

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019641.D
 Acq On : 25 Nov 2020 05:51
 Operator : JC/MD
 Sample : L4835-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-318.9-20201119

Quant Time: Nov 25 07:14:22 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	295616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178271	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	187368	48.88	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.76%	
35) Dibromofluoromethane		5.46	113	147542	47.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.28%	
50) Toluene-d8		8.70	98	589115	48.95	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.90%	
62) 4-Bromofluorobenzene		11.12	95	201831	46.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.22%	

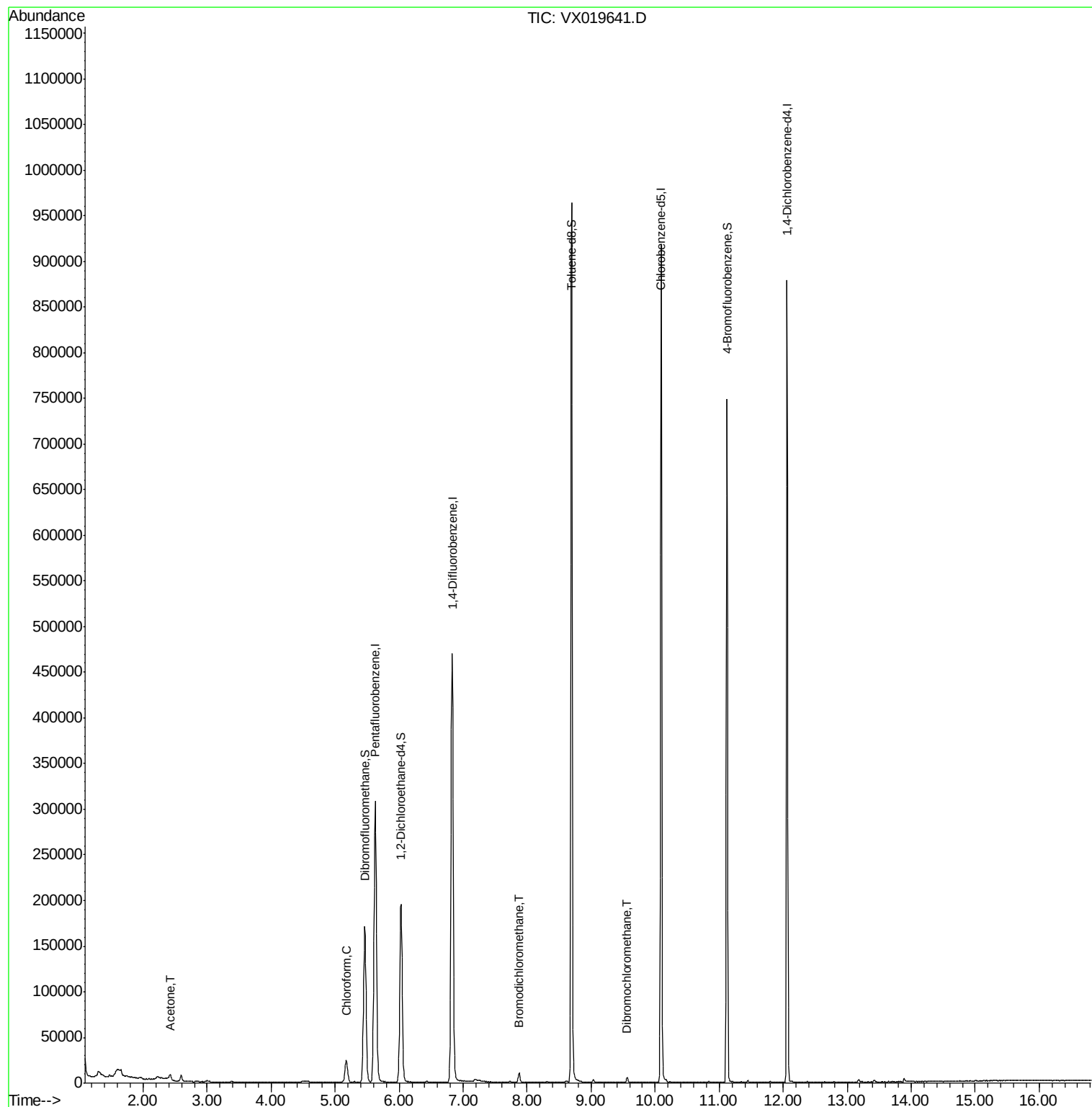
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	4930	3.326	ug/l	97
30) Chloroform	5.17	83	29901	4.915	ug/l	99
47) Bromodichloromethane	7.87	83	6705	1.443	ug/l #	97
60) Dibromochloromethane	9.56	129	2061	0.594	ug/l	99

