

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017708.D
 Acq On : 31 Jul 2020 17:46
 Operator : JC/SP
 Sample : L3526-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-258-260

Quant Time: Aug 01 04:10:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	461942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	786028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	873532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	462930	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	316357	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
35) Dibromofluoromethane	5.47	113	259038	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
50) Toluene-d8	8.70	98	1021921	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	11.12	95	441438	58.16	ug/l	0.00
Spiked Amount			Recovery	=	116.32%	

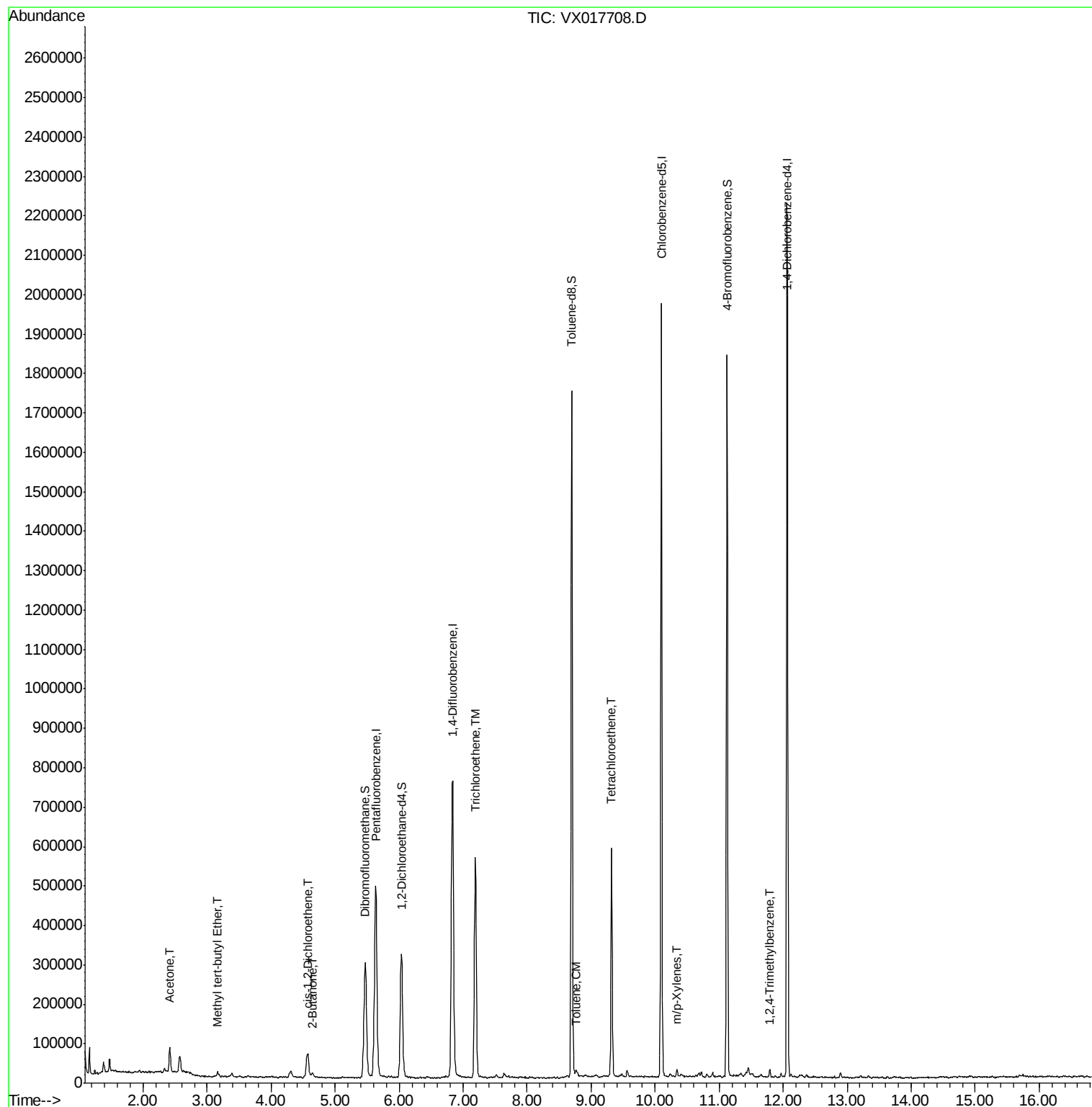
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	63584	24.346	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	10399	0.630	ug/l	94
25) 2-Butanone	4.64	43	18204	4.906	ug/l #	81
27) cis-1,2-Dichloroethene	4.57	96	39516	7.118	ug/l	89
44) Trichloroethene	7.19	130	214798	34.007	ug/l	98
52) Toluene	8.77	92	5170	0.373	ug/l	96
64) Tetrachloroethene	9.32	164	112764	14.383	ug/l	95
68) m/p-Xylenes	10.34	106	4214	0.345	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	7883	0.292	ug/l	92

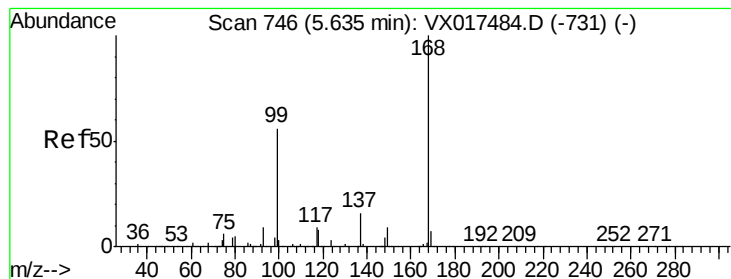
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017708.D

