

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019633.D
 Acq On : 25 Nov 2020 02:46
 Operator : JC/MD
 Sample : L4835-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117T-20201119

Quant Time: Nov 25 11:09:21 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	311882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	509767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192305	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	192429	47.59	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.18%	
35) Dibromofluoromethane		5.46	113	151453	47.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.66%	
50) Toluene-d8		8.70	98	619087	49.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.58%	
62) 4-Bromofluorobenzene		11.12	95	216228	48.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.66%	

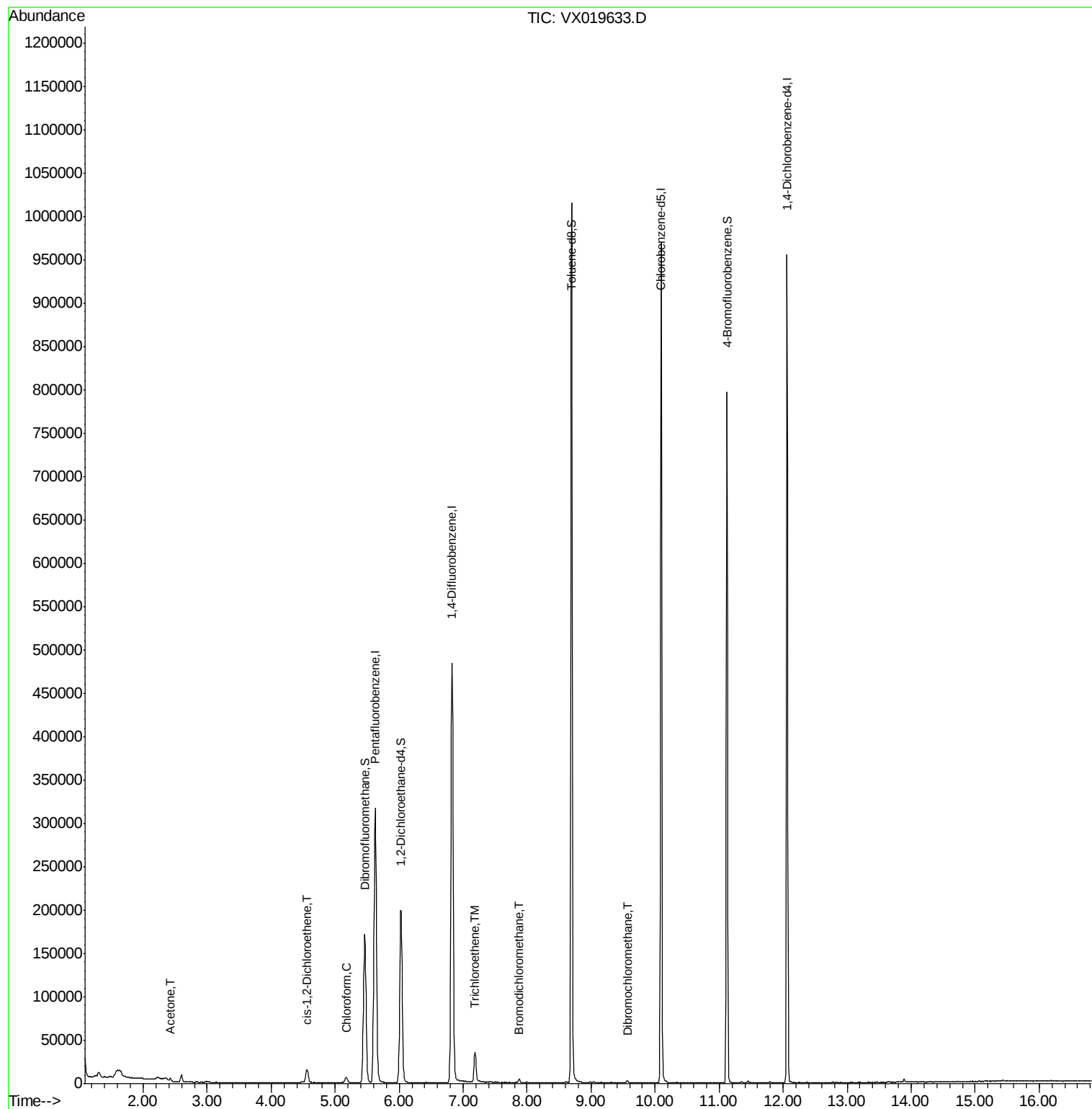
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	3372	2.156	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	9884	2.453	ug/l	98
30) Chloroform	5.17	83	7617	1.187	ug/l	88
44) Trichloroethene	7.18	130	12460	3.240	ug/l	87
47) Bromodichloromethane	7.87	83	2614	0.544	ug/l #	95
60) Dibromochloromethane	9.56	129	1109	0.309	ug/l	88

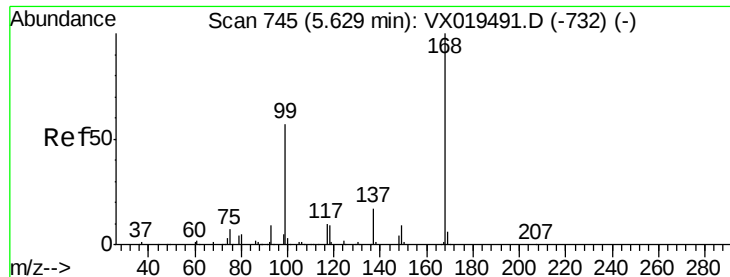
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019633.D