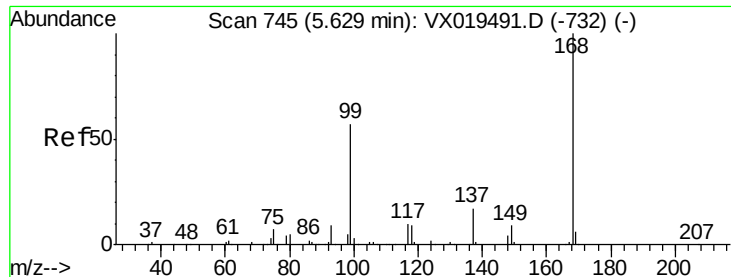
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX019641.D

Acq: 25 Nov 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

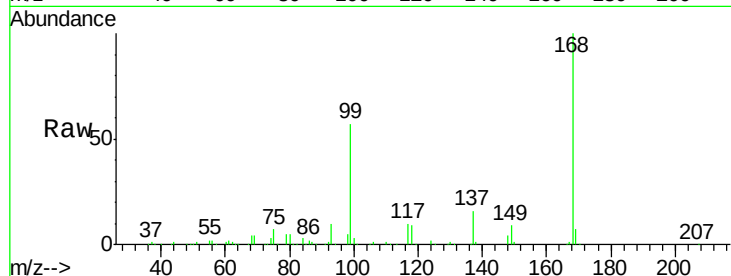
MH-318.9-20201119

Tot Ion:168 Resp: 295616

Ion Ratio Lower Upper

168 100

99 57.5 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

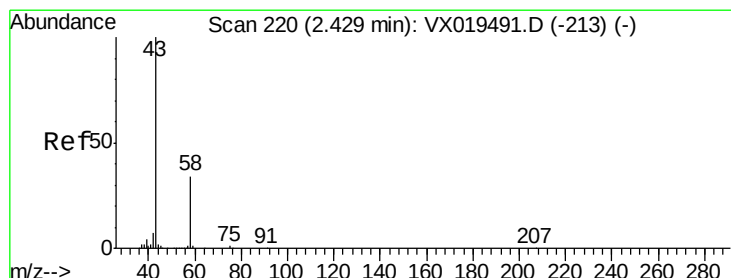
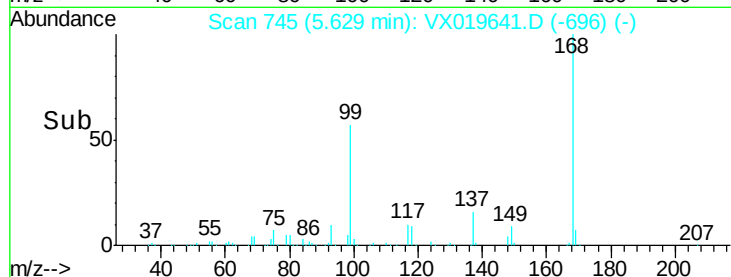
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.326 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019641.D

