper

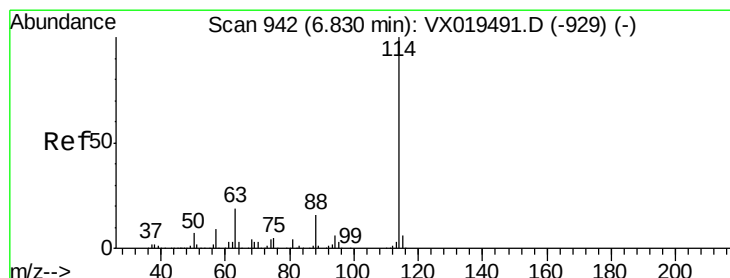
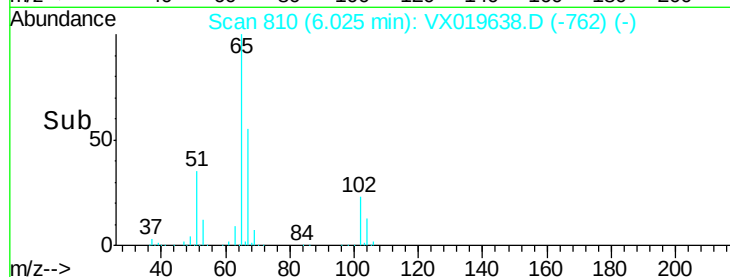
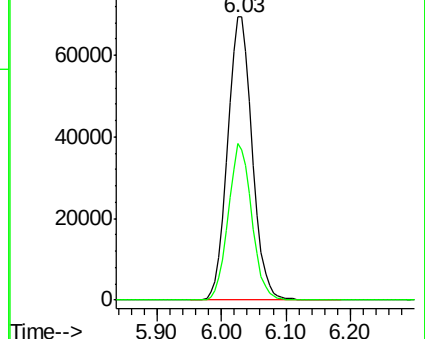
65 100

67 52.8 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: VX019638.D

Acq: 25 Nov 2020 04:42

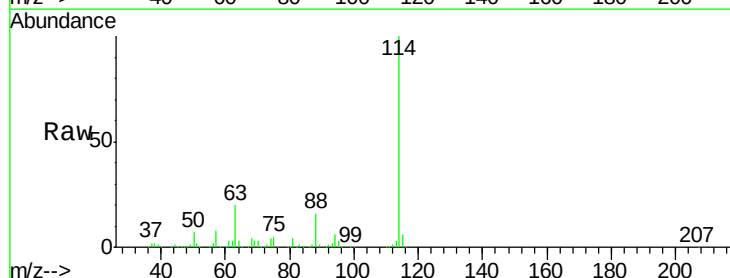
Tgt Ion: 114 Resp: 501865

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

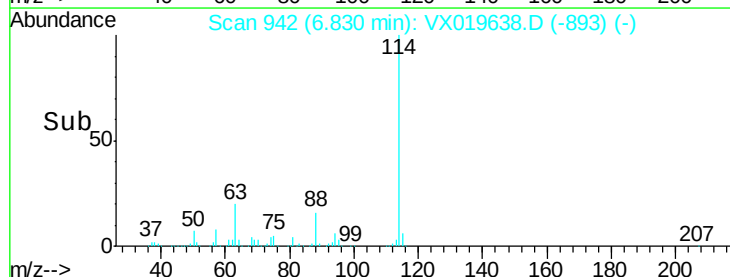
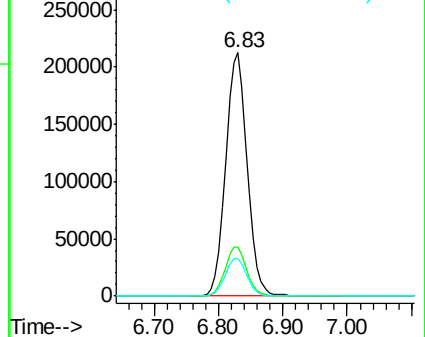
88 15.6 0.0 31.6

