

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019559.D
 Acq On : 23 Nov 2020 18:36
 Operator : JC/MD
 Sample : L4839-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B3-GW

Quant Time: Nov 24 04:37:54 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	310124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	500682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	179279	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	185159	46.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.10%	
35) Dibromofluoromethane		5.46	113	146921	46.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.50%	
50) Toluene-d8		8.70	98	584572	47.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.74%	
62) 4-Bromofluorobenzene		11.12	95	199209	45.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.68%	

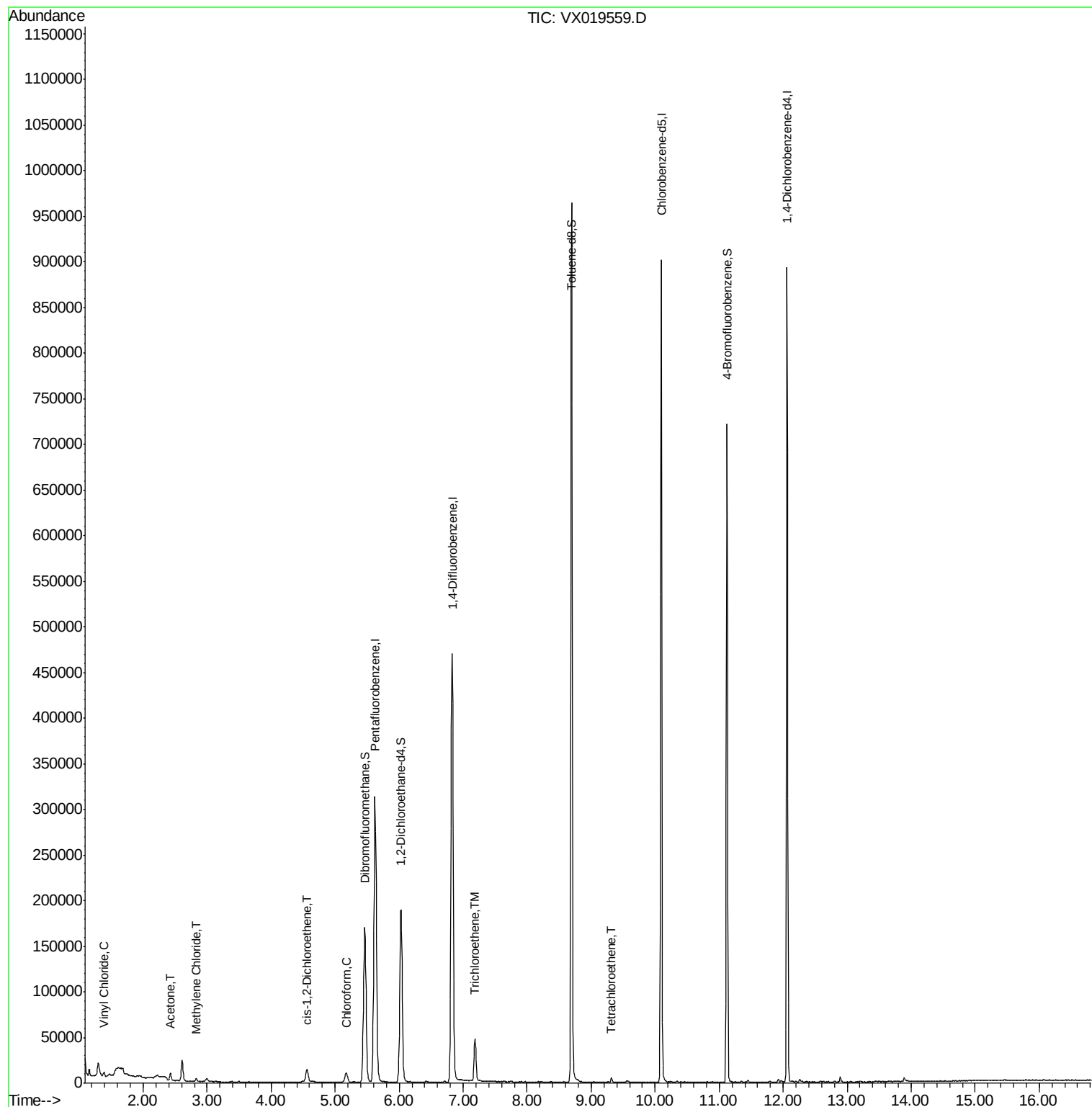
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	898	0.241	ug/l #	81
16) Acetone	2.43	43	7690	4.945	ug/l	95
20) Methylene Chloride	2.82	84	1533	0.394	ug/l #	83
27) cis-1,2-Dichloroethene	4.56	96	8654	2.160	ug/l	77
30) Chloroform	5.17	83	12646	1.982	ug/l	95
44) Trichloroethene	7.18	130	17322	4.585	ug/l	95
64) Tetrachloroethene	9.32	164	985	0.289	ug/l	92

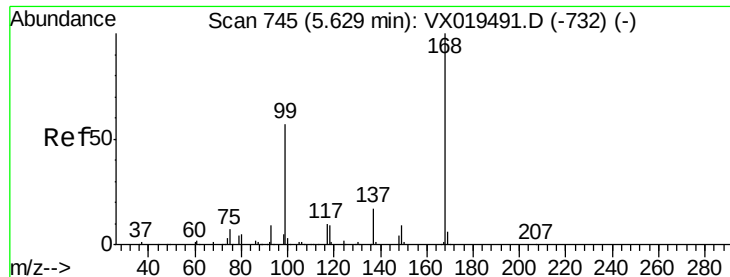
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019559.D