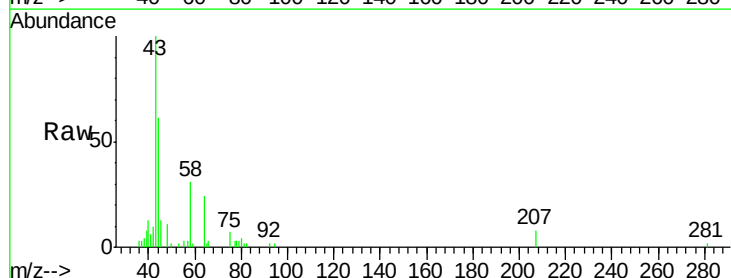
Acq: 25 Nov 2020 05:51

Tgt Ion: 43 Resp: 4930

Ion Ratio Lower Upper

43 100

58 32.5 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

3000

2500

2000

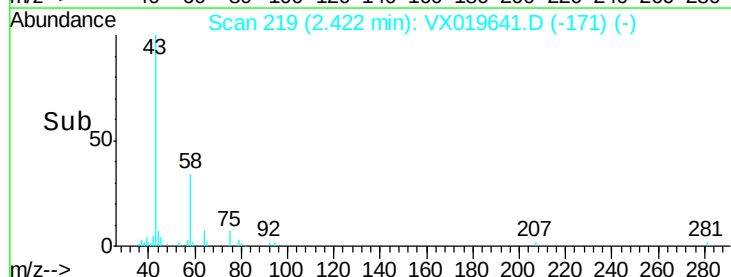
1500

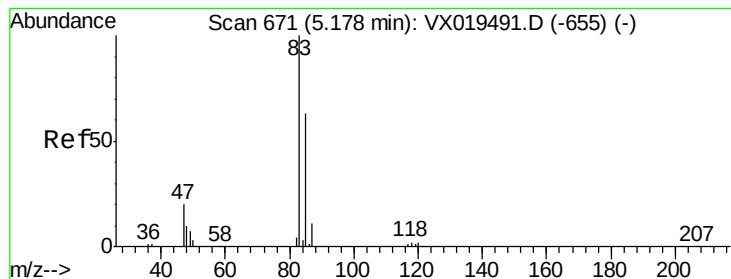
1000

500

0

Time-->





#30

Chloroform

Concen: 4.915 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019641.D

Acq: 25 Nov 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

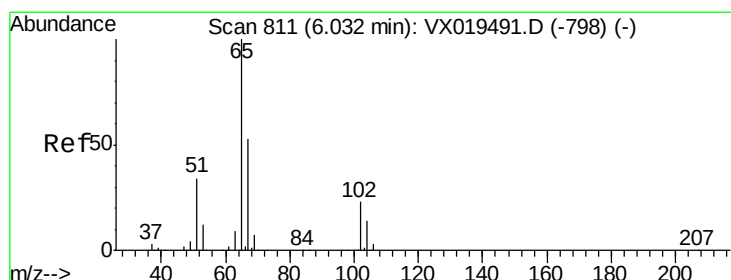
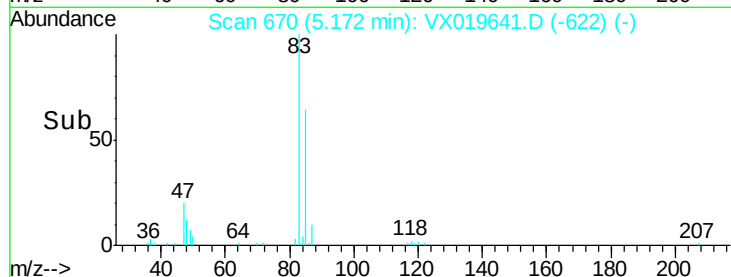
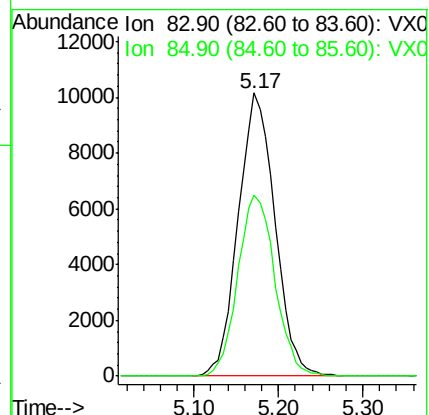
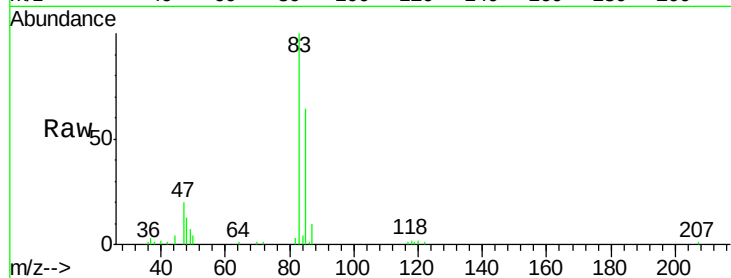
MH-318.9-20201119