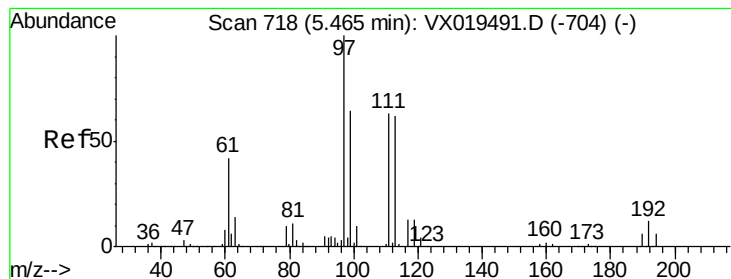


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.759 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019638.D

Acq: 25 Nov 2020 04:42

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5N-20201119

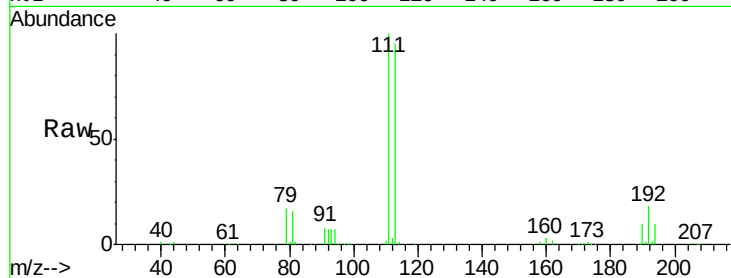
Tot Ion:113 Resp: 147299

Ion Ratio Lower Upper

113 100

111 103.8 81.5 122.3

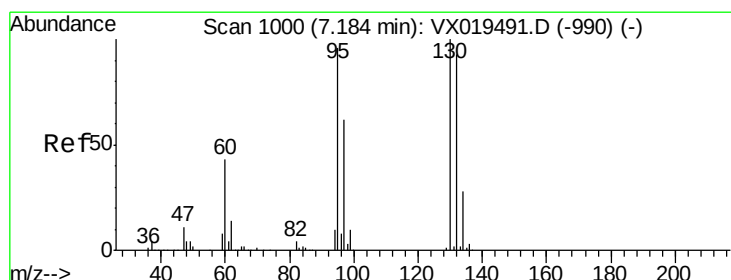
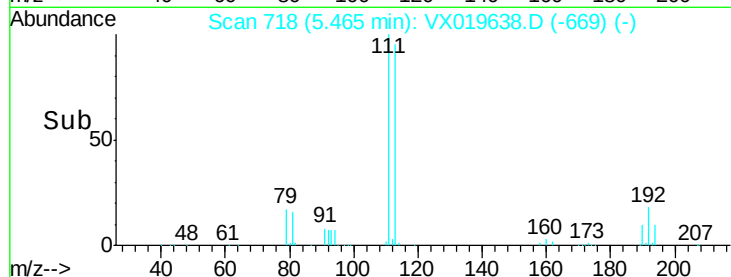
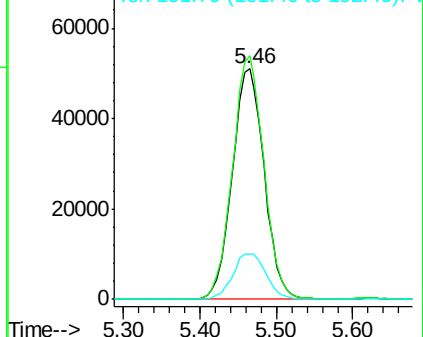
192 20.6 16.2 24.2