Acq: 25 Nov 2020 02:46

Instrument :

MSVOA_X

ClientSampleId :

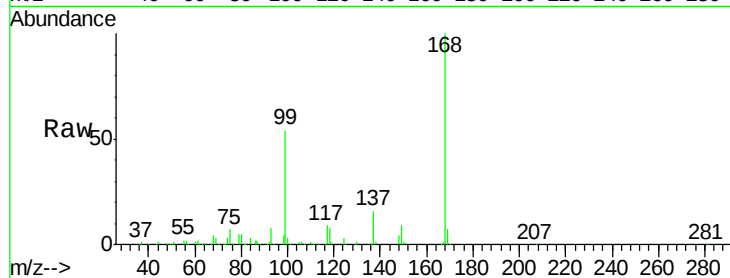
MH-117T-20201119

Tot Ion:168 Resp: 311882

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

120000

100000

80000

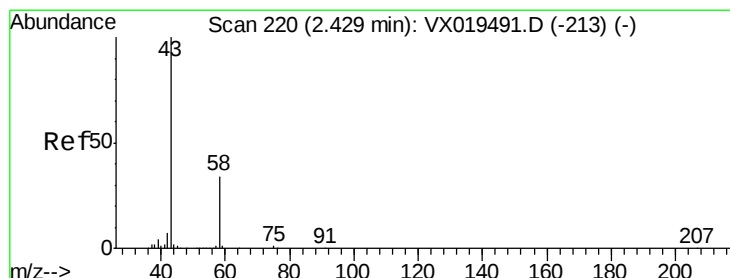
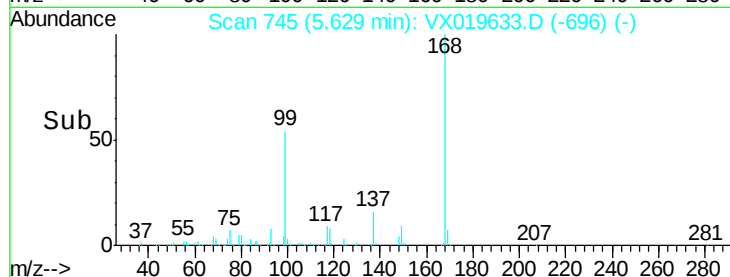
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.156 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019633.D

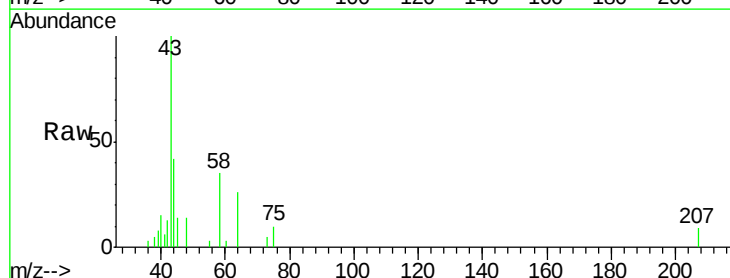
Acq: 25 Nov 2020 02:46

Tgt Ion: 43 Resp: 3372

Ion Ratio Lower Upper

43 100

58 37.2 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

2000

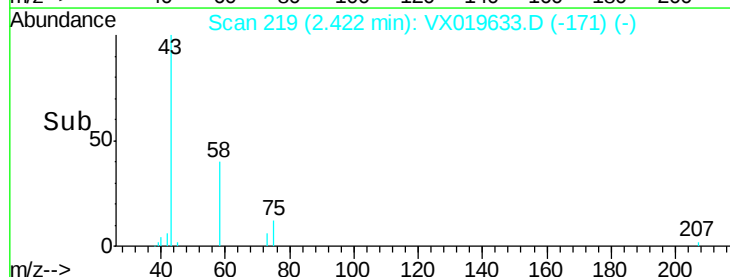
1500

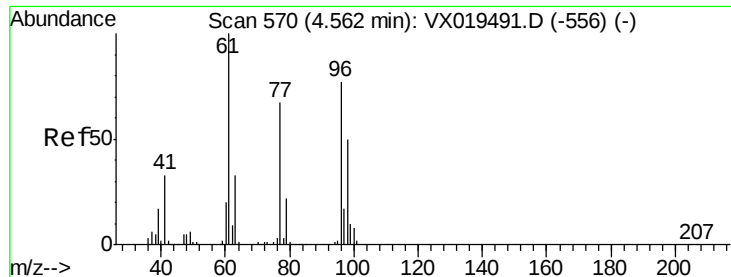
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.453 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX019633.D

Acq: 25 Nov 2020 02:46

Instrument :

MSVOA_X

ClientSampleId :