Tot Ion: 83 Resp: 29901

Ion Ratio Lower Upper

83 100

85 63.9 50.5 75.7



#33

1,2-Dichloroethane-d4

Concen: 48.884 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019641.D

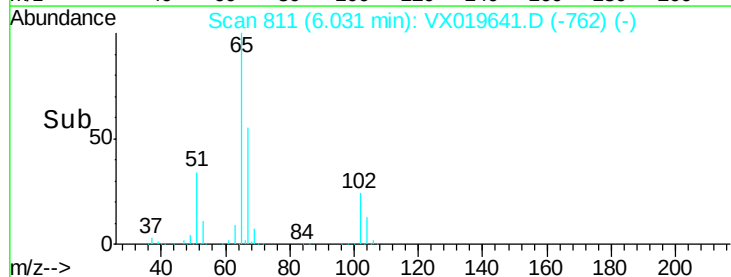
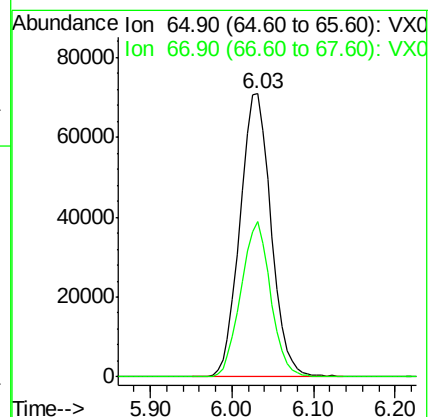
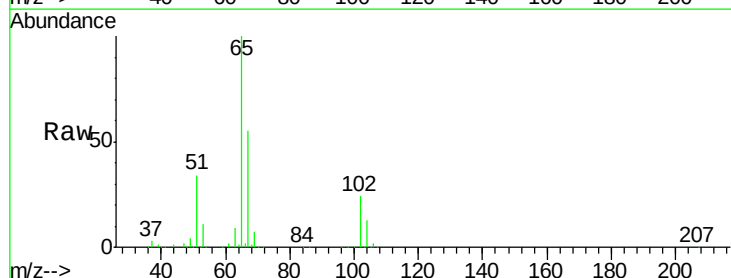
Acq: 25 Nov 2020 05:51

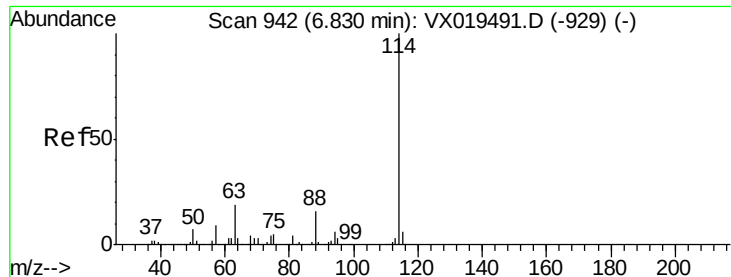
Tgt Ion: 65 Resp: 187368

Ion Ratio Lower Upper

65 100

67 52.6 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: VX019641.D

Acq: 25 Nov 2020 05:51

Instrument :

MSVOA_X

ClientSampleId :

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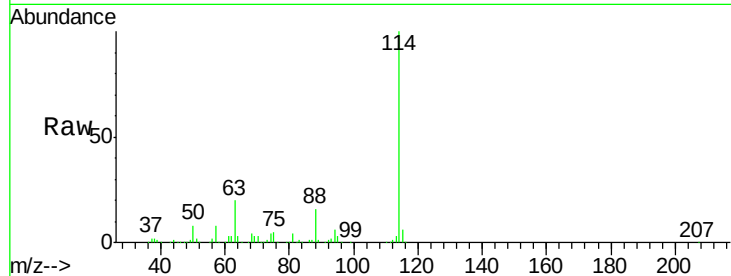
Tot Ion:114 Resp: 493408

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

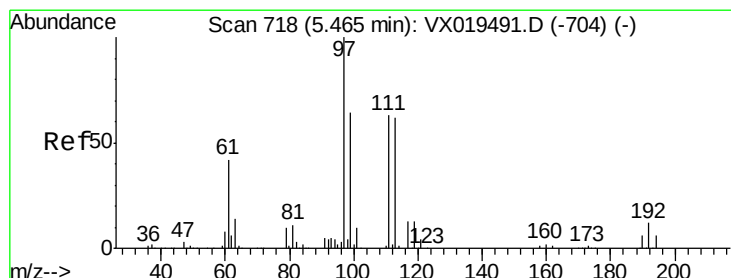
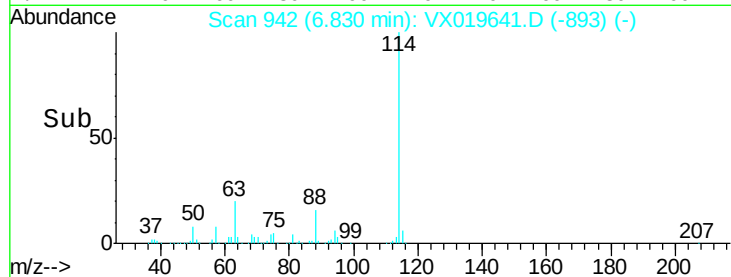
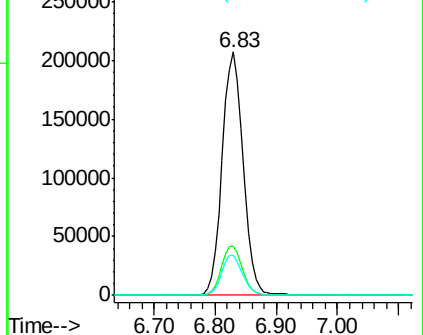
88 16.3 0.0 31.6