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



#44

Trichloroethene

Concen: 0.714 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019638.D

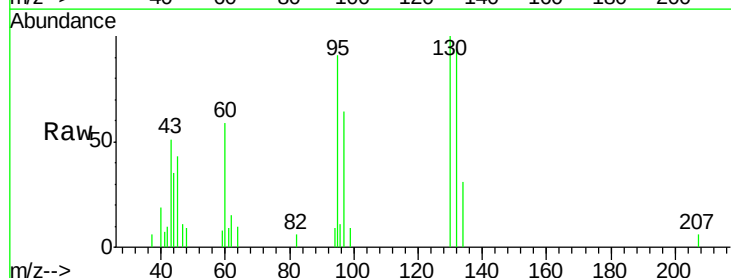
Acq: 25 Nov 2020 04:42

Tgt Ion:130 Resp: 2703

Ion Ratio Lower Upper

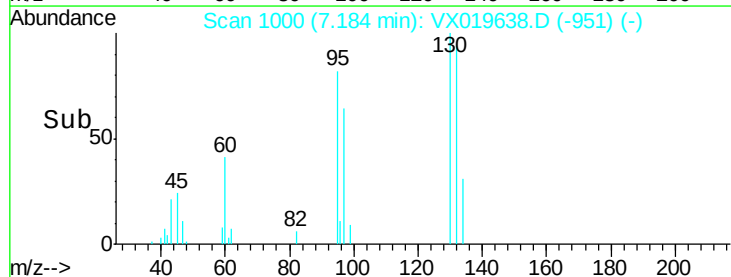
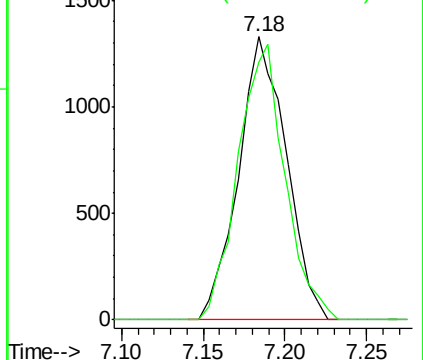
130 100

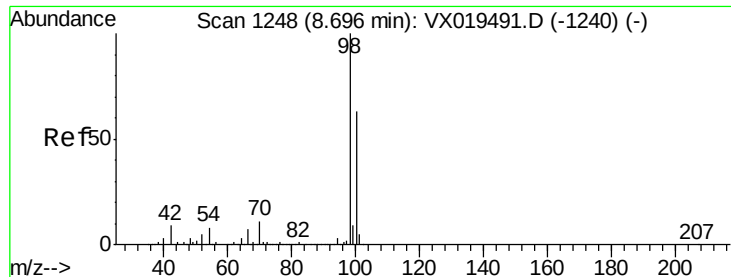
95 91.3 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

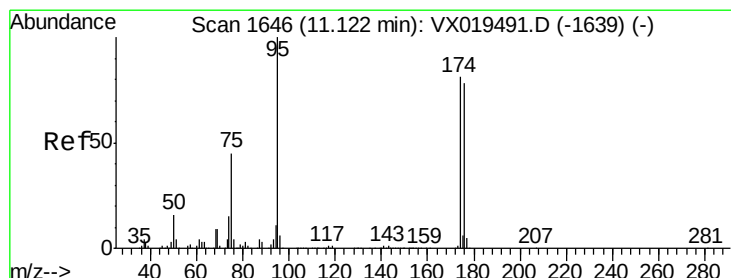
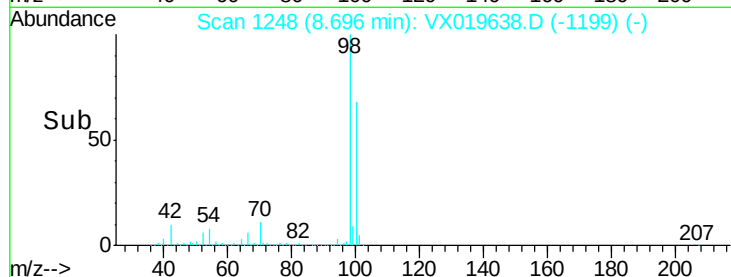
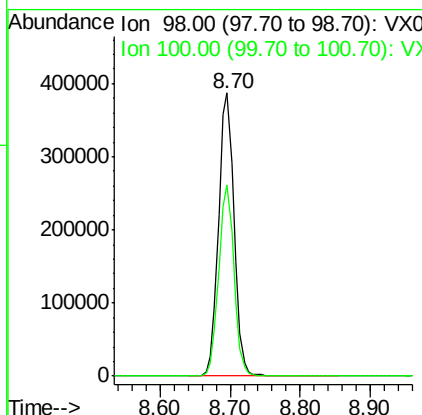
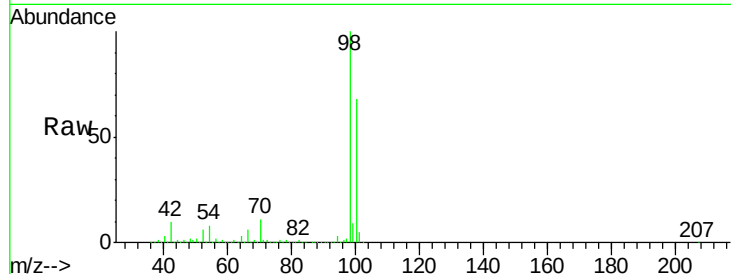