MH-117T-20201119

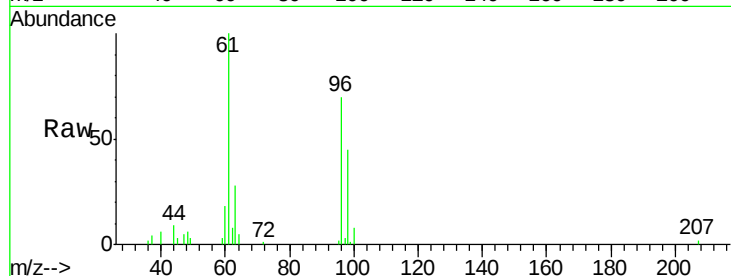
Tot Ion: 96 Resp: 9884

Ion Ratio Lower Upper

96 100

61 143.2 0.0 279.2

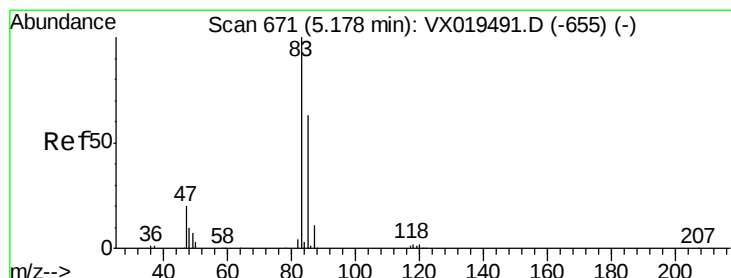
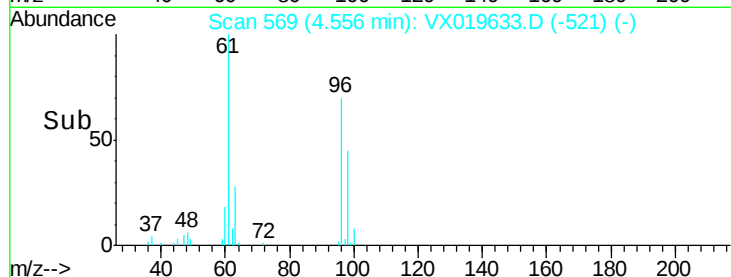
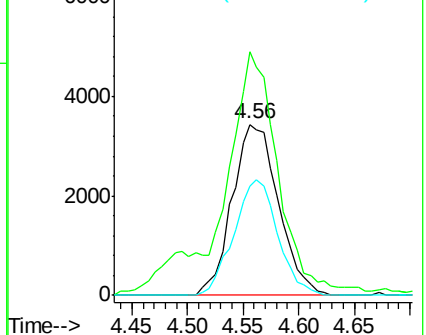
98 64.2 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#30

Chloroform

Concen: 1.187 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX019633.D

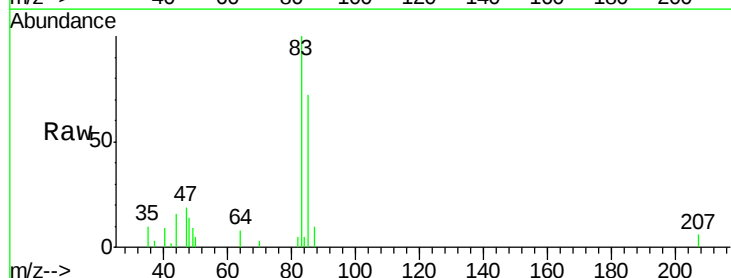
Acq: 25 Nov 2020 02:46

Tgt Ion: 83 Resp: 7617

Ion Ratio Lower Upper

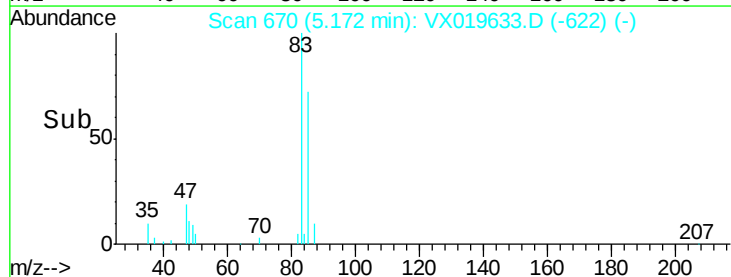
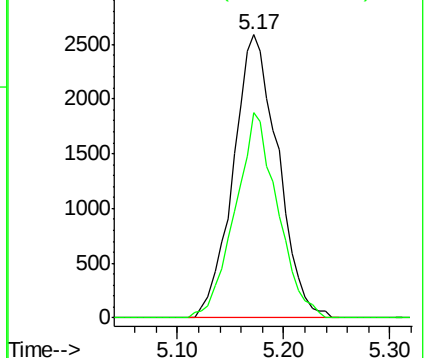
83 100

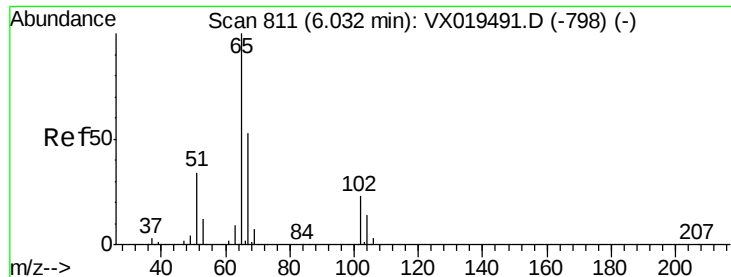
85 72.4 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.586 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019633.D