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: 47.638 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019641.D

Acq: 25 Nov 2020 05:51

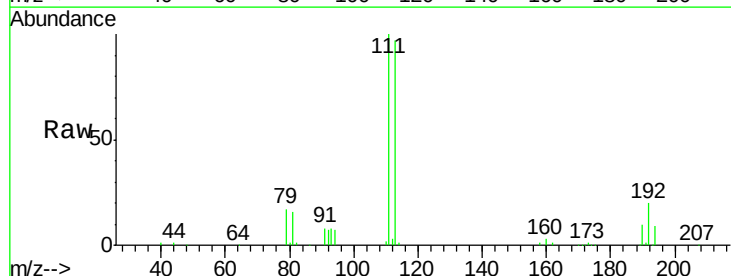
Tgt Ion:113 Resp: 147542

Ion Ratio Lower Upper

113 100

111 104.2 81.5 122.3

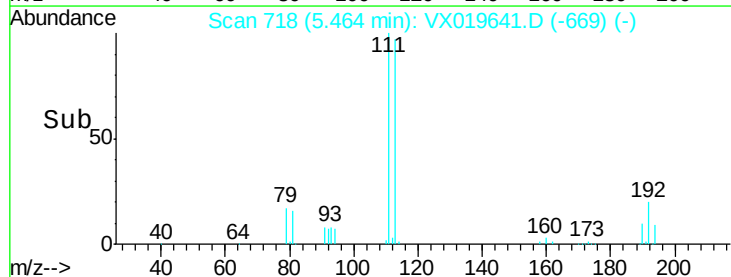
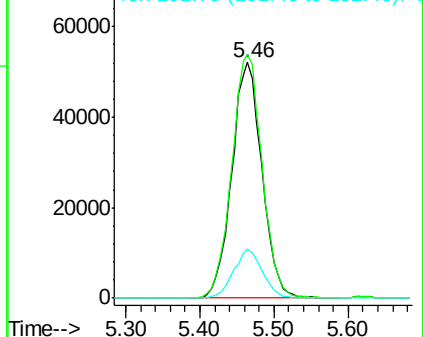
192 19.9 16.2 24.2

