

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019629.D
 Acq On : 25 Nov 2020 01:13
 Operator : JC/MD
 Sample : L4835-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20201119

Quant Time: Nov 25 06:47:45 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	5.62	168	327324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	536558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	489468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201232	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	199206	46.94	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.88%	
35) Dibromofluoromethane		5.46	113	157997	46.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.82%	
50) Toluene-d8		8.70	98	643348	49.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.32%	
62) 4-Bromofluorobenzene		11.12	95	224620	47.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.40%	

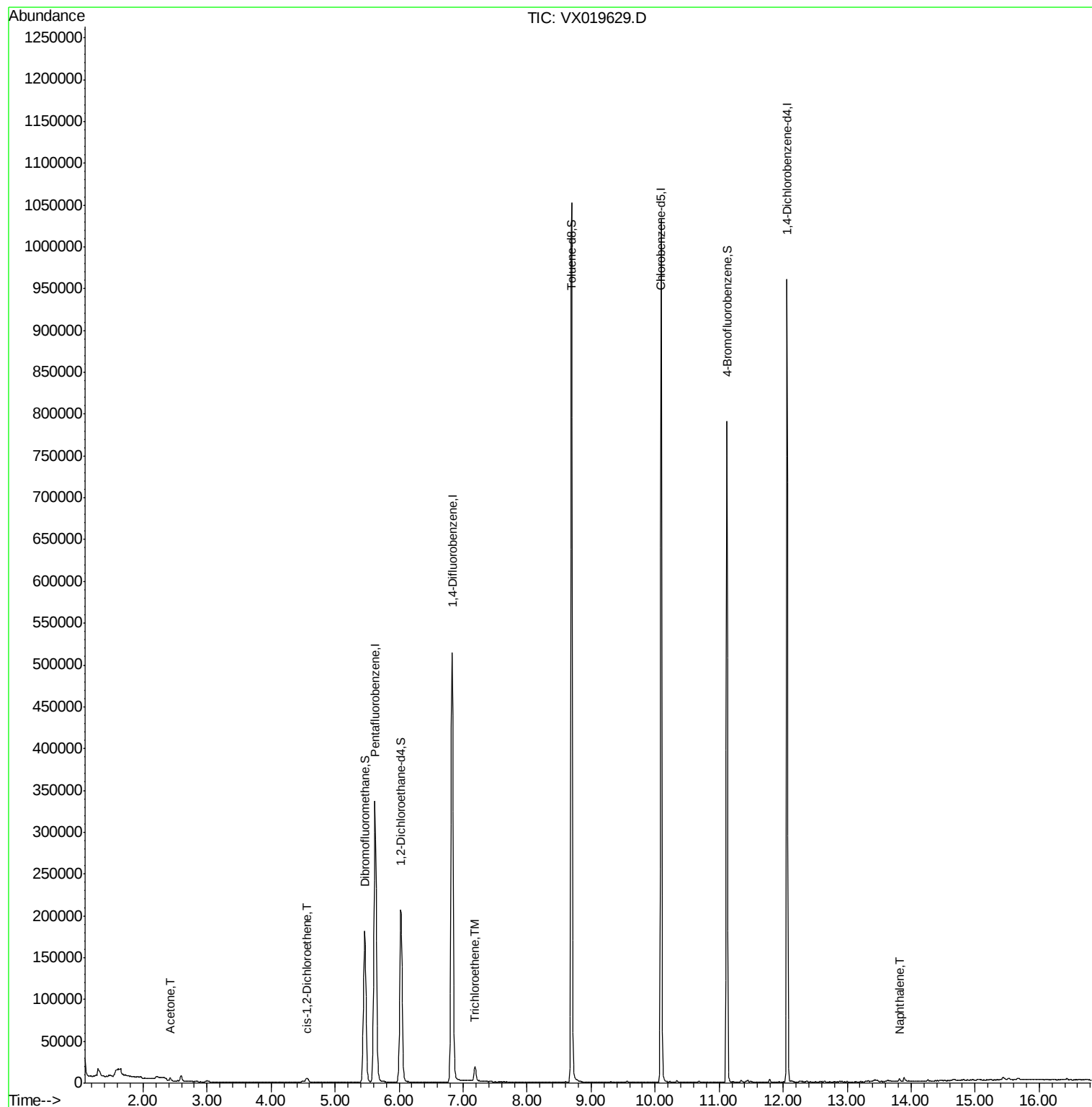
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	3305	2.014	ug/l #	88
27) cis-1,2-Dichloroethene	4.56	96	3062	0.724	ug/l	89
44) Trichloroethene	7.18	130	5708	1.410	ug/l	95
95) Naphthalene	13.82	128	2304	2.327	ug/l	98