Acq: 25 Nov 2020 02:46

Instrument :

MSVOA_X

ClientSampleId :

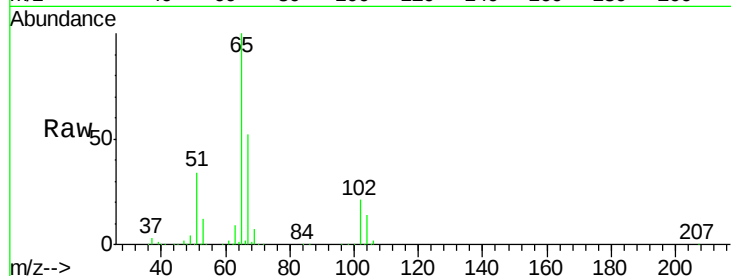
MH-117T-20201119

Tot Ion: 65 Resp: 192429

Ion Ratio Lower Upper

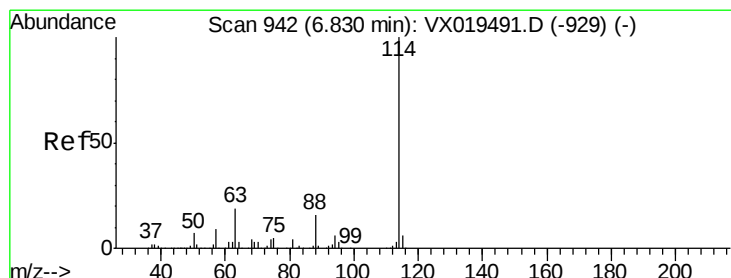
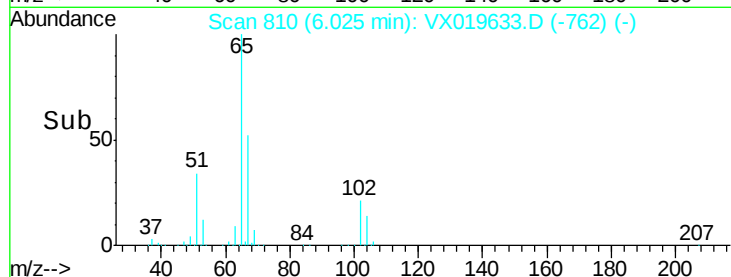
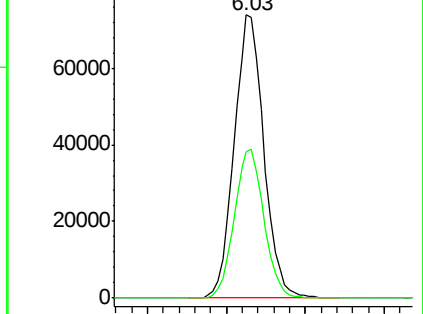
65 100

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: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019633.D

Acq: 25 Nov 2020 02:46

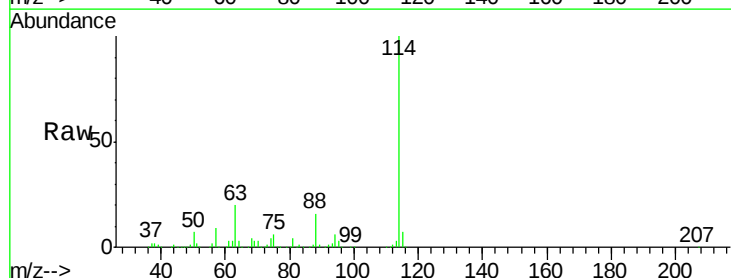
Tgt Ion: 114 Resp: 509767

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.8

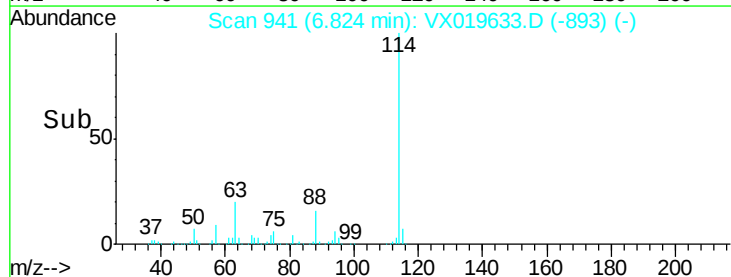
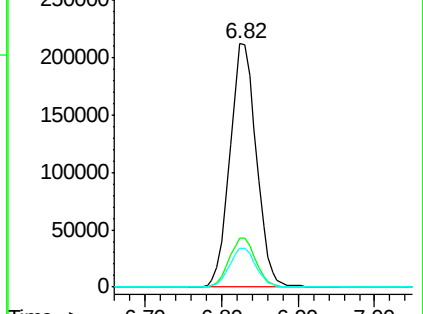
88 16.1 0.0 31.6