Acq: 31 Jul 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

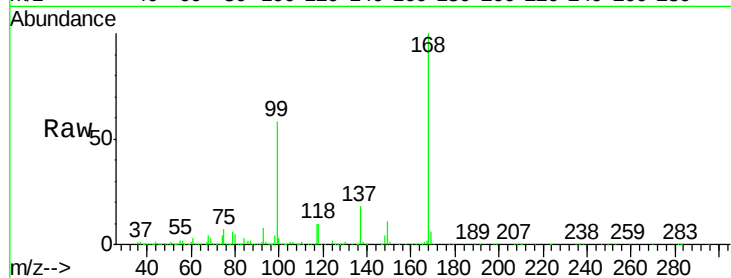
BP-VPB179-GW-258-260

Tot Ion:168 Resp: 461942

Ion Ratio Lower Upper

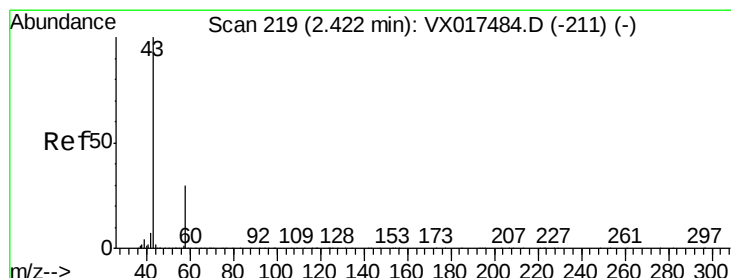
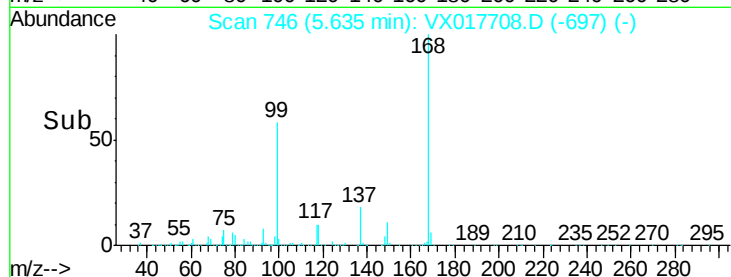
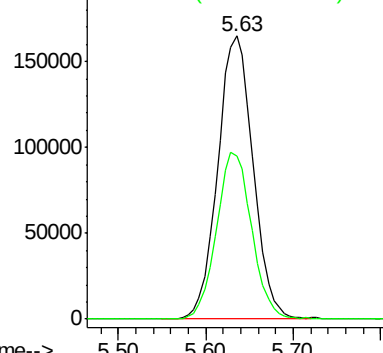
168 100

99 57.7 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 24.346 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017708.D

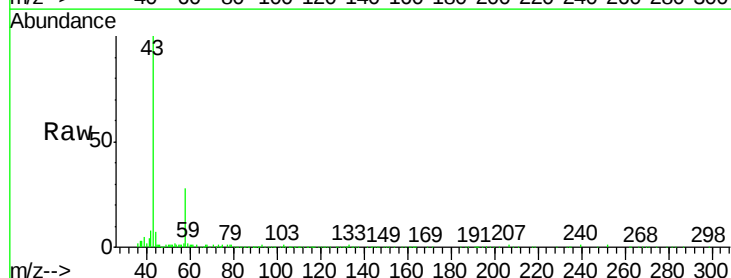
Acq: 31 Jul 2020 17:46

Tgt Ion: 43 Resp: 63584

Ion Ratio Lower Upper

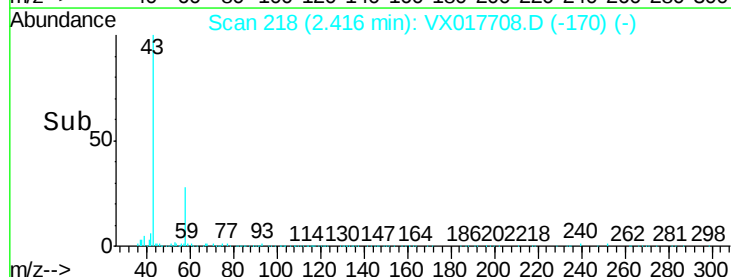
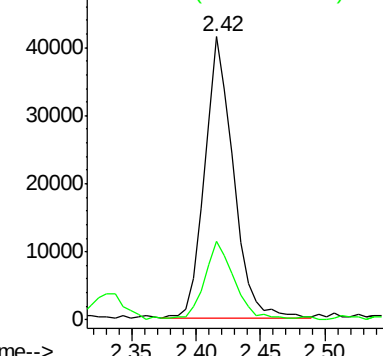
43 100

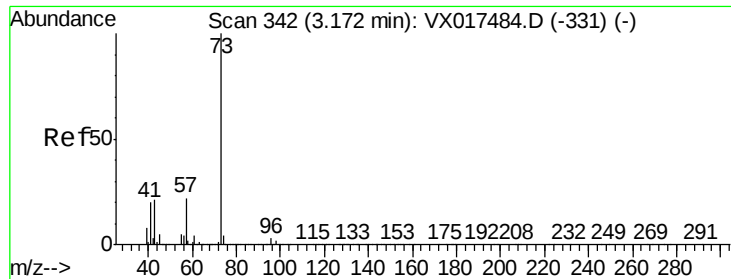
58 26.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

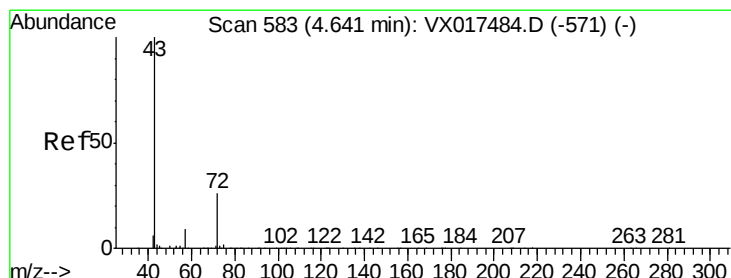
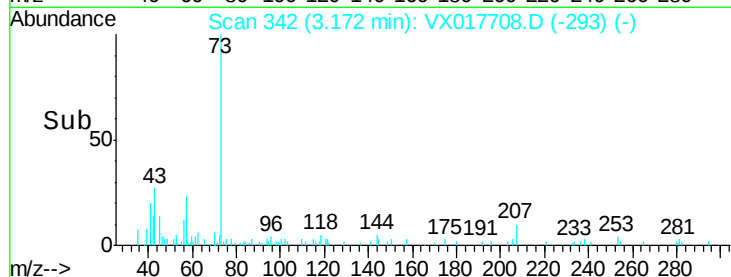
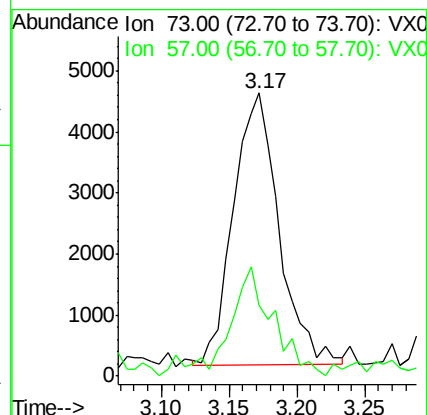
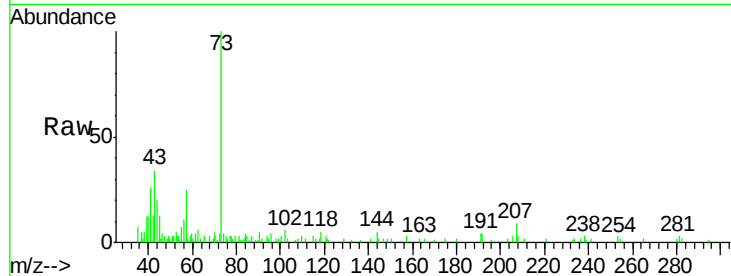