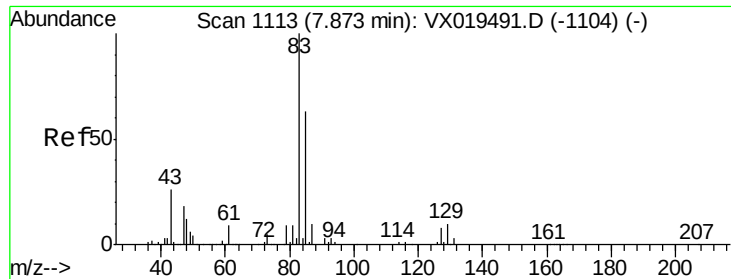


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

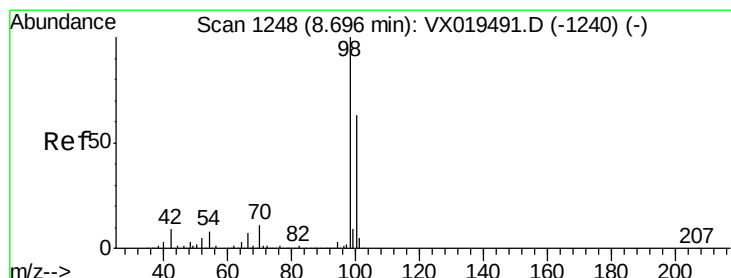
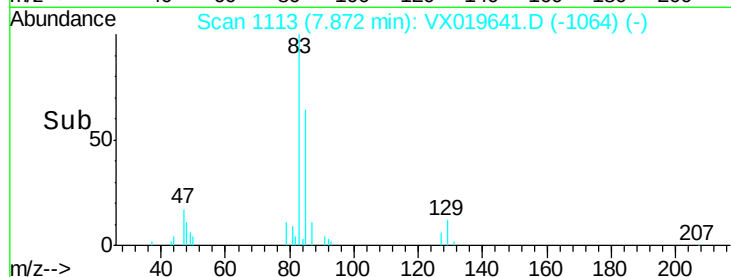
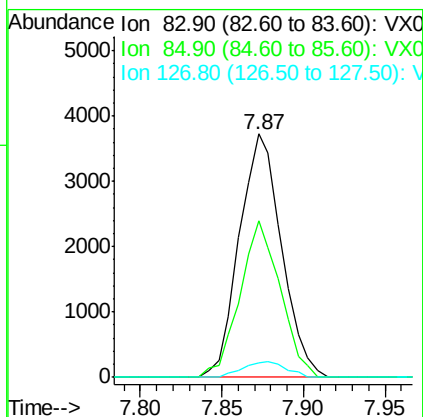
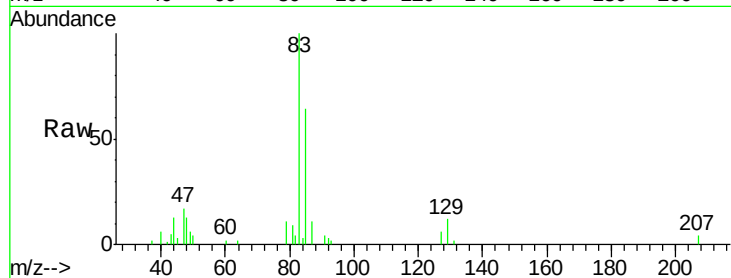




#47
Bromodichloromethane
Concen: 1.443 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

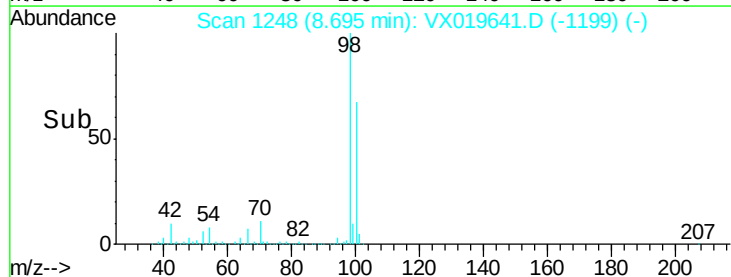
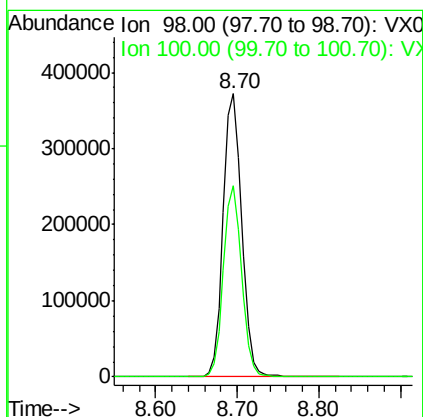
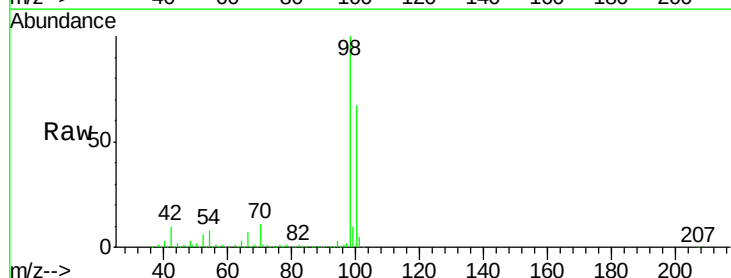
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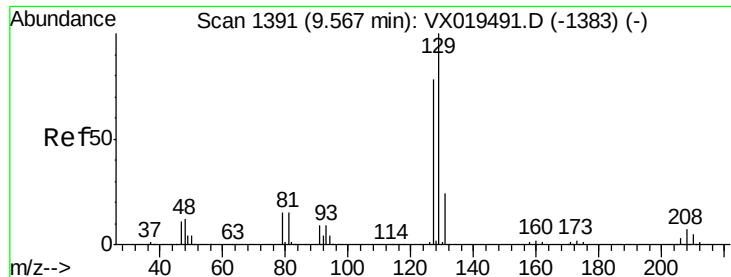
Tot Ion: 83 Resp: 6705
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.2
127 5.7 6.4 9.6#



#50
Toluene-d8
Concen: 48.950 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 98 Resp: 589115
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