(#) = 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
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019629.D

Acq: 25 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

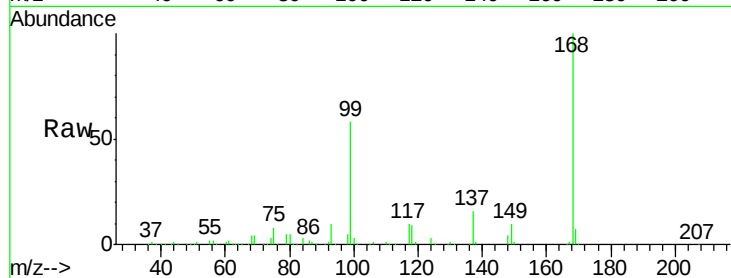
MH-140N-20201119

Tot Ion:168 Resp: 327324

Ion Ratio Lower Upper

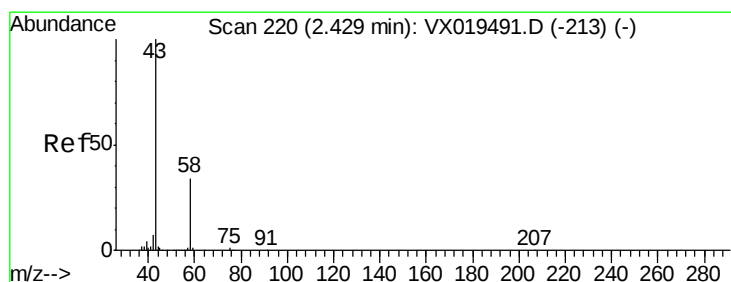
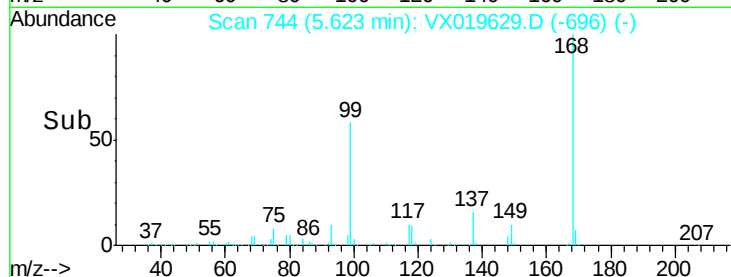
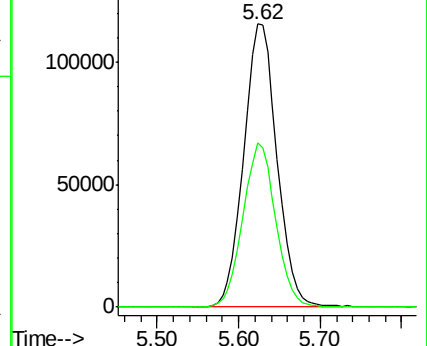
168 100

99 58.0 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: 2.014 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019629.D