#19
Methvl tert-butvl Ether
Concen: 0.630 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017708.D
Acq: 31 Jul 2020 17:46

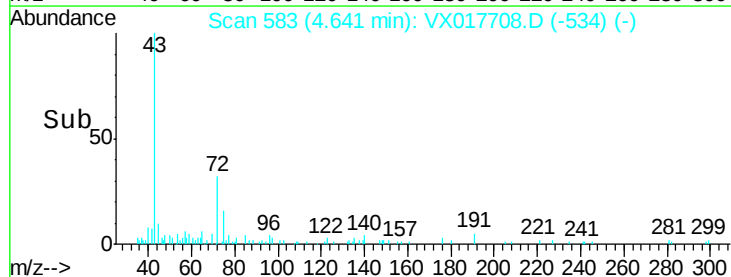
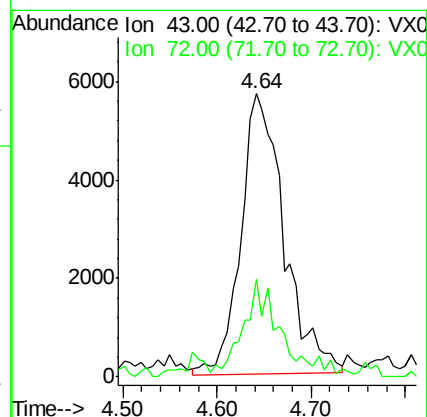
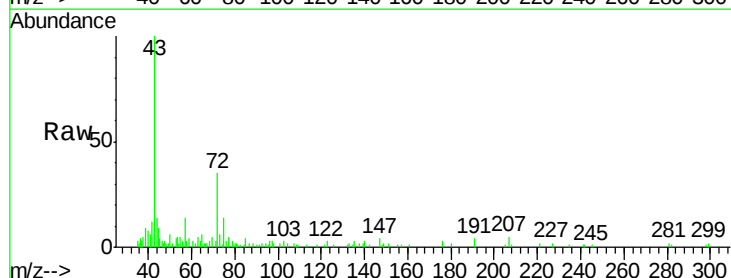
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-258-260

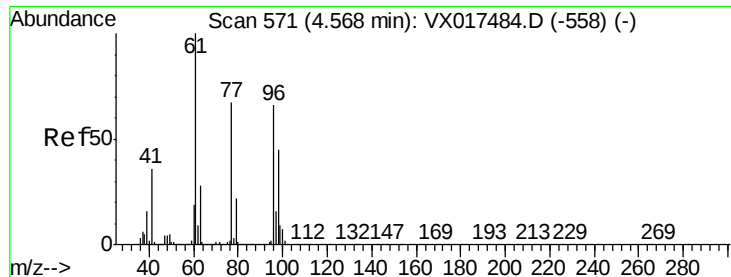
Tot Ion: 73 Resp: 10399
Ion Ratio Lower Upper
73 100
57 23.9 17.0 25.4



#25
2-Butanone
Concen: 4.906 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX017708.D
Acq: 31 Jul 2020 17:46

Tgt Ion: 43 Resp: 18204
Ion Ratio Lower Upper
43 100
72 32.9 19.0 28.4#



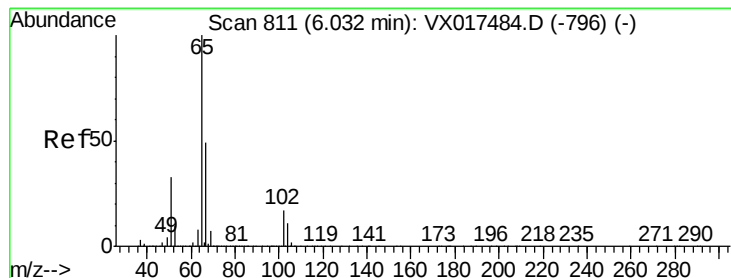
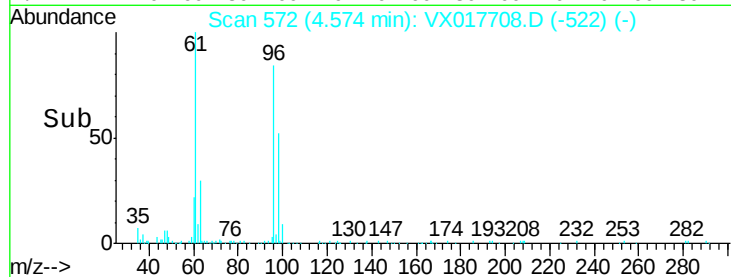
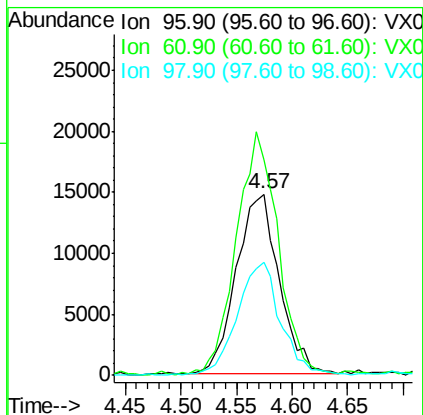
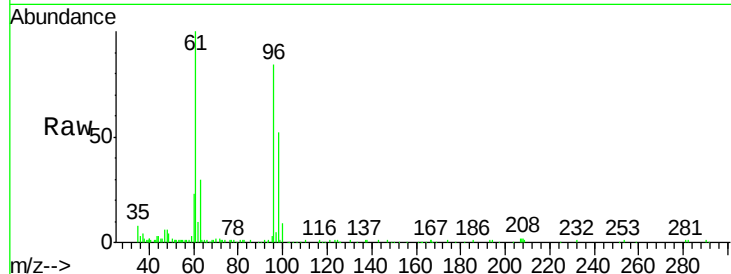