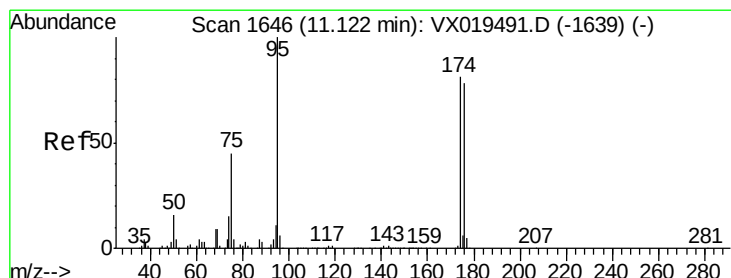
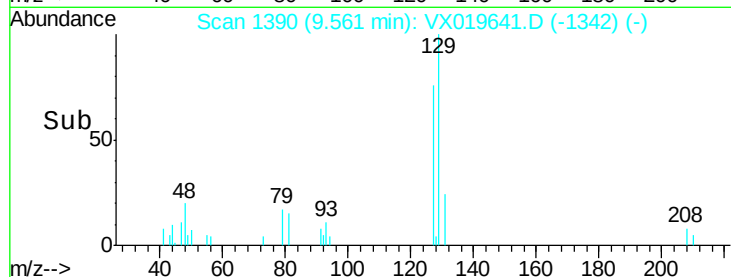
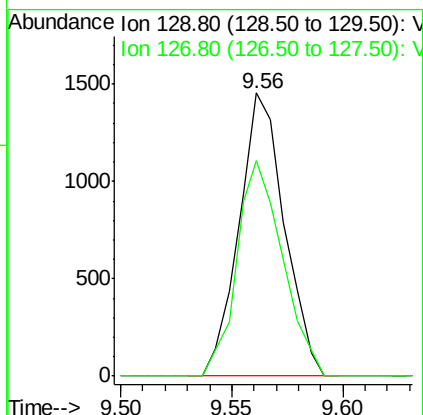
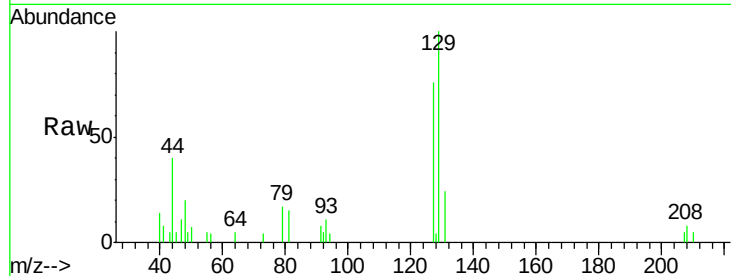




#60
 Dibromochloromethane
 Concen: 0.594 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX019641.D
 Acq: 25 Nov 2020 05:51

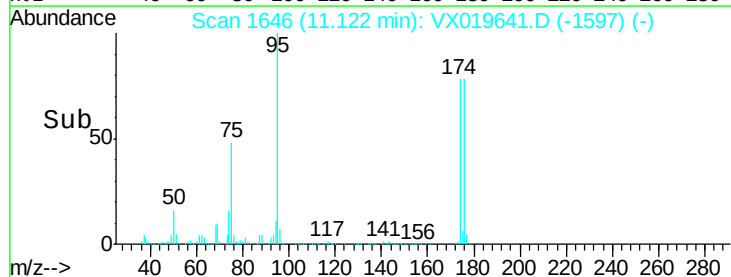
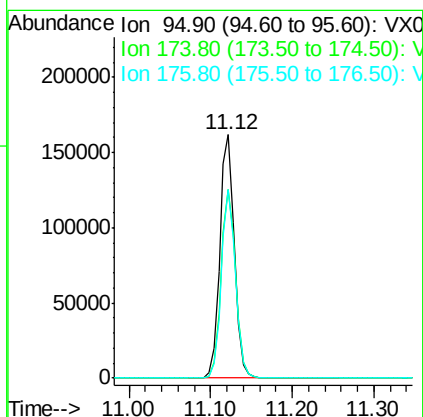
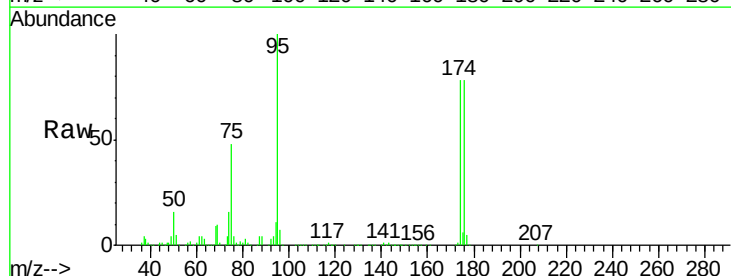
Instrument :
 MSVOA_X
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 MH-318.9-20201119