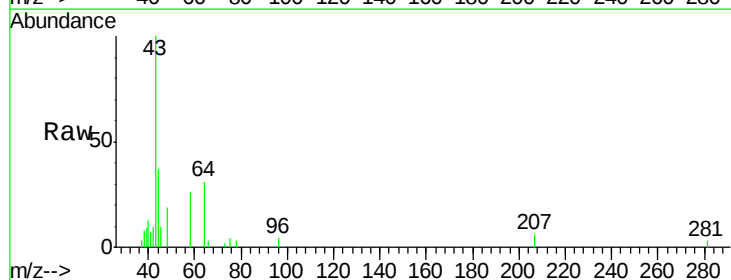
Acq: 25 Nov 2020 01:13

Tgt Ion: 43 Resp: 3305

Ion Ratio Lower Upper

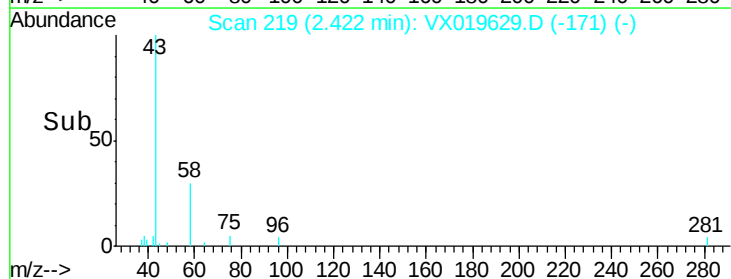
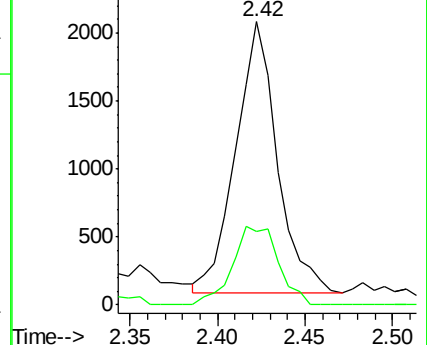
43 100

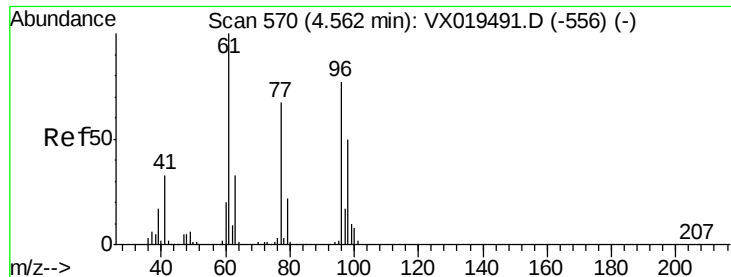
58 27.1 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



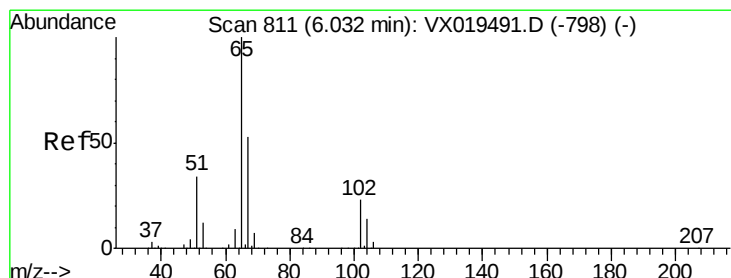
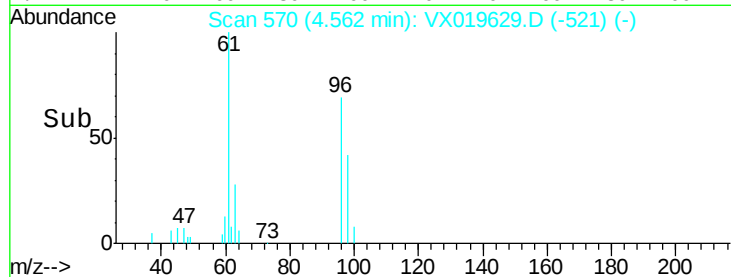
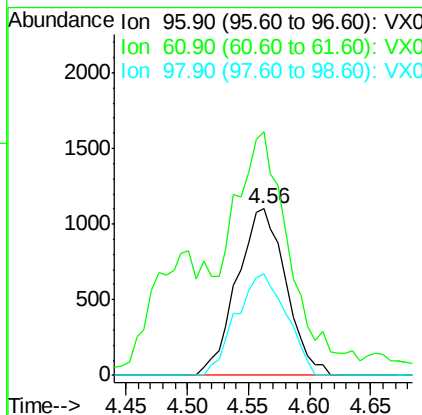
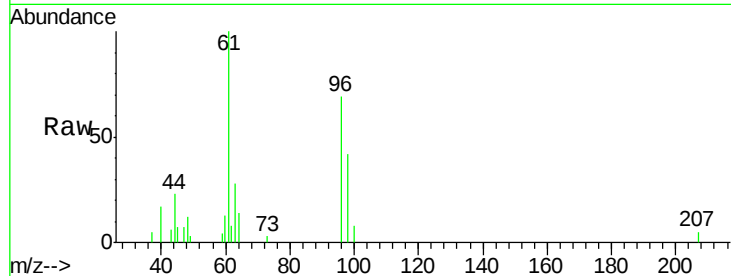


#27

cis-1,2-Dichloroethene
 Concen: 0.724 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019629.D
 Acq: 25 Nov 2020 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20201119