#27

cis-1,2-Dichloroethene
 Concen: 7.118 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX017708.D
 Acq: 31 Jul 2020 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-258-260

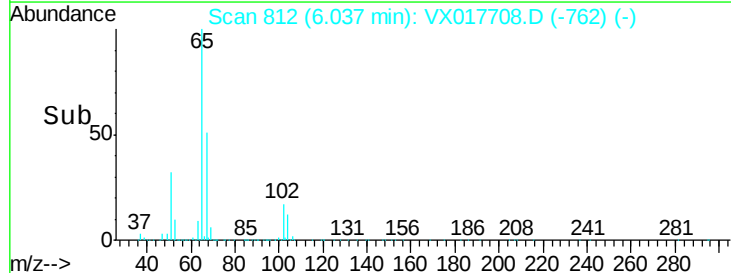
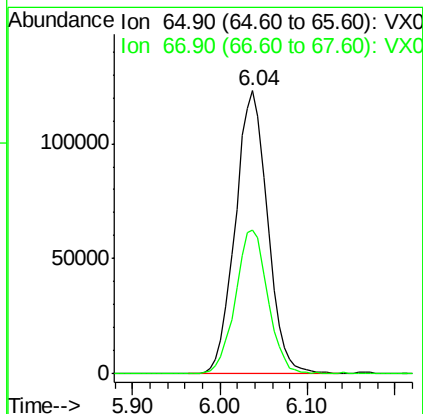
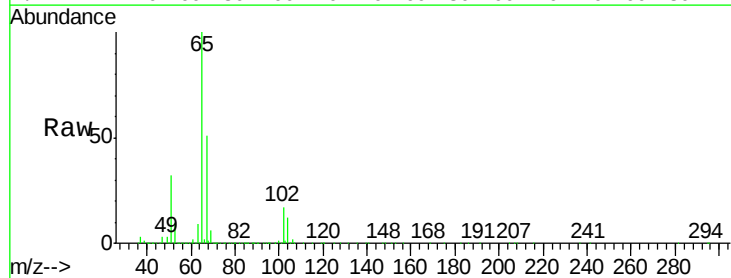
Tot Ion	96	Resp	39516
Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	301.2
98	63.6	0.0	130.0

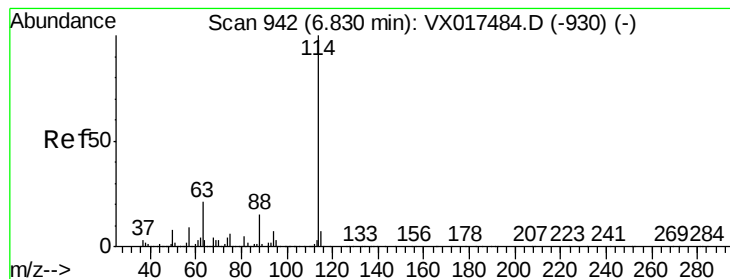


#33

1,2-Dichloroethane-d4
 Concen: 53.314 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017708.D
 Acq: 31 Jul 2020 17:46

Tgt Ion	65	Resp	316357
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017708.D

Acq: 31 Jul 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-258-260

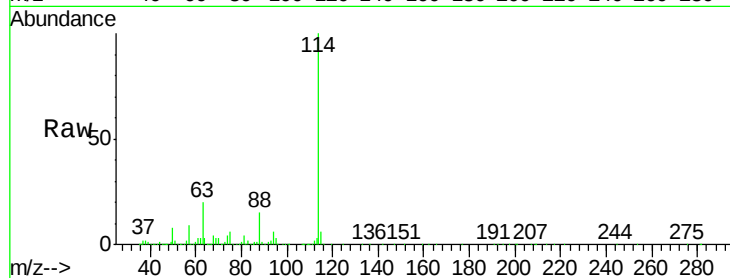
Tot Ion:114 Resp: 786028

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

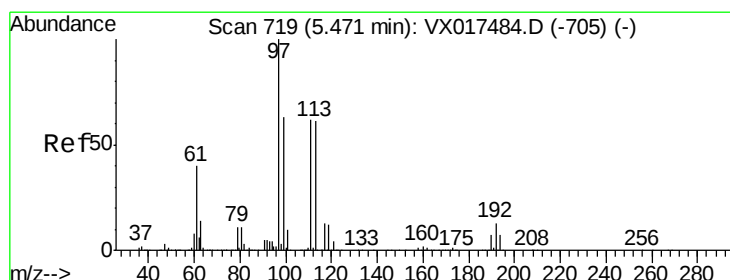
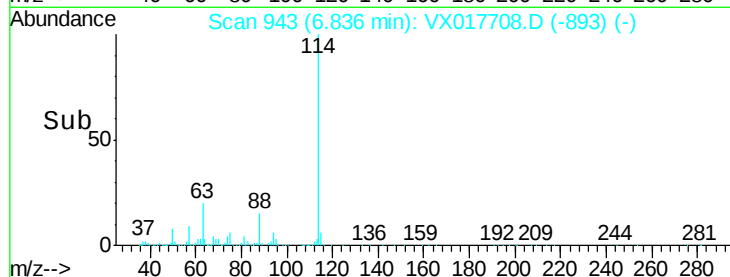
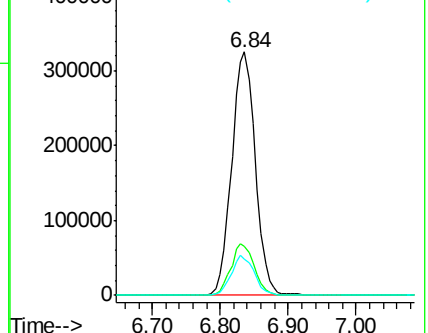
88 14.8 0.0 33.4



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: 49.275 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017708.D