Acq: 23 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

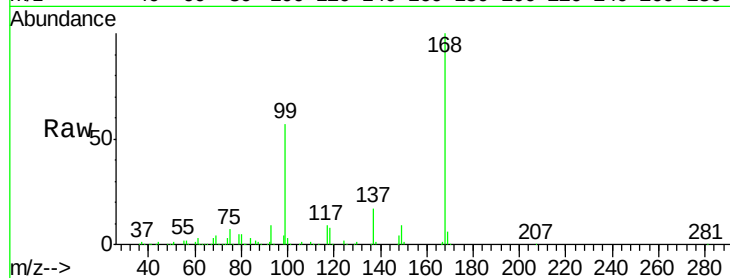
B3-GW

Tot Ion:168 Resp: 310124

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

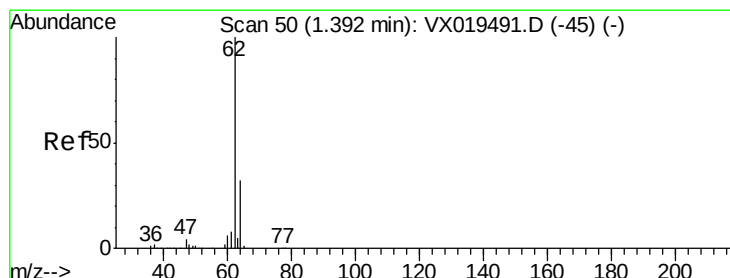
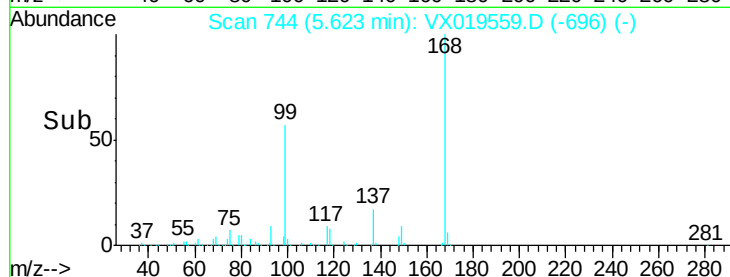
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.241 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019559.D

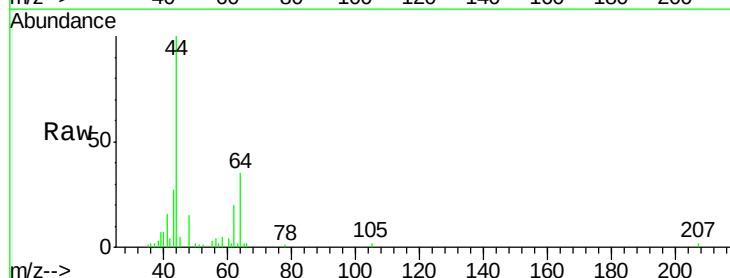
Acq: 23 Nov 2020 18:36

Tgt Ion: 62 Resp: 898

Ion Ratio Lower Upper

62 100

64 42.6 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

3000

2500

2000

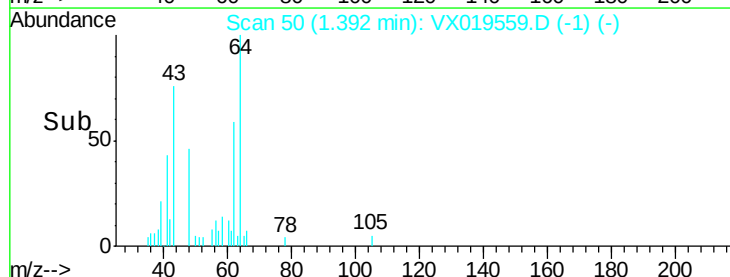
1500

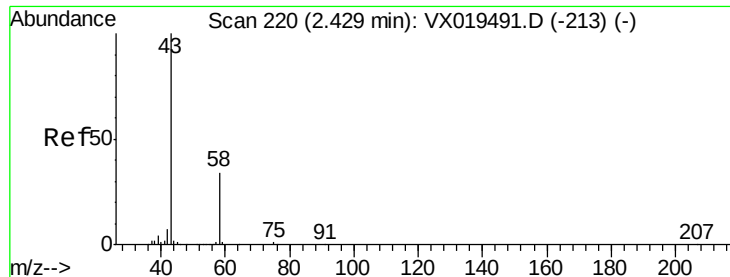
1000

500

0

Time-->





#16

Acetone

Concen: 4.945 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019559.D

Acq: 23 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampled :

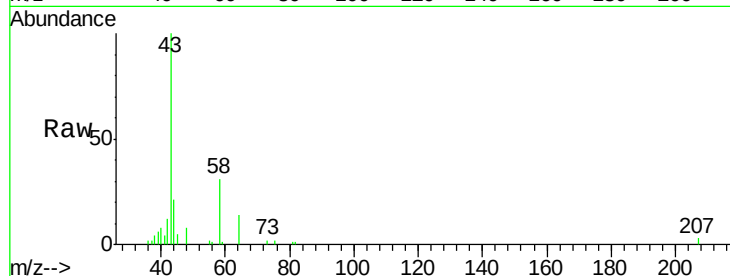
B3-GW

Tot Ion: 43 Resp: 7690

Ion Ratio Lower Upper

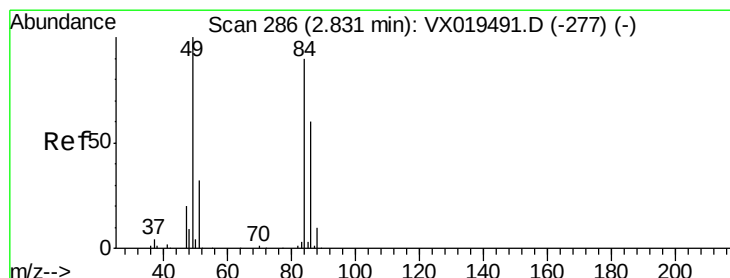
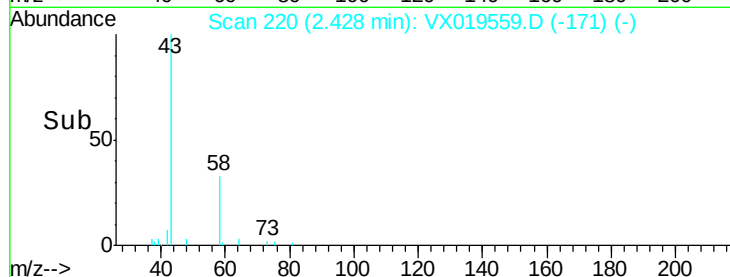
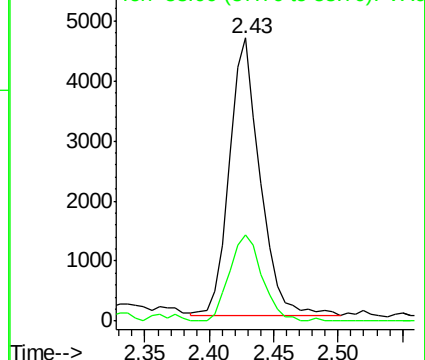
43 100

58 31.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.394 ug/l

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX019559.D

Acq: 23 Nov 2020 18:36

Tgt Ion: 84 Resp: 1533

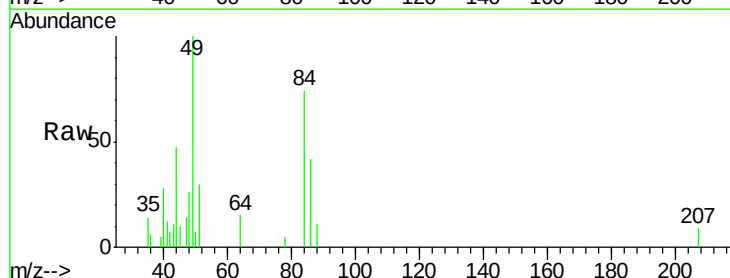
Ion Ratio Lower Upper

84 100

49 134.4 88.5 132.7#

51 40.4 28.0 42.0

86 56.2 53.0 79.4

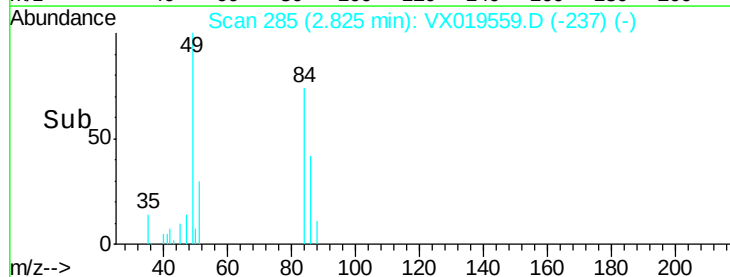
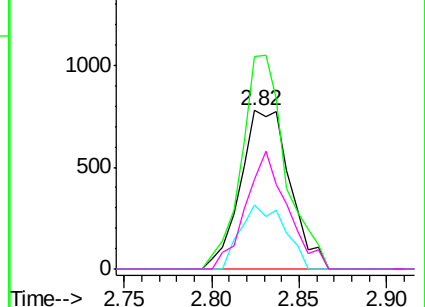


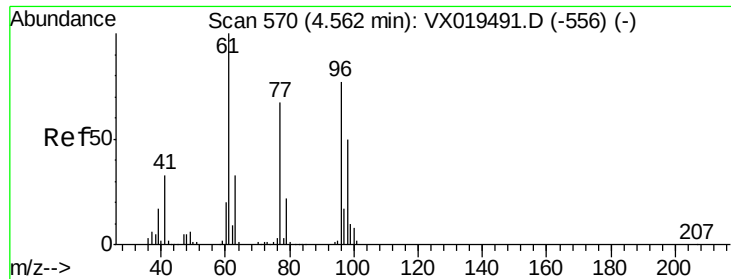
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



