

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019120.D
 Acq On : 26 Oct 2020 15:32
 Operator : SY/MD
 Sample : L4502-02ME
 Misc : 5.82g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG436ME

Quant Time: Oct 27 07:16:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304016	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302939	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152115	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	146427	53.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.04%
7) Chloroethane-d5	1.58	69	110127	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.08%
11) 1,1-Dichloroethene-d2	2.10	63	239131	46.23	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.46%
21) 2-Butanone-d5	3.92	46	211403	113.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.81%
24) Chloroform-d	4.37	84	302834	62.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.38%#
26) 1,2-Dichloroethane-d4	5.05	65	216149	66.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.12%#
32) Benzene-d6	5.07	84	576428	62.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.42%
36) 1,2-Dichloropropane-d6	6.09	67	180593	60.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.32%#
41) Toluene-d8	7.33	98	535985	64.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.36%#
43) trans-1,3-Dichloropropene-	7.64	79	98050	63.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	127.48%#
47) 2-Hexanone-d5	8.12	63	49858	38.20	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	38.20%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	242832	60.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.58%#
64) 1,2-Dichlorobenzene-d4	11.65	152	227109	71.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	142.36%#

Target Compounds

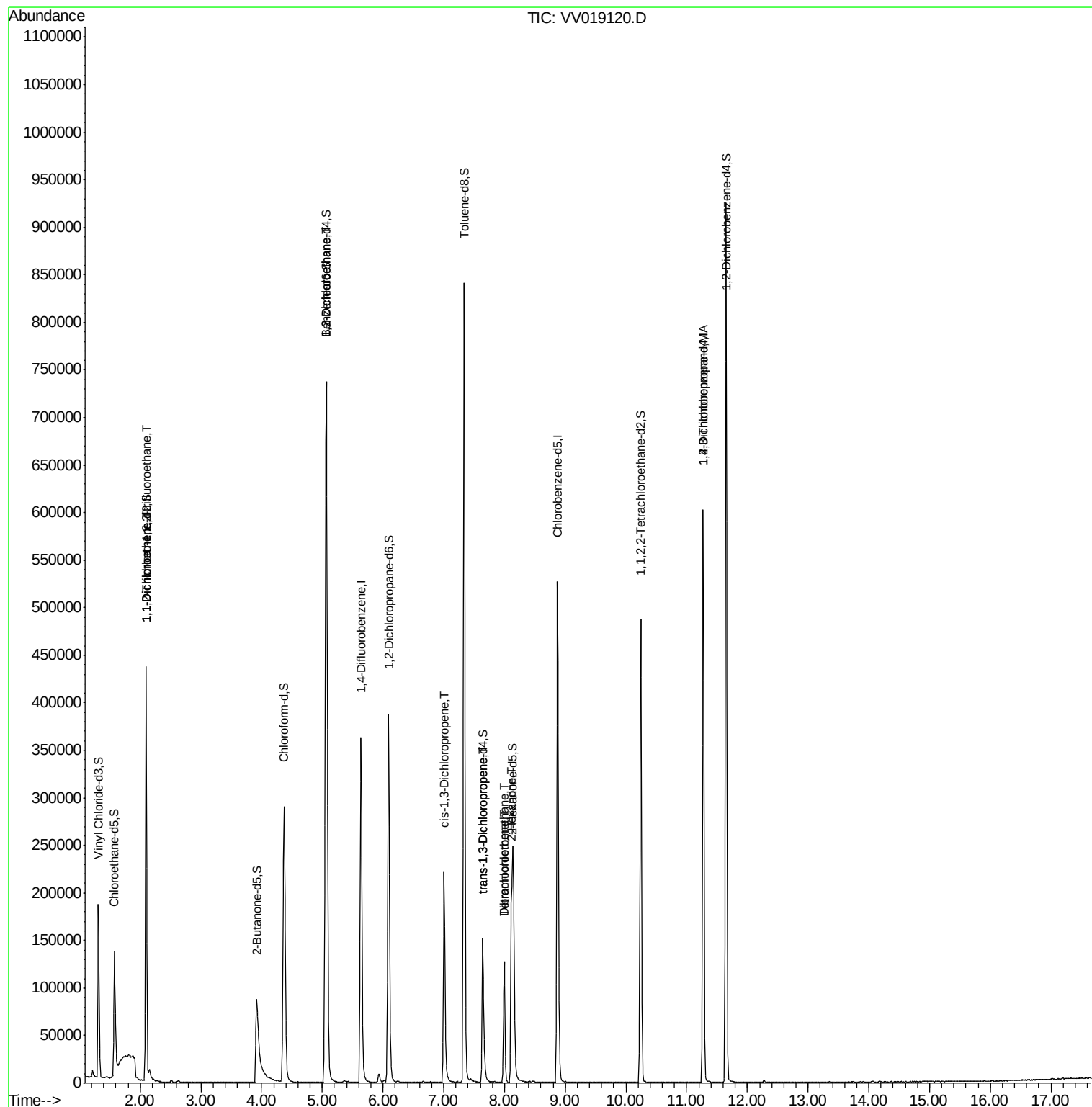
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	2020	0.995	ug/L #	21
12) 1,1-Dichloroethene	2.10	96	1775	0.874	ug/L #	1
27) 1,2-Dichloroethane	5.07	62	3963	1.119	ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	6095	1.615	ug/L #	79
44) trans-1,3-Dichloropropene	7.64	75	4797	1.281	ug/L	89
46) Tetrachloroethene	8.00	164	28641	15.926	ug/L	99
48) 2-Hexanone	8.11	43	6279	2.362	ug/L #	42
49) Dibromochloromethane	8.00	129	25850	10.488	ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	17990	6.026	ug/L #	87