Acq: 31 Jul 2020 17:46

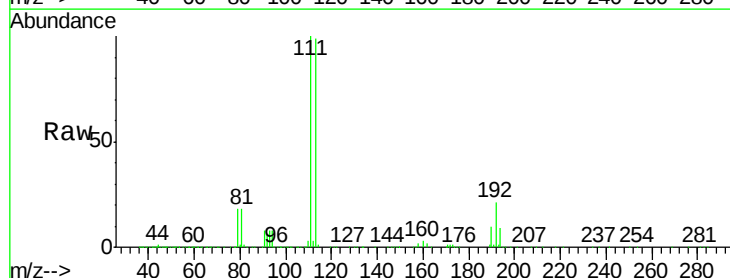
Tgt Ion:113 Resp: 259038

Ion Ratio Lower Upper

113 100

111 104.0 80.7 121.1

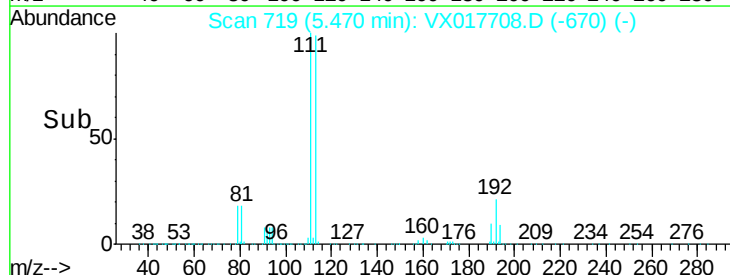
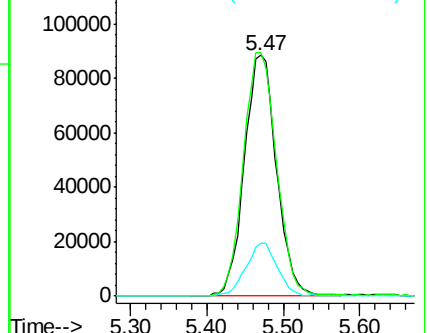
192 21.5 16.9 25.3

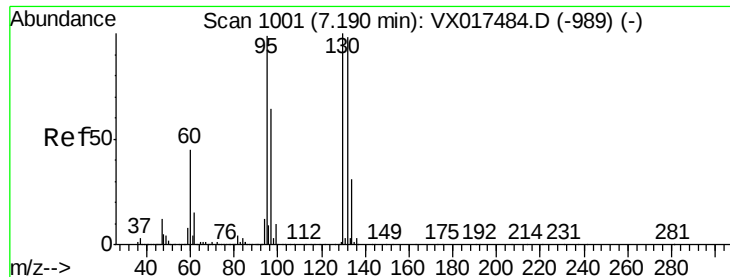


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 34.007 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017708.D

Acq: 31 Jul 2020 17:46

Instrument :

MSVOA_X

ClientSampleId :

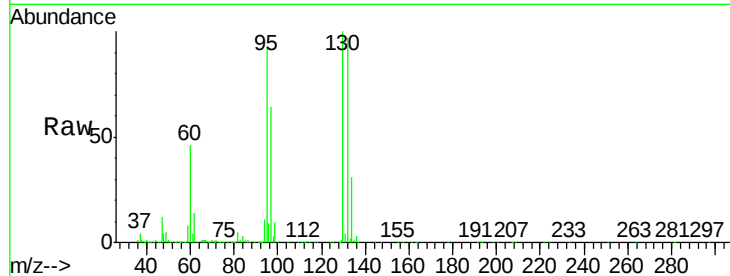
BP-VPB179-GW-258-260

Tot Ion:130 Resp: 214798

Ion Ratio Lower Upper

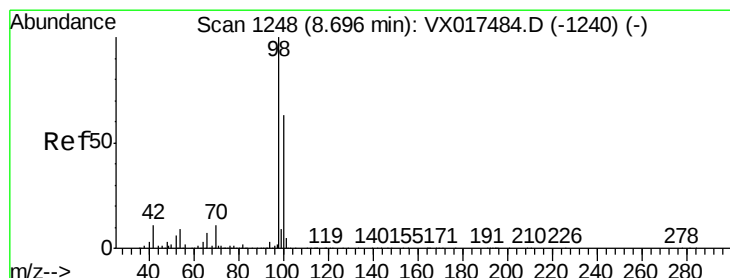
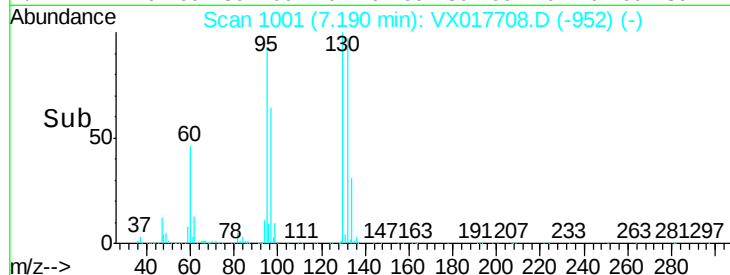
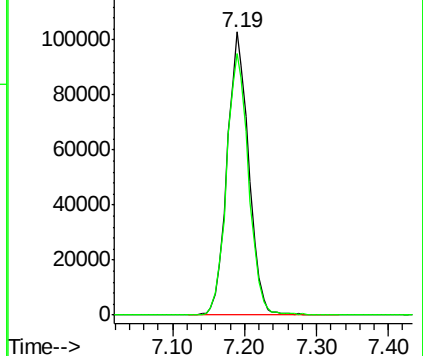
130 100

95 92.6 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.886 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017708.D

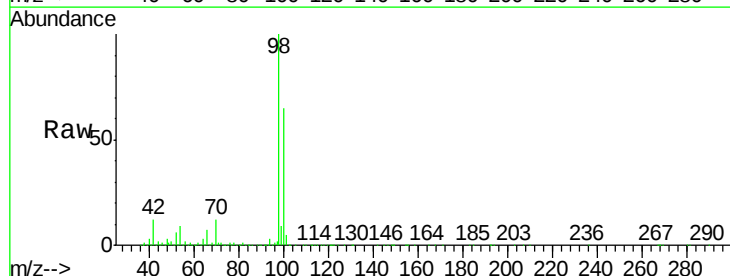
Acq: 31 Jul 2020 17:46

Tgt Ion: 98 Resp: 1021921

Ion Ratio Lower Upper

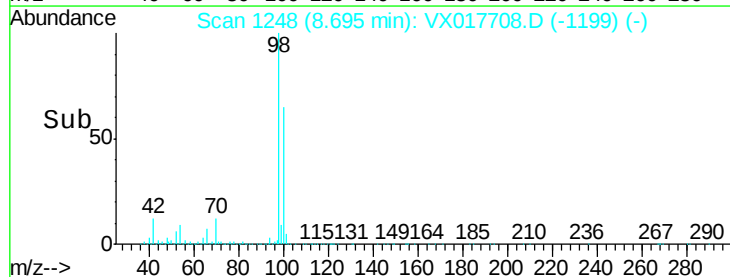
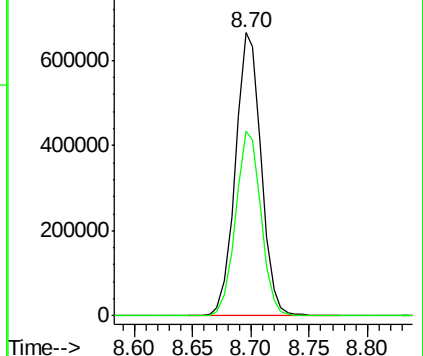
98 100