#50
Toluene-d8
Concen: 49.097 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019638.D
Acq: 25 Nov 2020 04:42

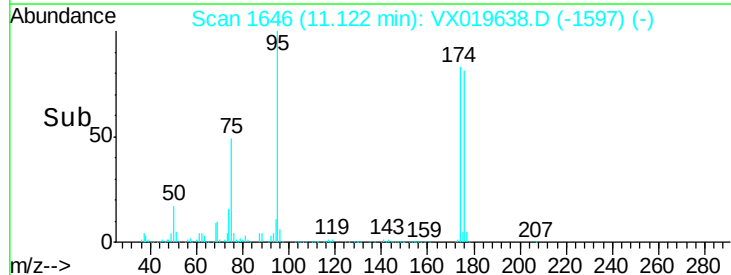
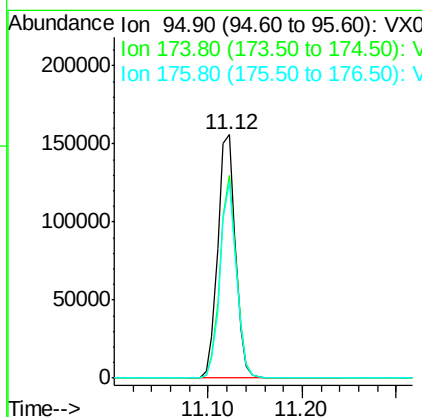
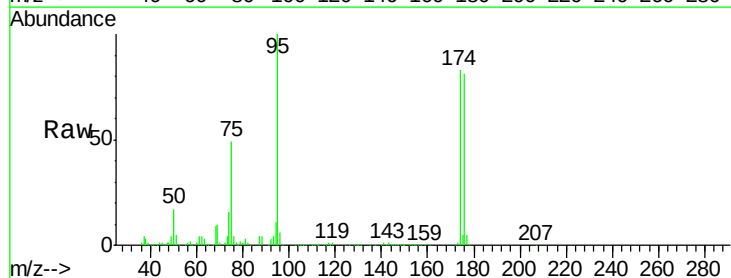
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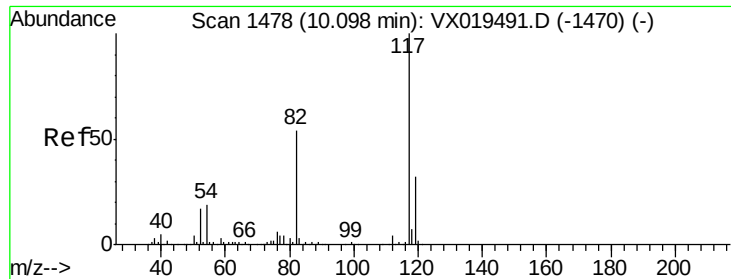
Tot Ion: 98 Resp: 601011
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.202 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019638.D
Acq: 25 Nov 2020 04:42