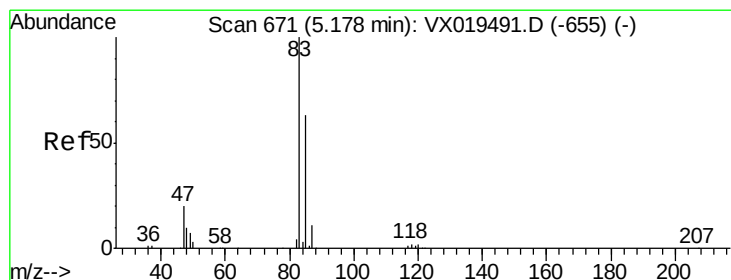
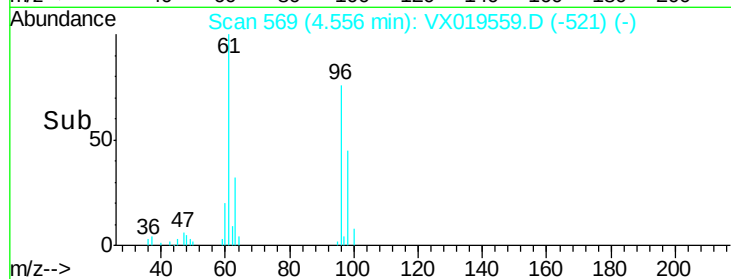
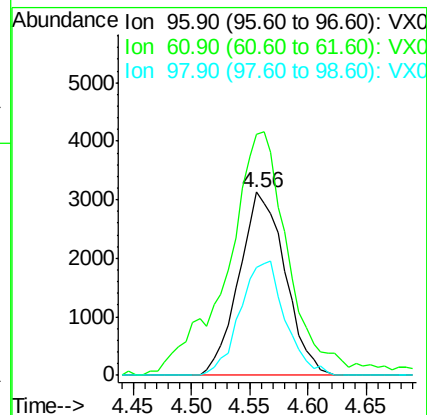
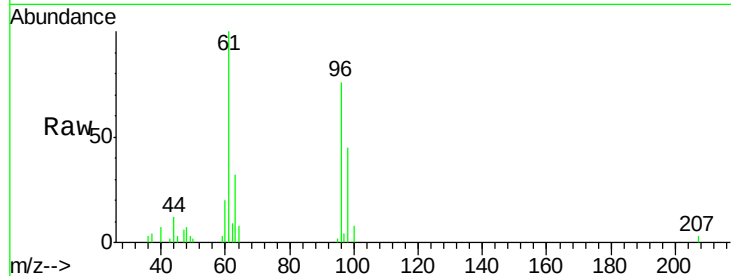


#27

cis-1,2-Dichloroethene
 Concen: 2.160 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX019559.D
 Acq: 23 Nov 2020 18:36

Instrument :
 MSVOA_X
 ClientSampled :
 B3-GW

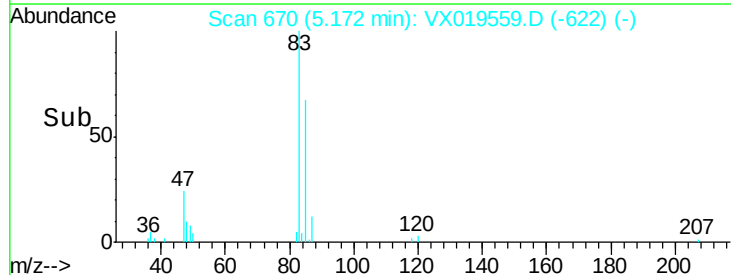
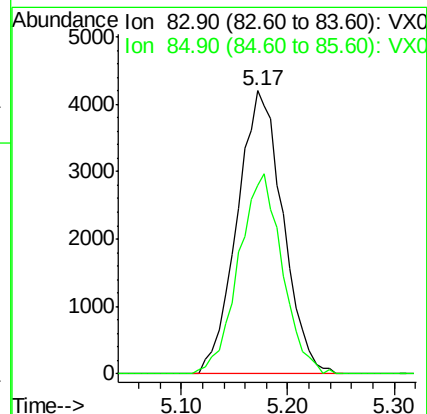
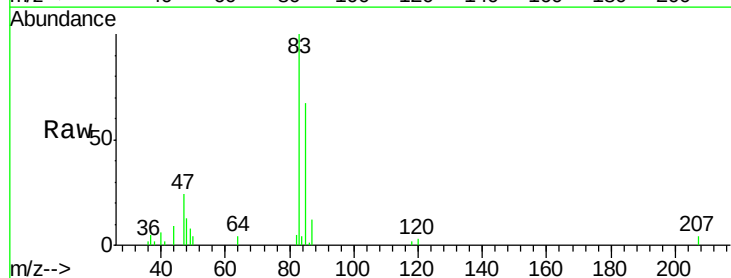
Tot Ion: 96 Resp: 8654
 Ion Ratio Lower Upper
 96 100
 61 178.0 0.0 279.2
 98 60.5 0.0 129.8

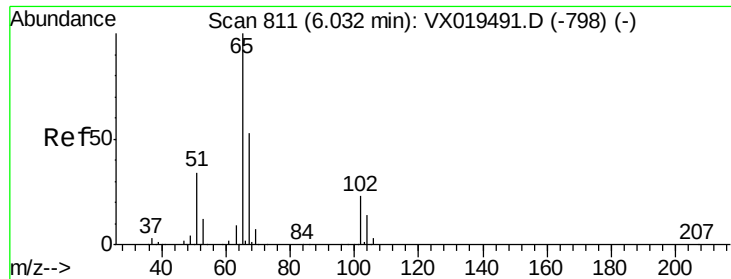


#30

Chloroform
 Concen: 1.982 ug/l
 RT: 5.17 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: VX019559.D
 Acq: 23 Nov 2020 18:36