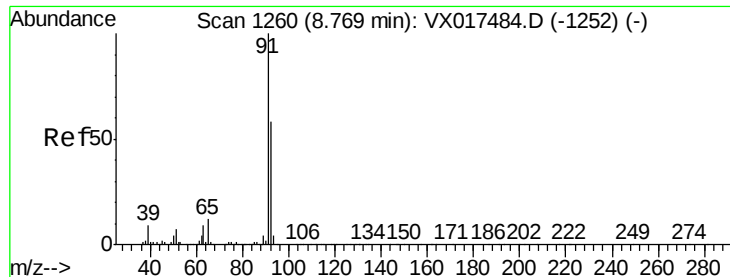
100 64.4 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.373 ug/l

RT: 8.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VX017708.D

Acq: 31 Jul 2020 17:46

Instrument :

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ClientSampleId :

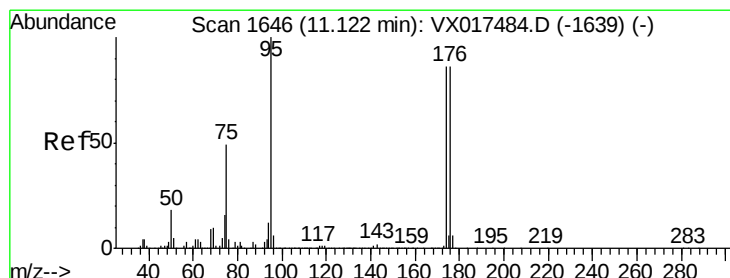
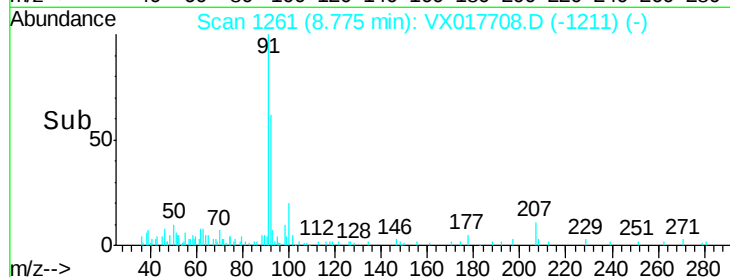
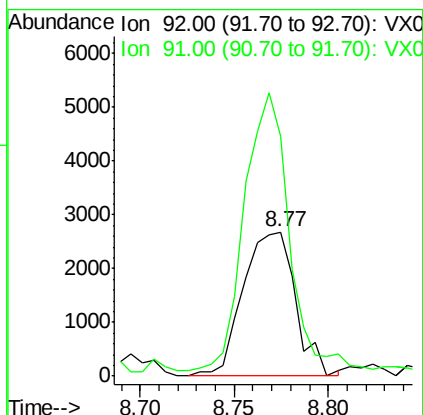
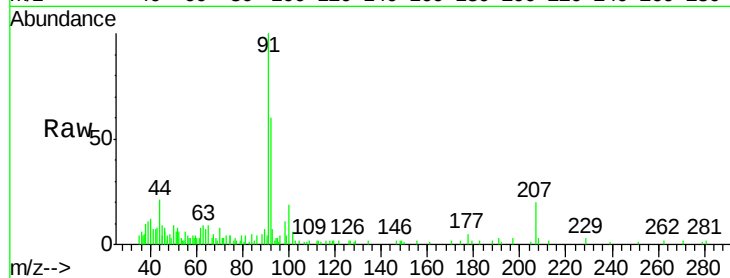
BP-VPB179-GW-258-260

Tot Ion: 92 Resp: 5170

Ion Ratio Lower Upper

92 100

91 167.1 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 58.163 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017708.D

Acq: 31 Jul 2020 17:46

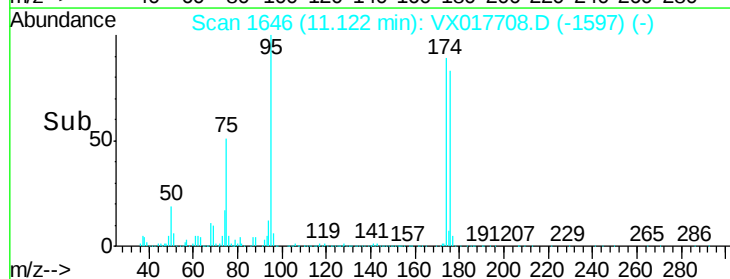
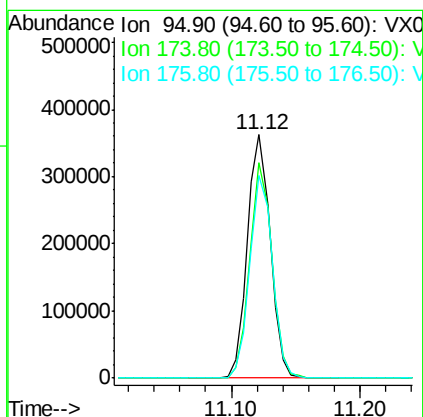
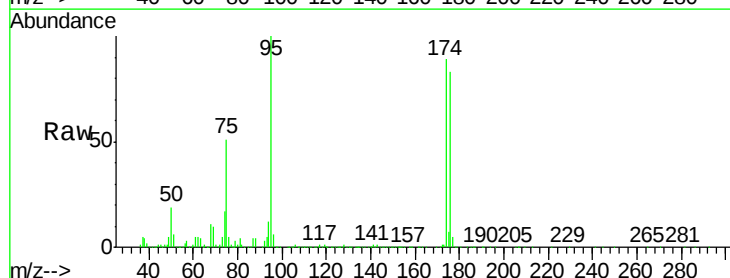
Tgt Ion: 95 Resp: 441438