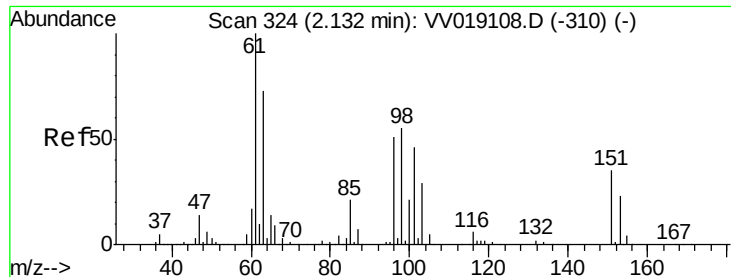
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 27 07:08:20 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.995 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV019120.D

Acq: 26 Oct 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

BG436ME

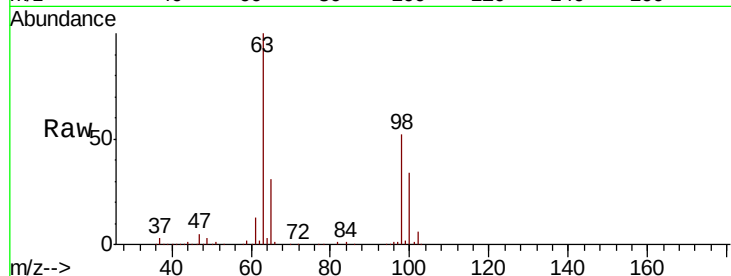
Tot Ion:101 Resp: 2020

Ion Ratio Lower Upper

101 100

85 2.4 36.9 55.3#

151 0.0 58.2 87.2#

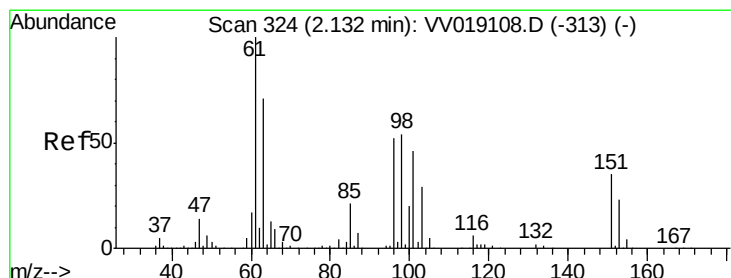
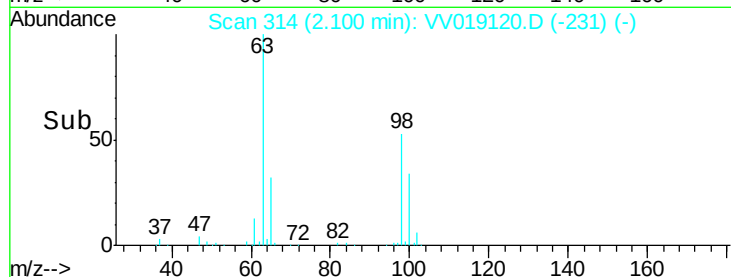
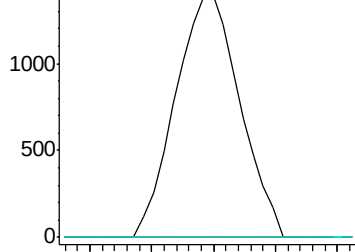