Tgt Ion: 83 Resp: 12646
 Ion Ratio Lower Upper
 83 100
 85 66.7 50.5 75.7

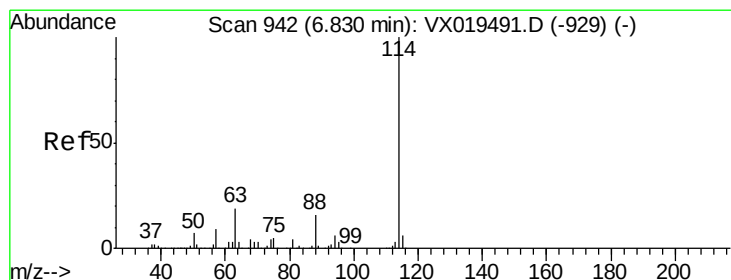
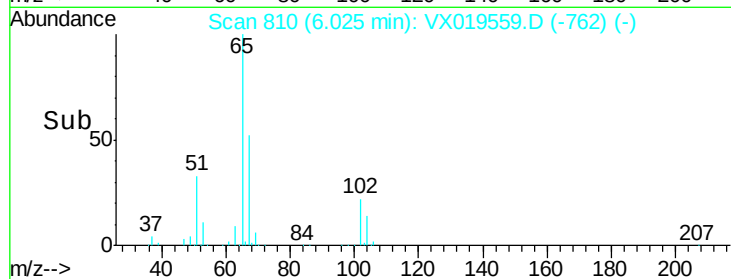
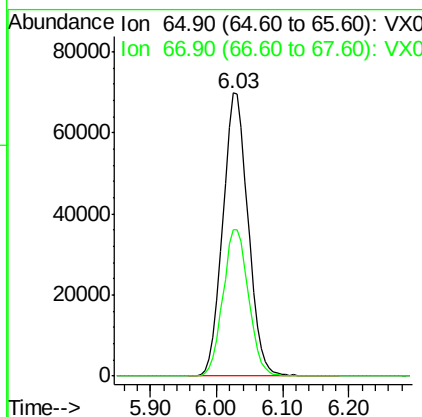
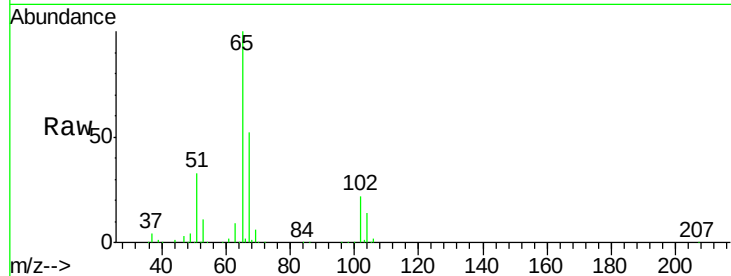




#33
 1,2-Dichloroethane-d4
 Concen: 46.048 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019559.D
 Acq: 23 Nov 2020 18:36

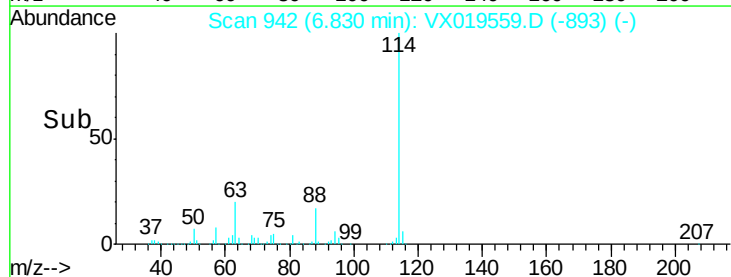
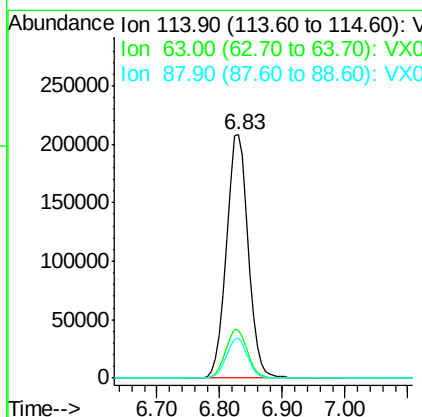
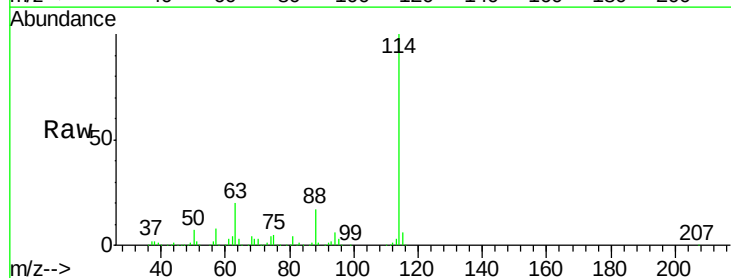
Instrument :
 MSVOA_X
 ClientSampleId :
 B3-GW

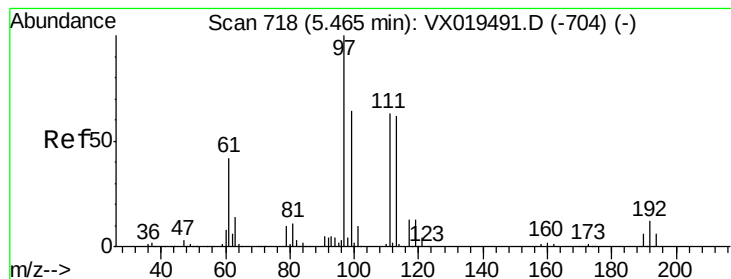
Tot Ion: 65 Resp: 185159
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019559.D
 Acq: 23 Nov 2020 18:36

Tgt Ion: 114 Resp: 500682
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.749 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019559.D