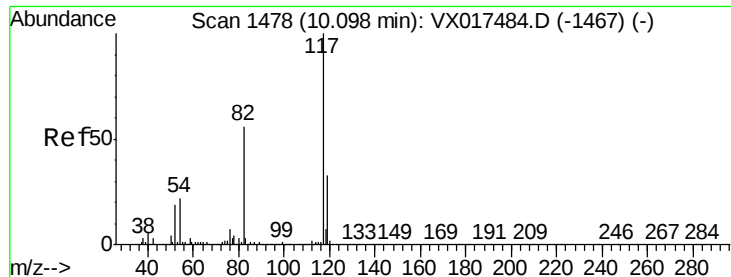
Ion Ratio Lower Upper

95 100

174 85.8 0.0 169.0

176 82.3 0.0 161.0

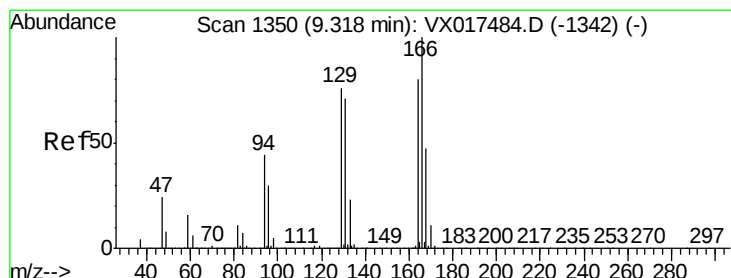
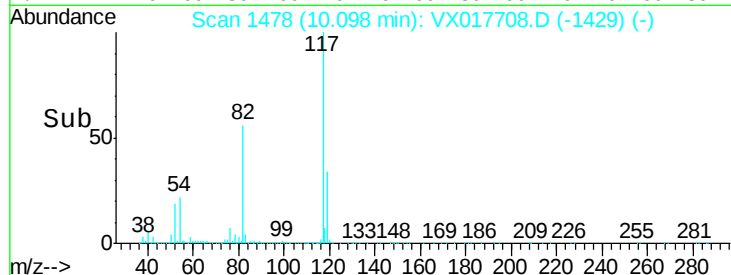
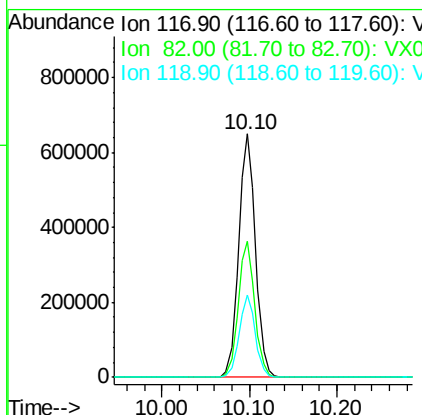
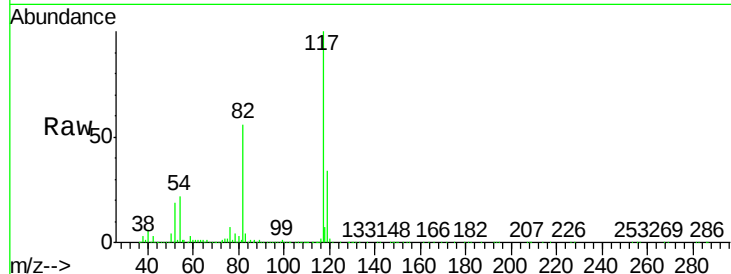




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017708.D
Acq: 31 Jul 2020 17:46

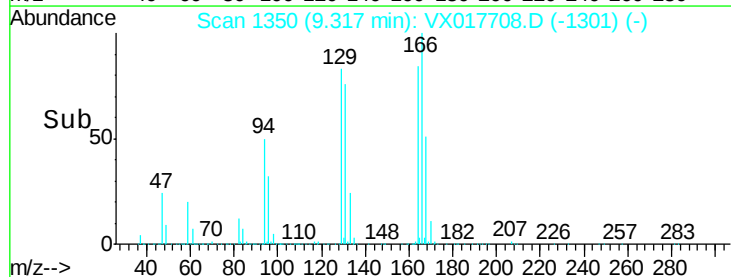
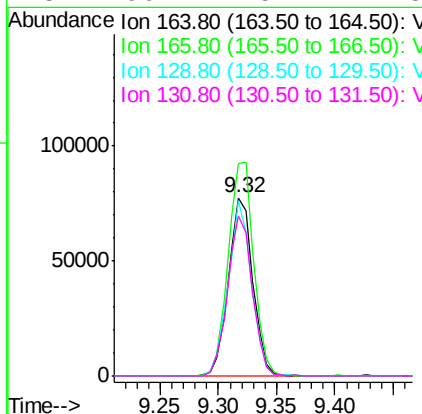
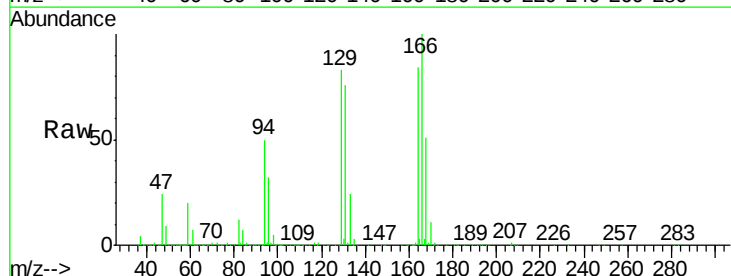
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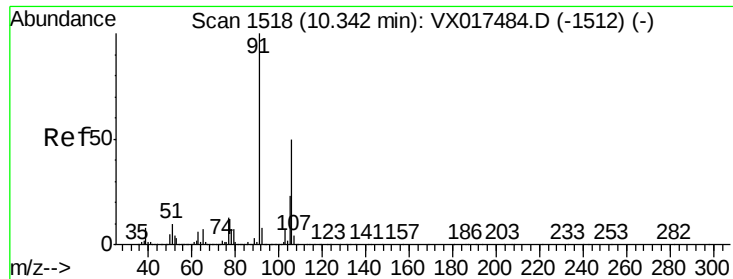
Tot Ion:117 Resp: 873532
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 33.7 25.4 38.0