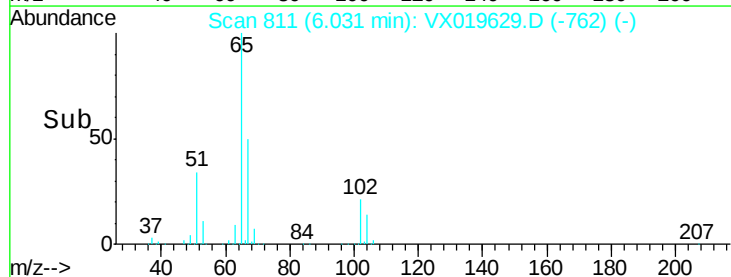
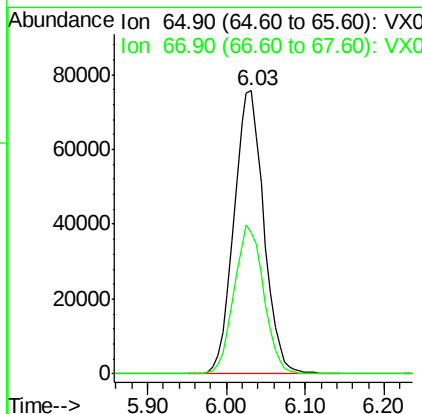
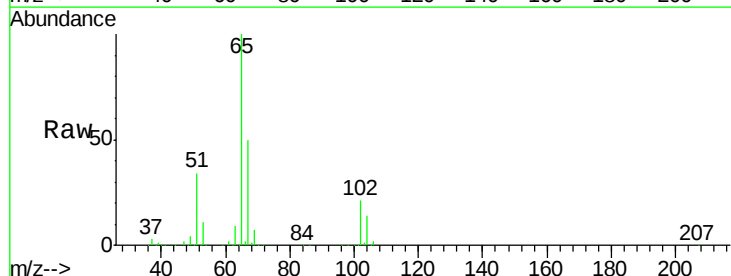
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.1	0.0	279.2
98	62.4	0.0	129.8

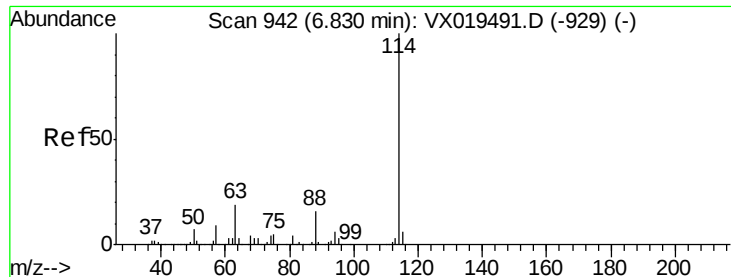


#33

1,2-Dichloroethane-d4
 Concen: 46.938 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019629.D
 Acq: 25 Nov 2020 01:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019629.D

Acq: 25 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

MH-140N-20201119

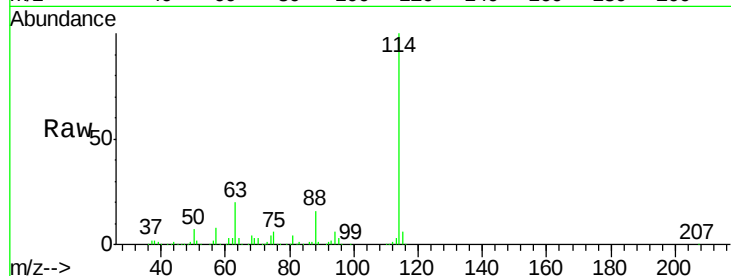
Tot Ion:114 Resp: 536558

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

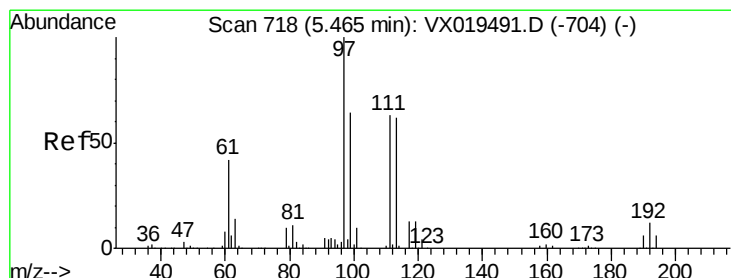
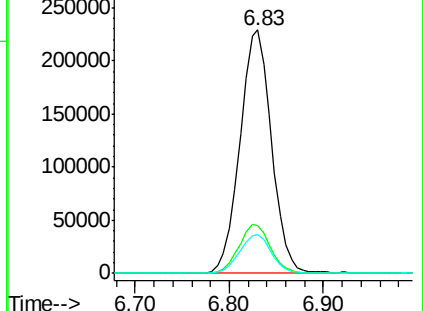
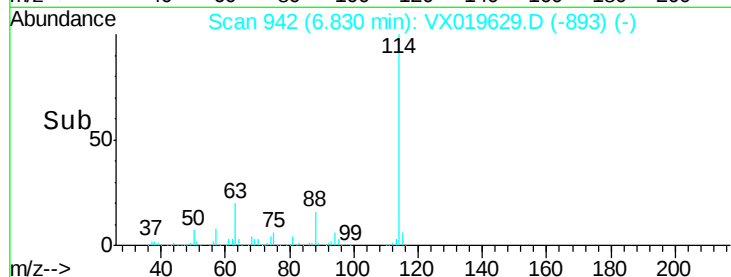
88 15.9 0.0 31.6