Acq: 23 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

B3-GW

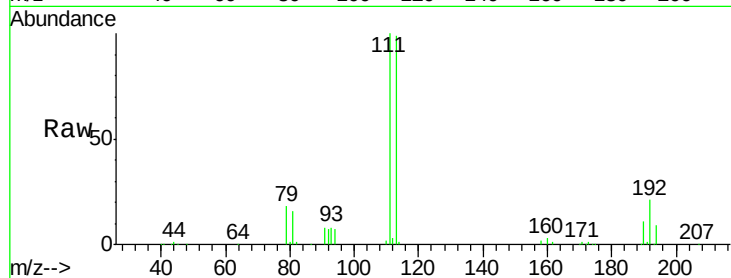
Tot Ion:113 Resp: 146921

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

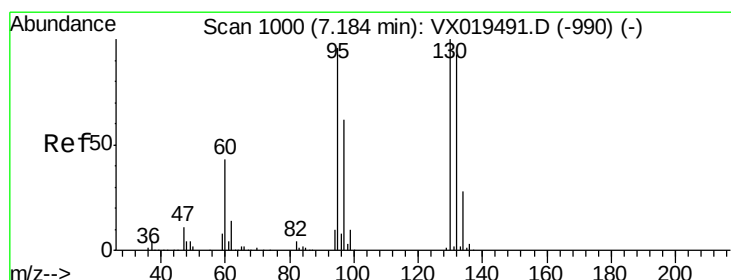
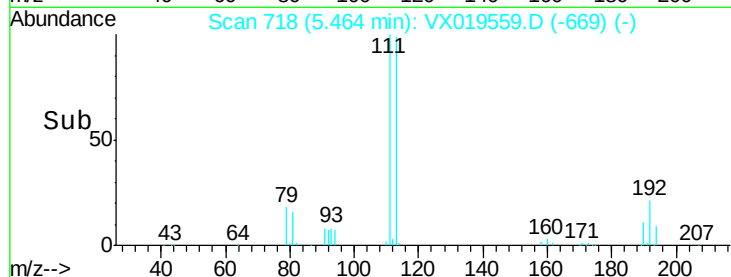
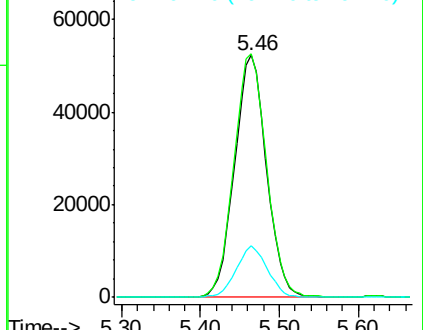
192 20.8 16.2 24.2



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: 4.585 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019559.D

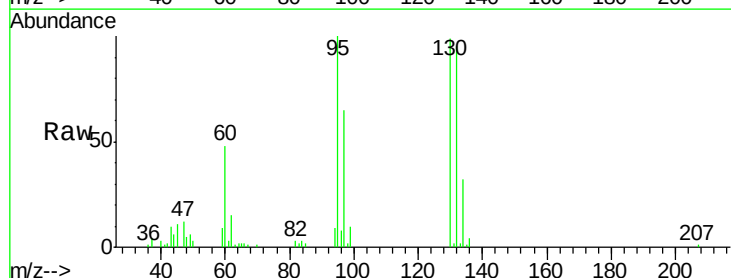
Acq: 23 Nov 2020 18:36

Tgt Ion:130 Resp: 17322

Ion Ratio Lower Upper

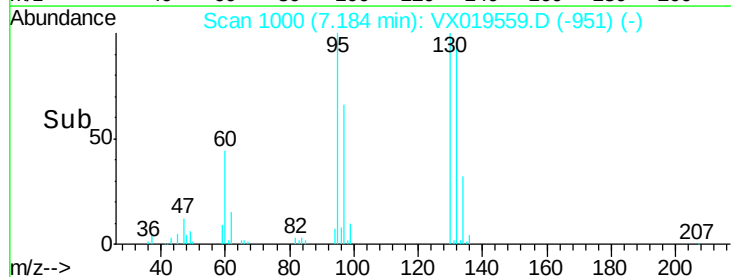
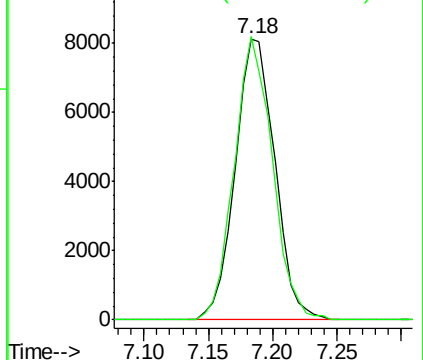
130 100

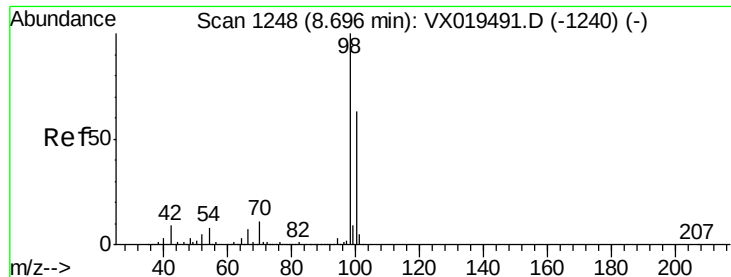
95 100.8 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