#64
Tetrachloroethene
Concen: 14.383 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017708.D
Acq: 31 Jul 2020 17:46

Tgt Ion:164 Resp: 112764
Ion Ratio Lower Upper
164 100
166 118.7 100.6 150.8
129 98.5 75.0 112.6
131 90.1 75.2 112.8

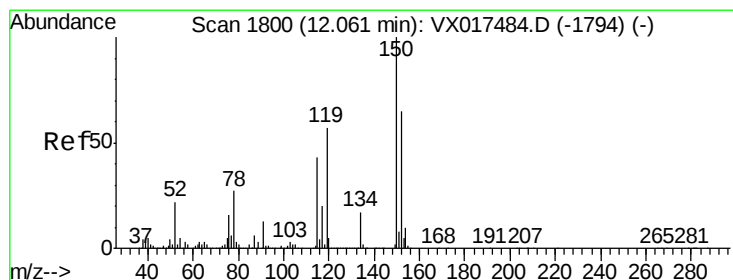
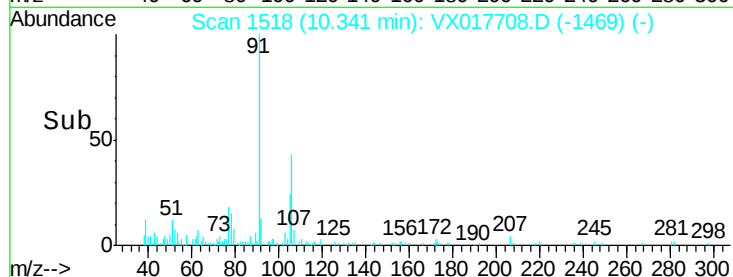
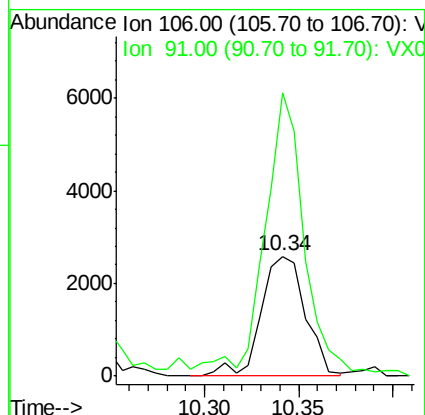
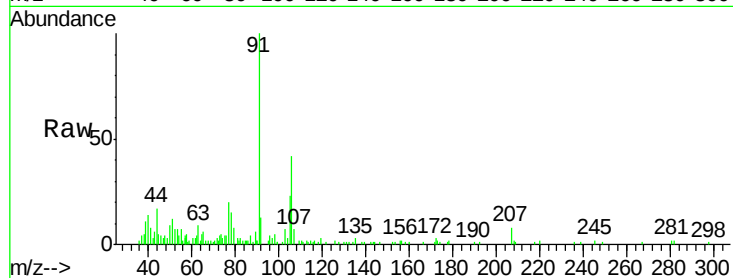




#68
m/p-Xvlenes
Concen: 0.345 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017708.D
Acq: 31 Jul 2020 17:46

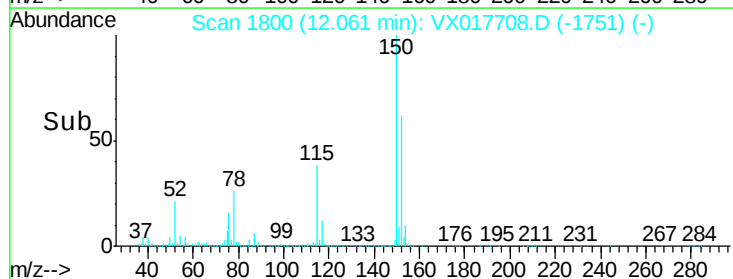
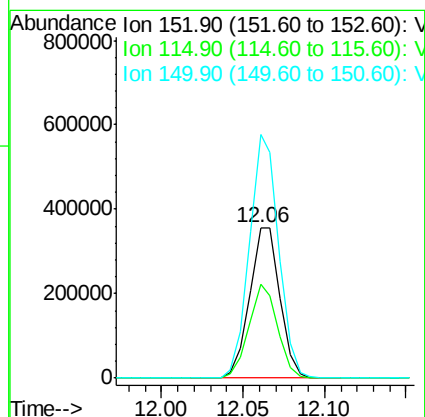
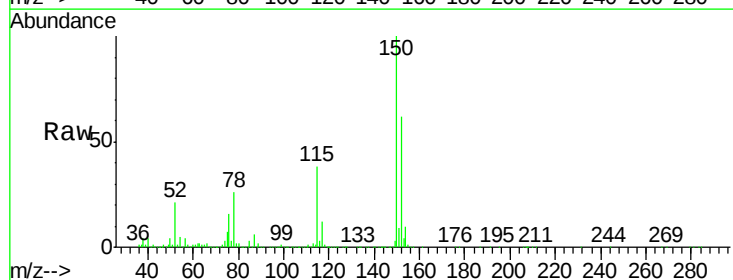
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-258-260

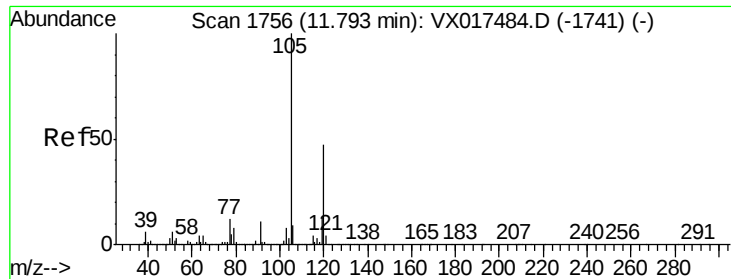
Tot Ion:106 Resp: 4214
Ion Ratio Lower Upper
106 100
91 216.0 160.9 241.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017708.D
Acq: 31 Jul 2020 17:46

Tgt Ion:152 Resp: 462930
Ion Ratio Lower Upper
152 100
115 58.9 65.5 196.6#
150 156.0 0.0 412.6





#84
 1,2,4-Trimethylbenzene
 Concen: 0.292 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017708.D
 Acq: 31 Jul 2020 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-258-260

Tot Ion:105 Resp: 7883
 Ion Ratio Lower Upper
 105 100
 120 50.8 22.7 68.0