Tgt Ion: 95 Resp: 203488
Ion Ratio Lower Upper
95 100
174 77.7 0.0 156.2
176 74.6 0.0 151.4

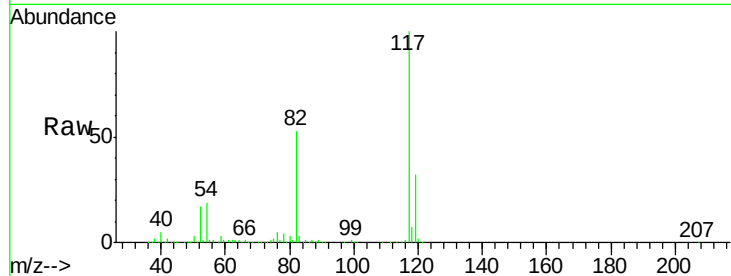




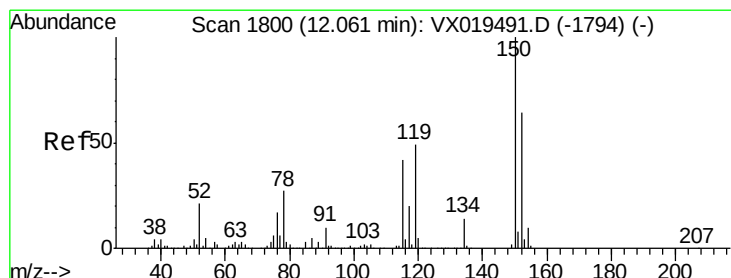
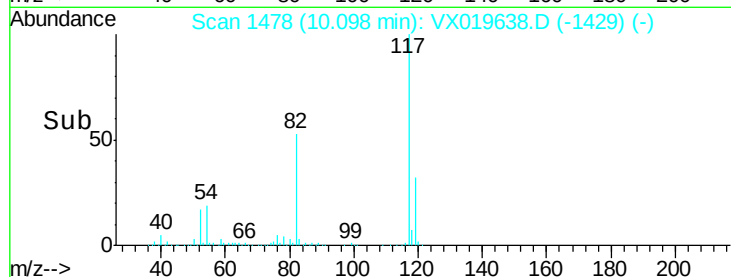
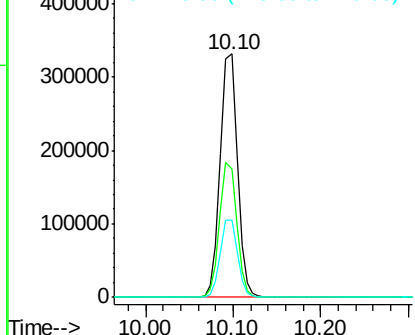
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019638.D
Acq: 25 Nov 2020 04:42

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5N-20201119

Tot Ion:117 Resp: 453042
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 32.0 25.6 38.4

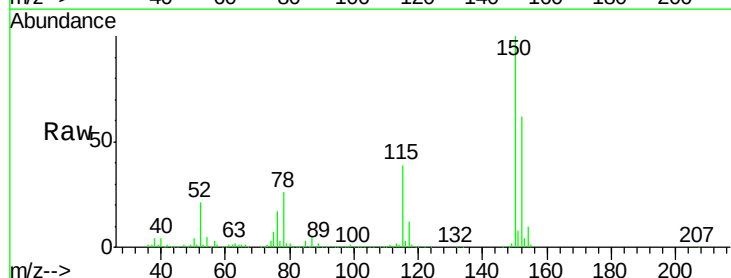


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019638.D
Acq: 25 Nov 2020 04:42

Tgt Ion:152 Resp: 181397
Ion Ratio Lower Upper
152 100
115 60.2 41.8 125.4
150 158.4 0.0 348.2



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