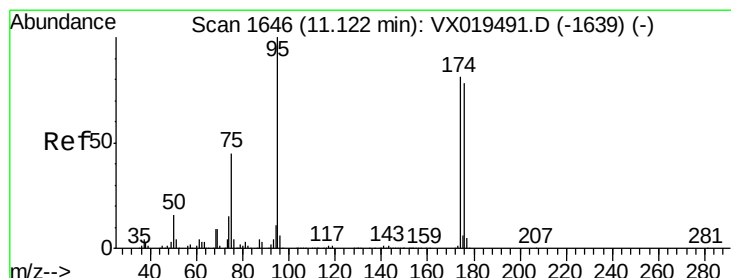
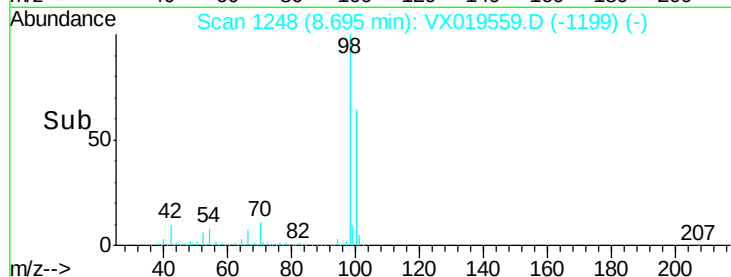
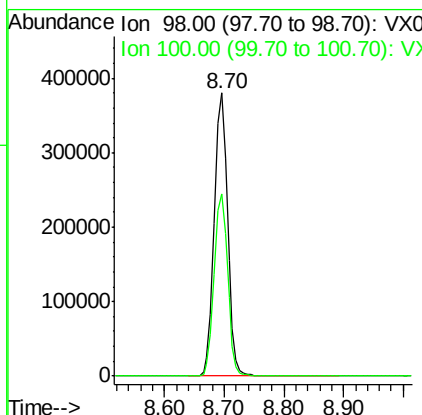
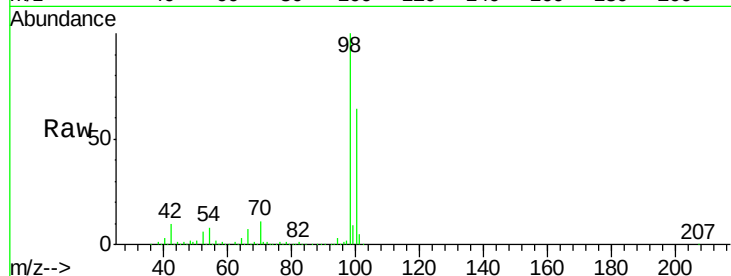




#50
Toluene-d8
Concen: 47.867 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019559.D
Acq: 23 Nov 2020 18:36

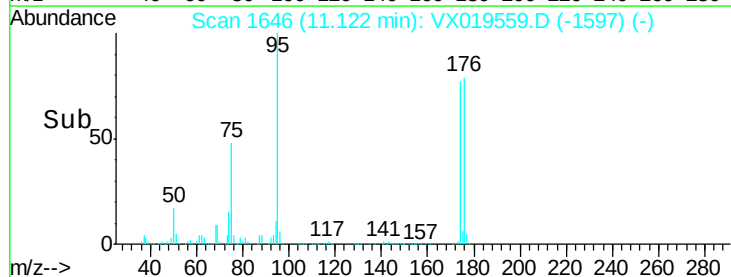
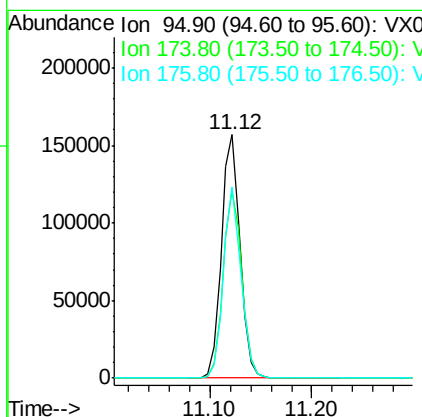
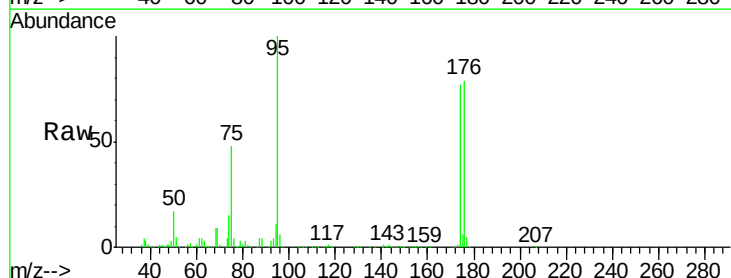
Instrument :
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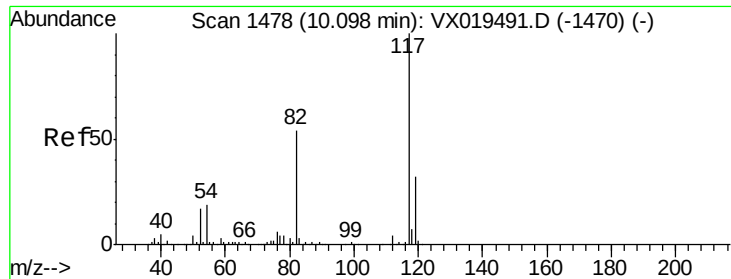
Tot Ion: 98 Resp: 584572
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.338 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019559.D
Acq: 23 Nov 2020 18:36

Tgt Ion: 95 Resp: 199209
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.2
176 74.6 0.0 151.4

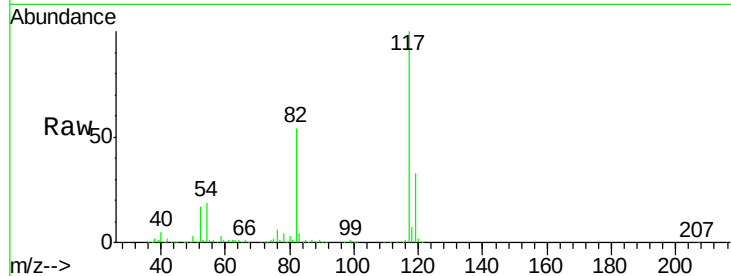




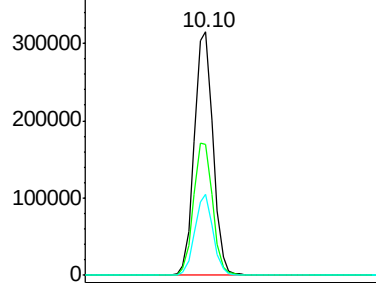
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019559.D
Acq: 23 Nov 2020 18:36