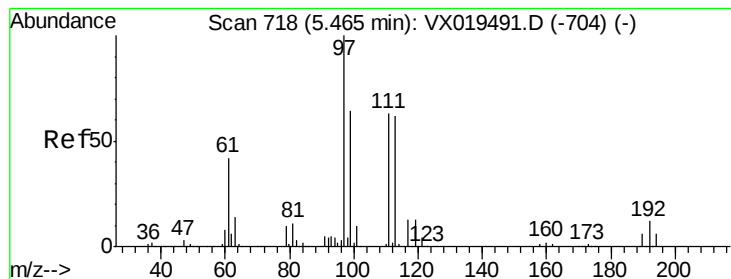


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.332 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019633.D

Acq: 25 Nov 2020 02:46

Instrument :

MSVOA_X

ClientSampleId :

MH-117T-20201119

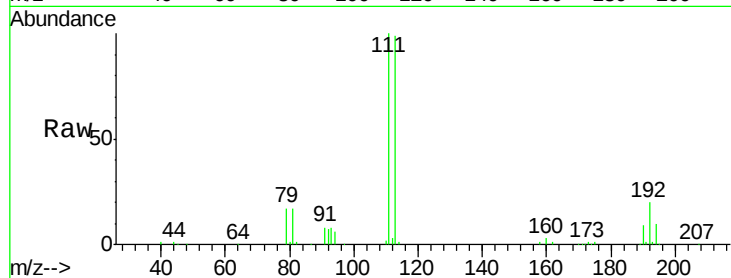
Tot Ion:113 Resp: 151453

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

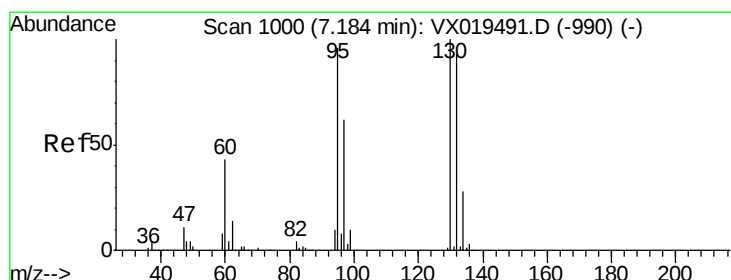
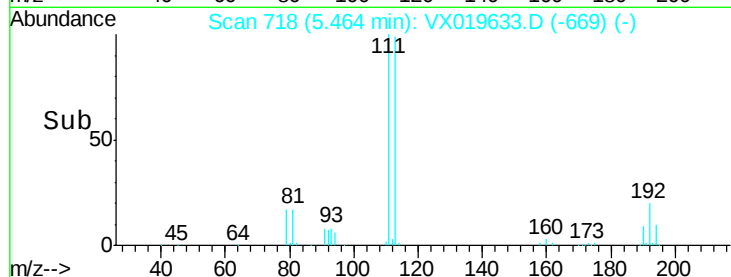
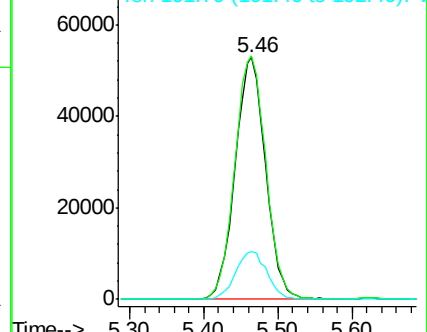
192 20.4 16.2 24.2



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: 3.240 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019633.D

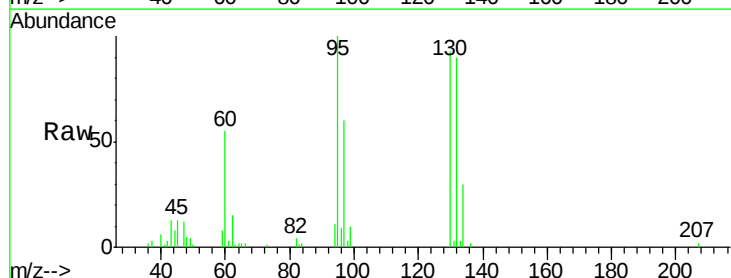
Acq: 25 Nov 2020 02:46

Tgt Ion:130 Resp: 12460

Ion Ratio Lower Upper

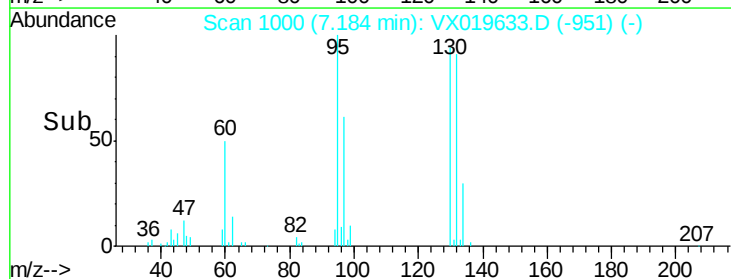
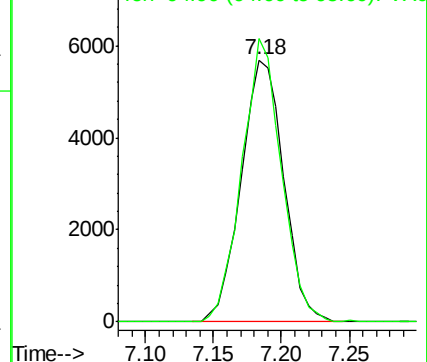
130 100