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: 46.912 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019629.D

Acq: 25 Nov 2020 01:13

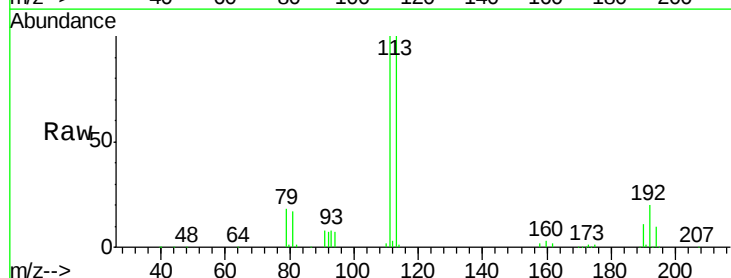
Tgt Ion:113 Resp: 157997

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

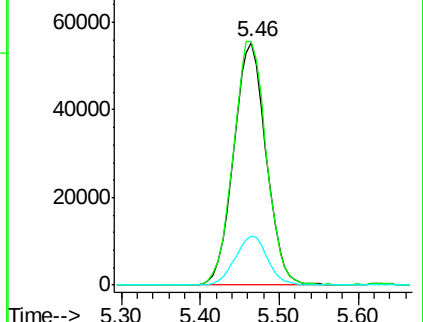
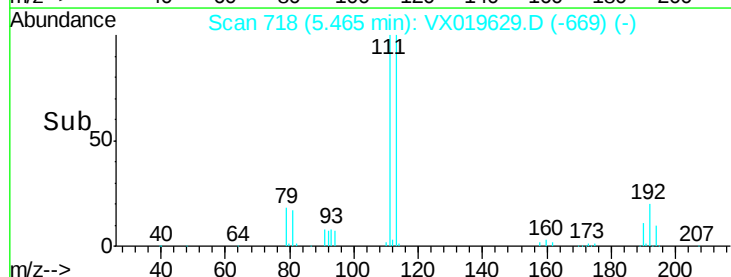
192 20.2 16.2 24.2

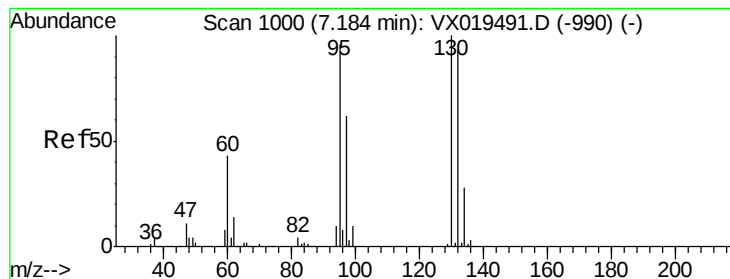


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.410 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019629.D