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.10



#12

1,1-Dichloroethene

Concen: 0.874 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV019120.D

Acq: 26 Oct 2020 15:32

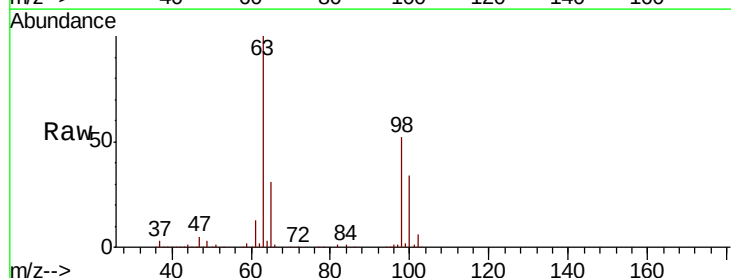
Tgt Ion: 96 Resp: 1775

Ion Ratio Lower Upper

96 100

61 1735.3 138.7 257.7#

63 13400.6 126.3 234.6#

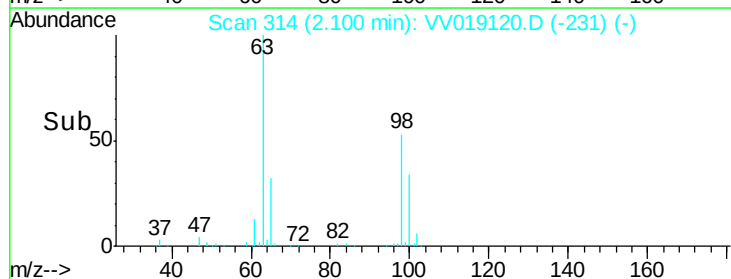
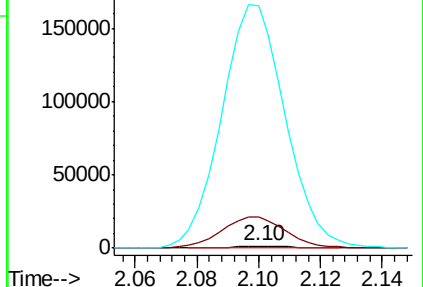


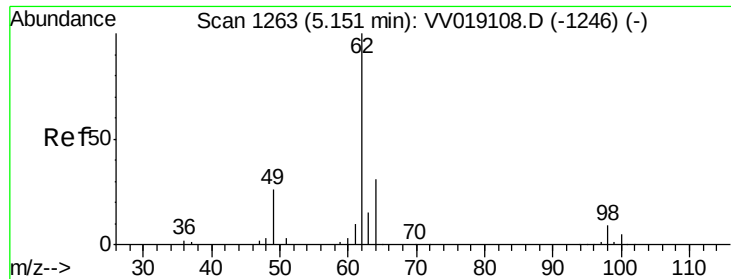
Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