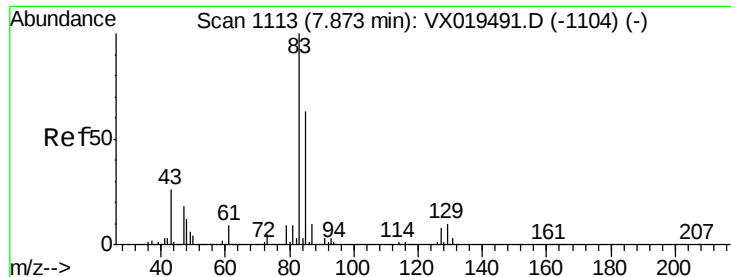
95 108.1 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#47

Bromodichloromethane

Concen: 0.544 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019633.D

Acq: 25 Nov 2020 02:46

Instrument :

MSVOA_X

ClientSampleId :

MH-117T-20201119

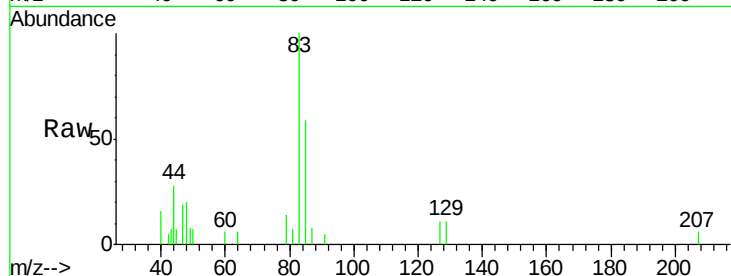
Tot Ion: 83 Resp: 2614

Ion Ratio Lower Upper

83 100

85 59.2 50.2 75.2

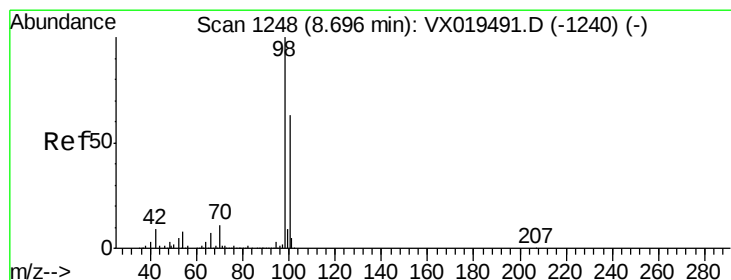
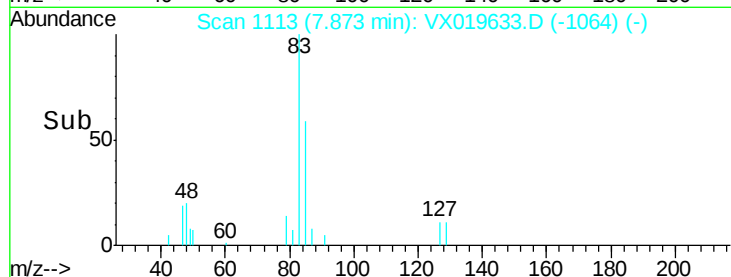
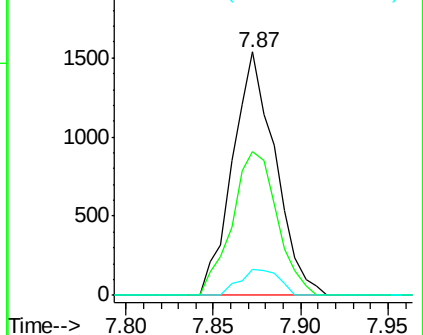
127 10.7 6.4 9.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 49.789 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019633.D

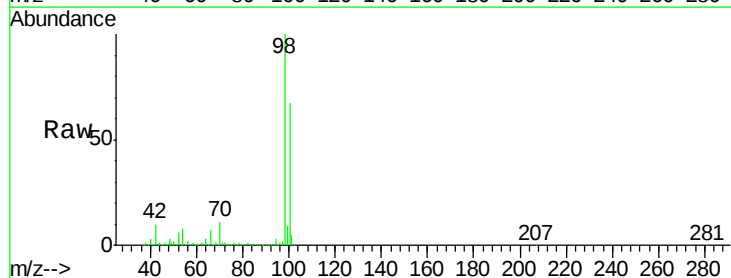
Acq: 25 Nov 2020 02:46

Tgt Ion: 98 Resp: 619087

Ion Ratio Lower Upper

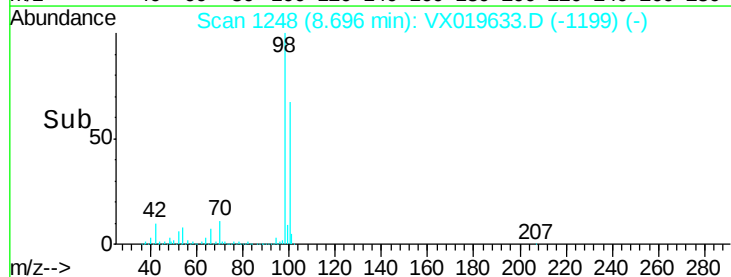
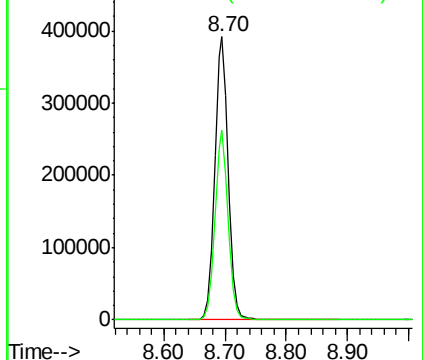
98 100