Acq: 25 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

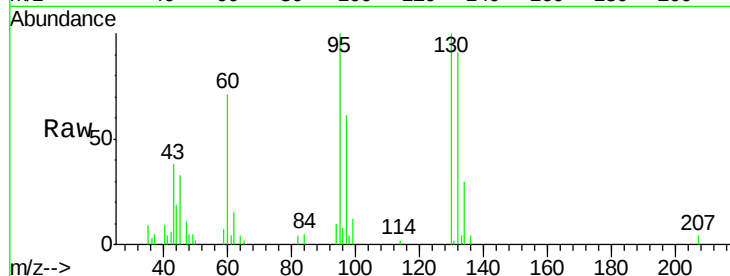
MH-140N-20201119

Tot Ion:130 Resp: 5708

Ion Ratio Lower Upper

130 100

95 100.4 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

3000

2500

2000

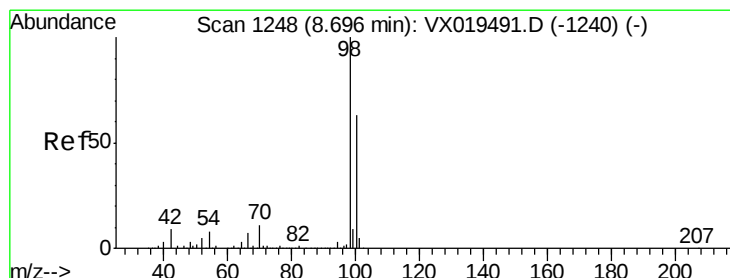
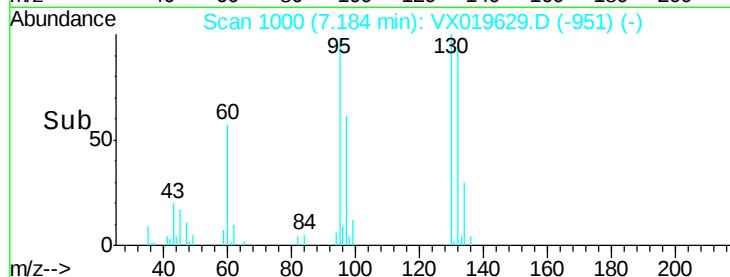
1500