Instrument :
MSVOA_X
ClientSampleId :
B3-GW

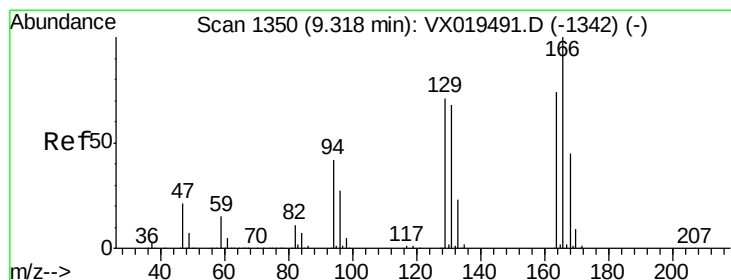
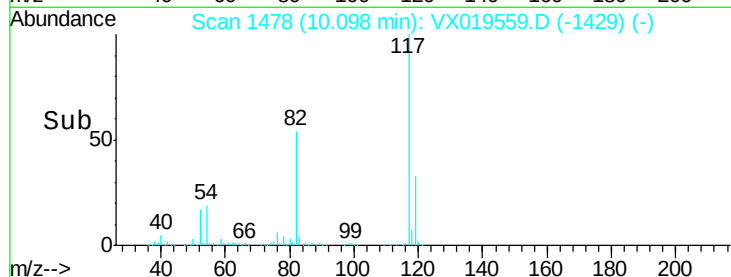
Tot Ion:117 Resp: 434296
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 33.2 25.6 38.4



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

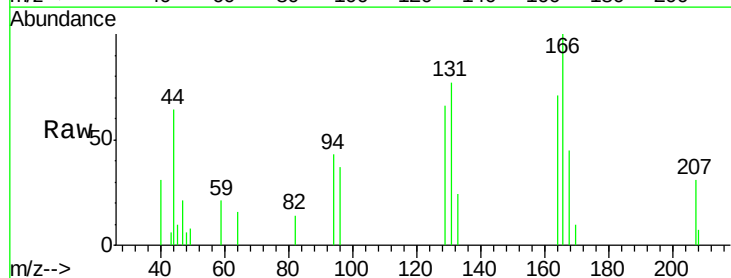


Time-->

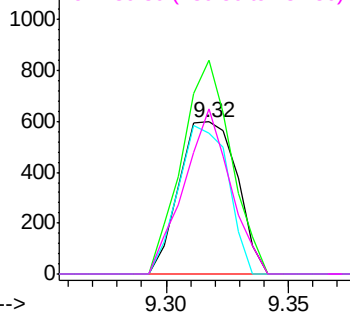


#64
Tetrachloroethene
Concen: 0.289 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019559.D
Acq: 23 Nov 2020 18:36

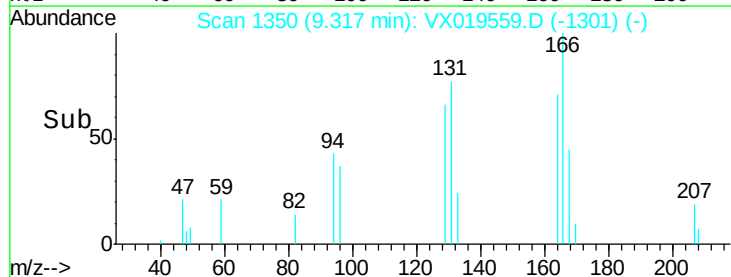
Tgt Ion:164 Resp: 985
Ion Ratio Lower Upper
164 100
166 140.2 107.4 161.0
129 92.8 76.6 114.8
131 108.3 72.6 108.8

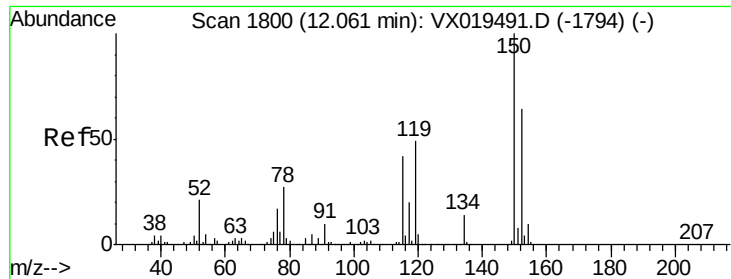


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019559.D

Acq: 23 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

B3-GW

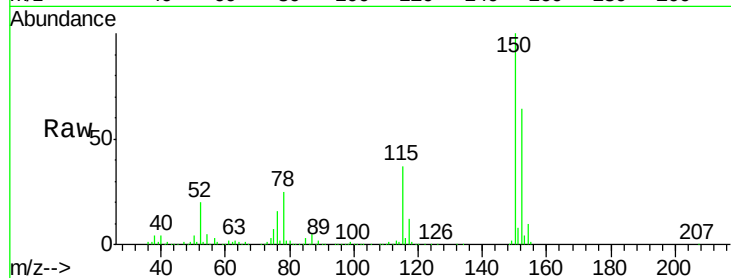
Tot Ion:152 Resp: 179279

Ion Ratio Lower Upper

152 100

115 60.1 41.8 125.4

150 158.5 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