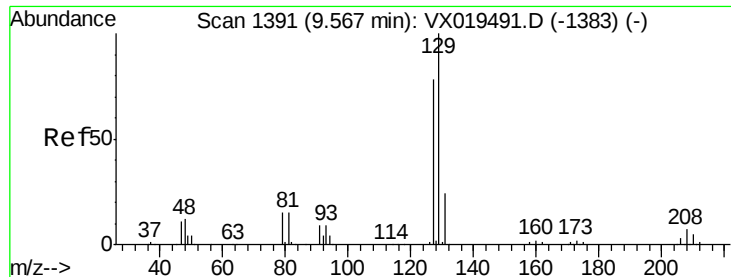
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

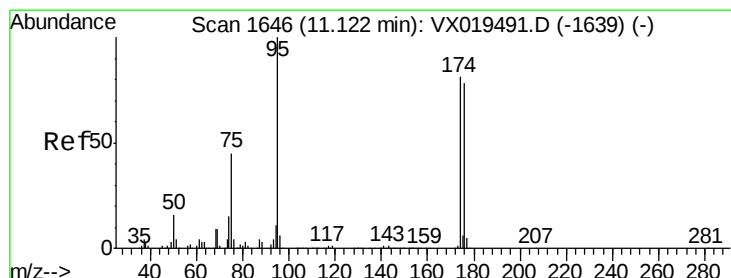
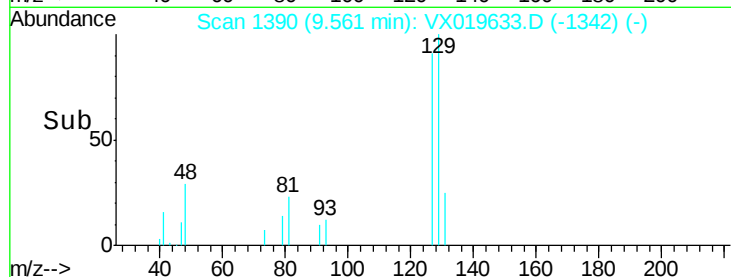
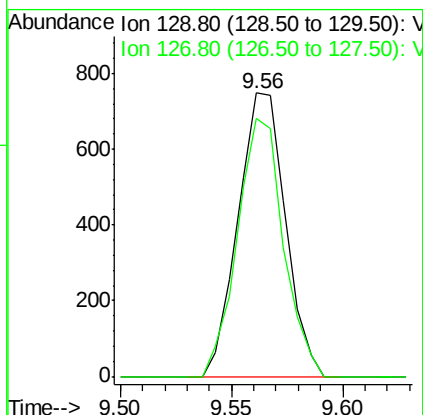
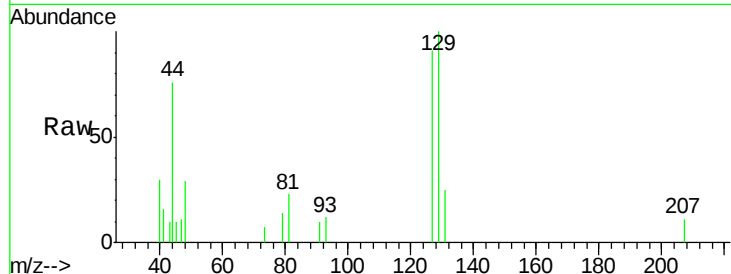




#60
 Dibromochloromethane
 Concen: 0.309 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX019633.D
 Acq: 25 Nov 2020 02:46