1000

500

0

Time--> 7.10 7.15 7.20 7.25



#50

Toluene-d8

Concen: 49.157 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019629.D

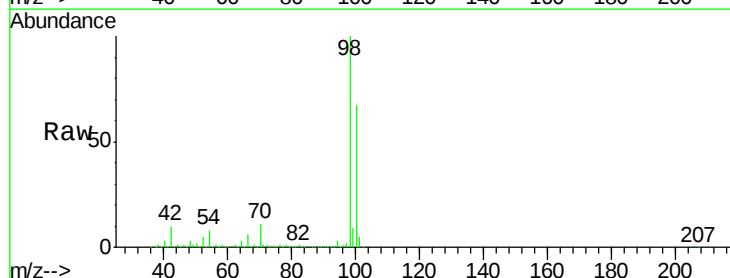
Acq: 25 Nov 2020 01:13

Tgt Ion: 98 Resp: 643348

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

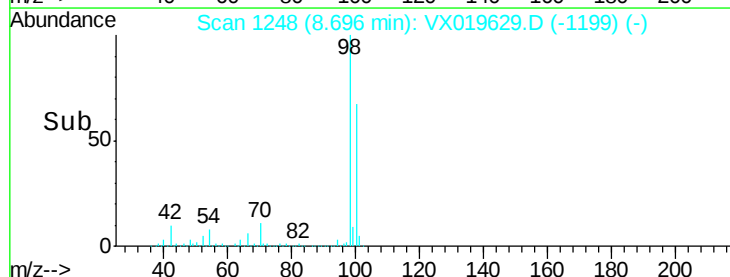
300000

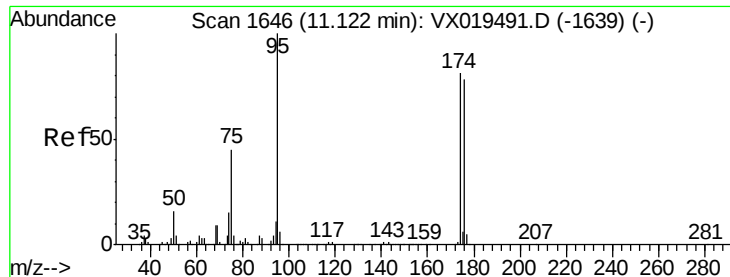
200000

100000

0

Time--> 8.60 8.70 8.80 8.90

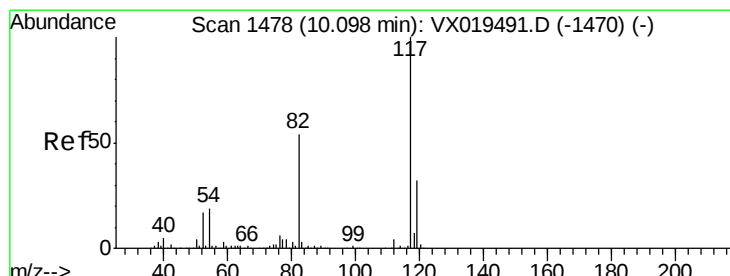
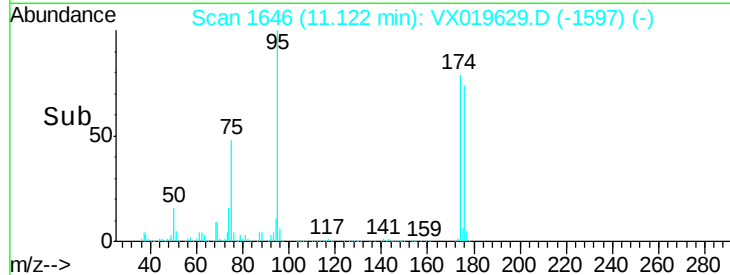
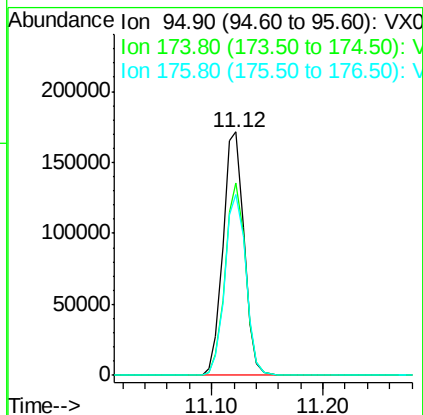
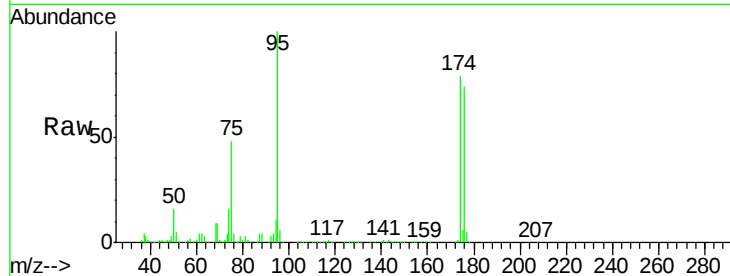




#62
 4-Bromofluorobenzene
 Concen: 47.703 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019629.D
 Acq: 25 Nov 2020 01:13

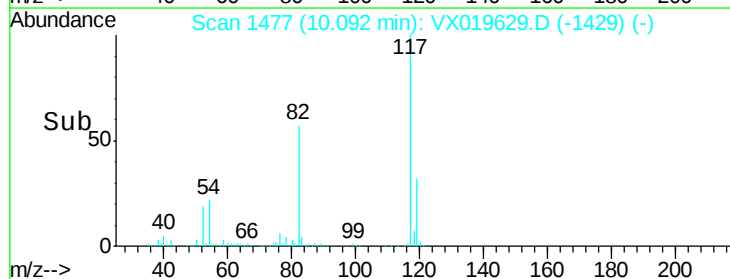
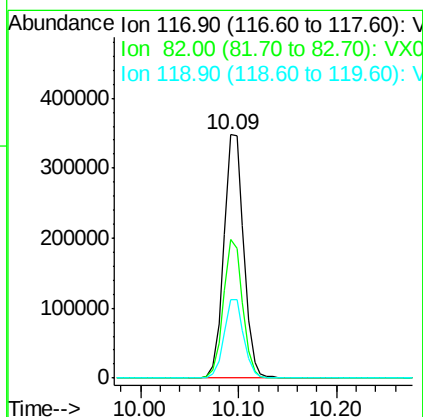
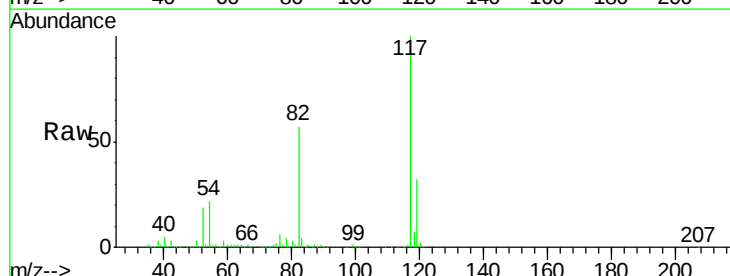
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20201119