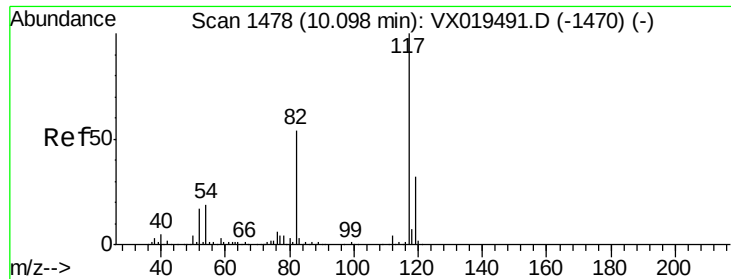
Tot Ion:129 Resp: 2061
 Ion Ratio Lower Upper
 129 100
 127 76.9 39.0 116.9



#62
 4-Bromofluorobenzene
 Concen: 46.612 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019641.D
 Acq: 25 Nov 2020 05:51

Tgt Ion: 95 Resp: 201831
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 156.2
 176 75.6 0.0 151.4

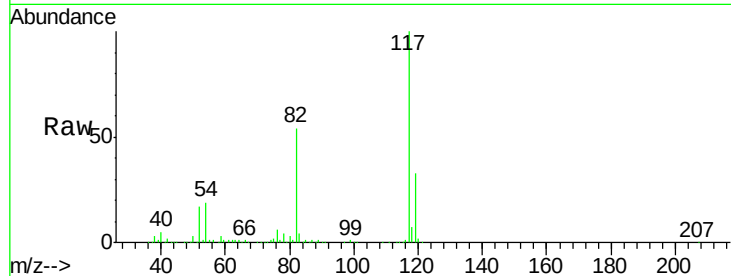




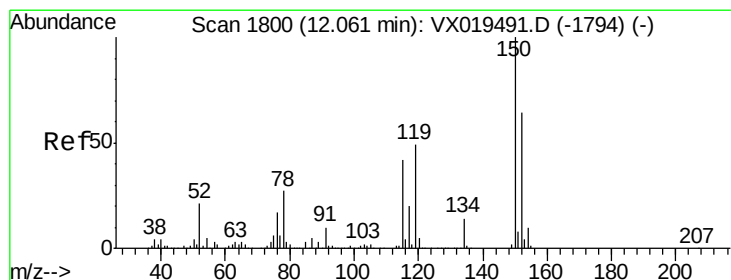
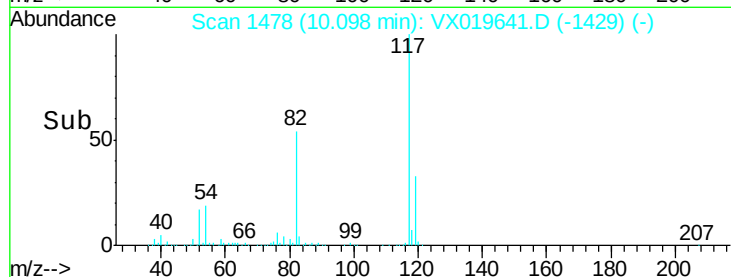
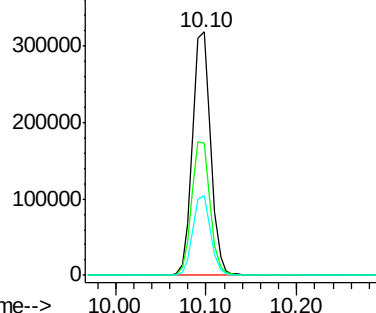
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tot Ion:117 Resp: 447920
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.9 25.6 38.4

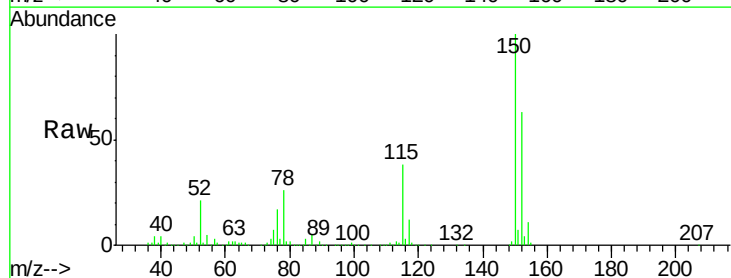


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion:152 Resp: 178271
Ion Ratio Lower Upper
152 100
115 59.8 41.8 125.4
150 155.7 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