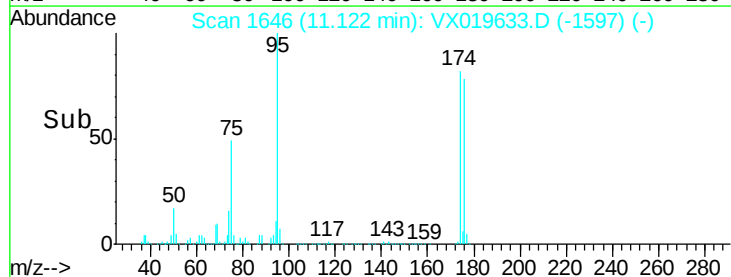
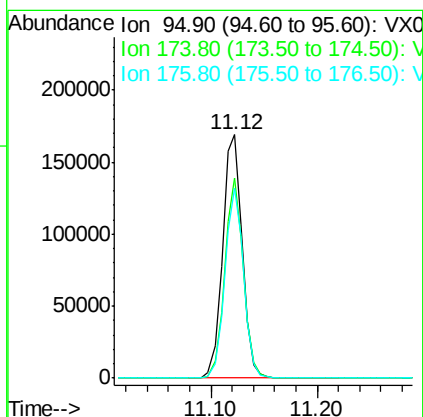
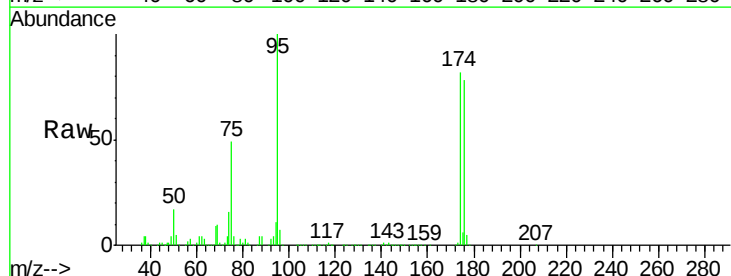
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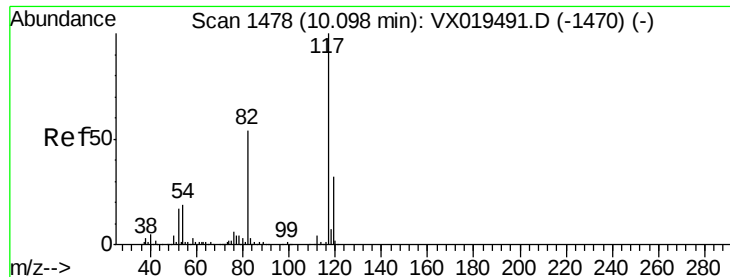
Tot Ion:129 Resp: 1109
 Ion Ratio Lower Upper
 129 100
 127 88.5 39.0 116.9



#62
 4-Bromofluorobenzene
 Concen: 48.334 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019633.D
 Acq: 25 Nov 2020 02:46

Tgt Ion: 95 Resp: 216228
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 156.2
 176 75.0 0.0 151.4

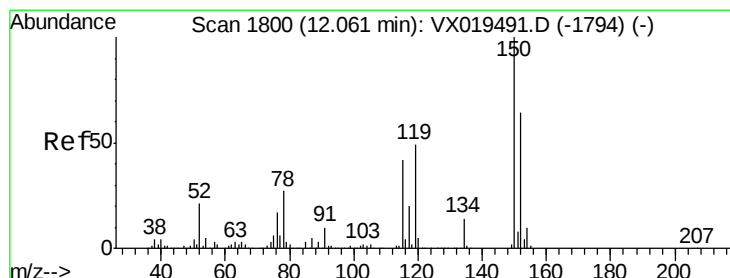
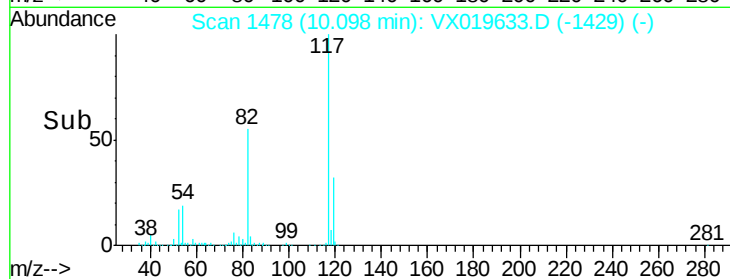
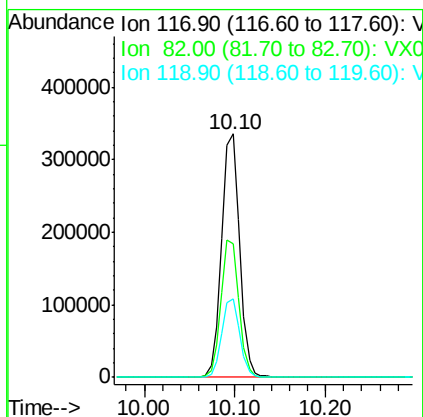
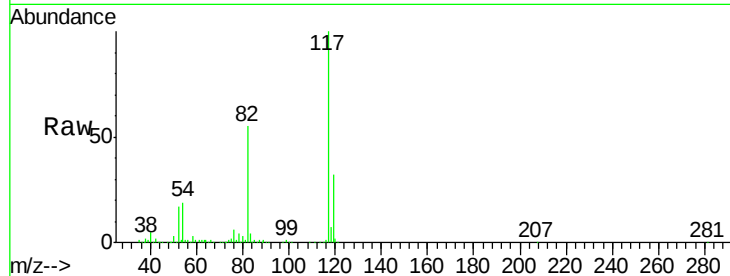




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019633.D
Acq: 25 Nov 2020 02:46

Instrument :
MSVOA_X
ClientSampleId :
MH-117T-20201119

Tot Ion:117 Resp: 466465
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.3 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: VX019633.D
Acq: 25 Nov 2020 02:46

Tgt Ion:152 Resp: 192305
Ion Ratio Lower Upper
152 100
115 59.8 41.8 125.4
150 157.4 0.0 348.2