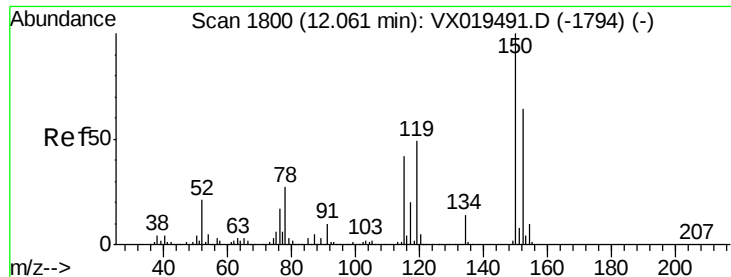
Tot Ion: 95 Resp: 224620
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 156.2
 176 74.5 0.0 151.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.09 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: VX019629.D
 Acq: 25 Nov 2020 01:13

Tgt Ion: 117 Resp: 489468
 Ion Ratio Lower Upper
 117 100
 82 57.1 43.0 64.4
 119 32.2 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: VX019629.D

Acq: 25 Nov 2020 01:13

Instrument :

MSVOA_X

ClientSampleId :

MH-140N-20201119

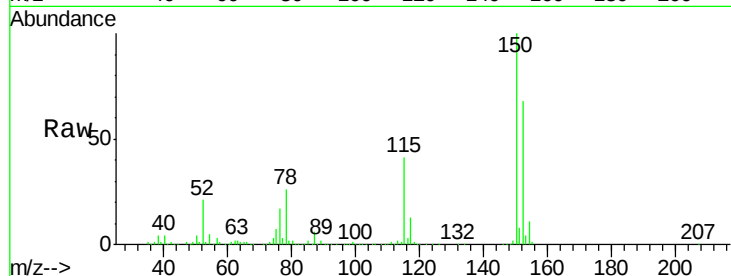
Tot Ion:152 Resp: 201232

Ion Ratio Lower Upper

152 100

115 59.1 41.8 125.4

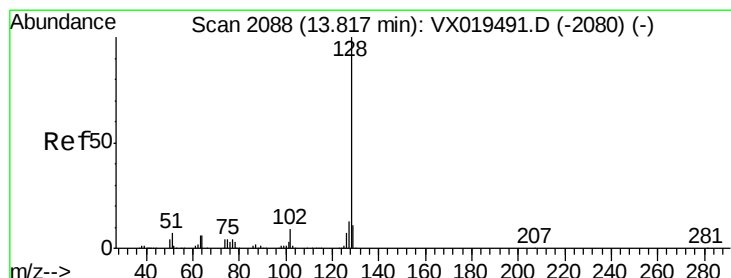
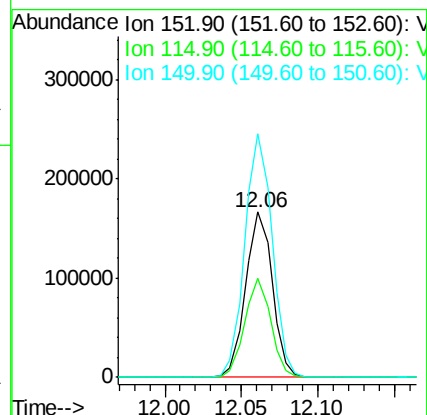
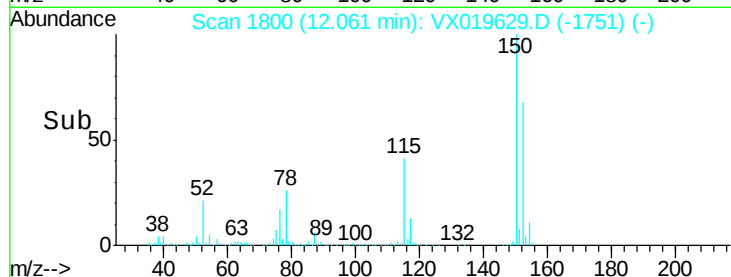
150 150.9 0.0 348.2



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



#95

Naphthalene

Concen: 2.327 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019629.D

Acq: 25 Nov 2020 01:13

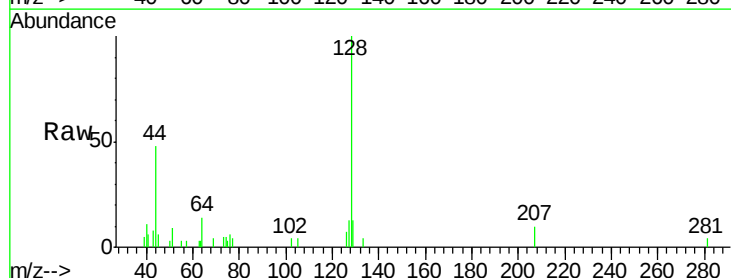
Tgt Ion:128 Resp: 2304

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 12.2 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