2.10

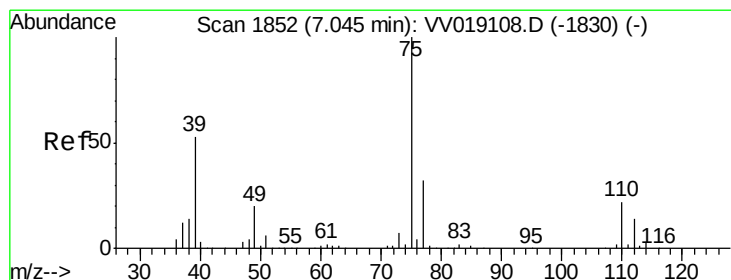
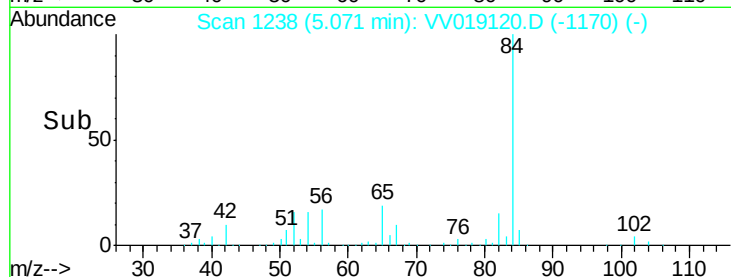
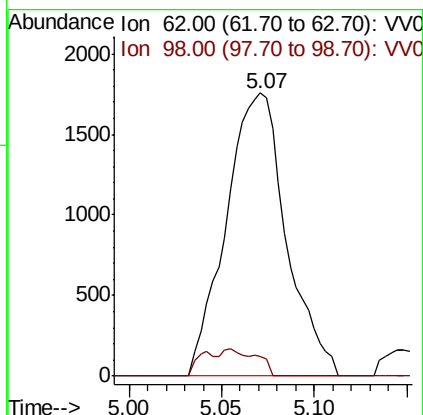
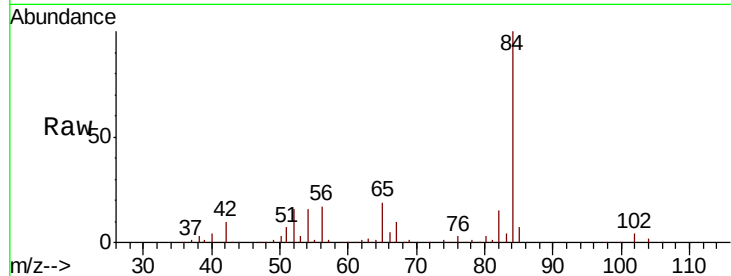




#27
 1,2-Dichloroethane
 Concen: 1.119 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV019120.D
 Acq: 26 Oct 2020 15:32

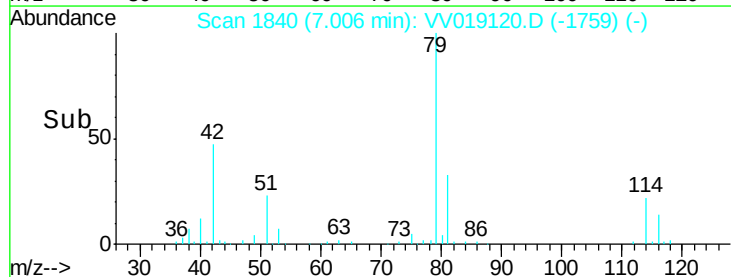
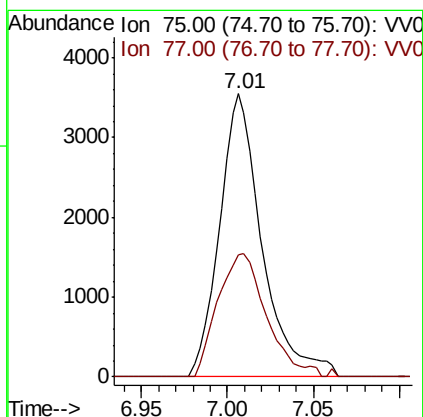
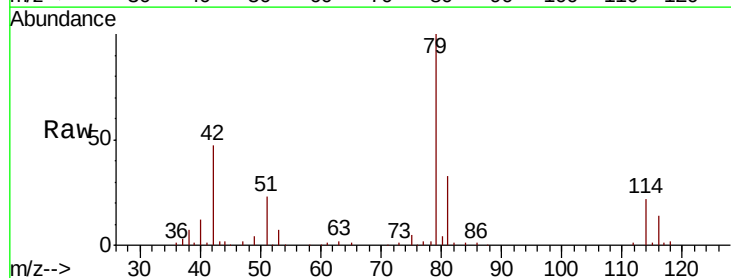
Instrument :
 MSVOA_V
 ClientSampleId :
 BG436ME

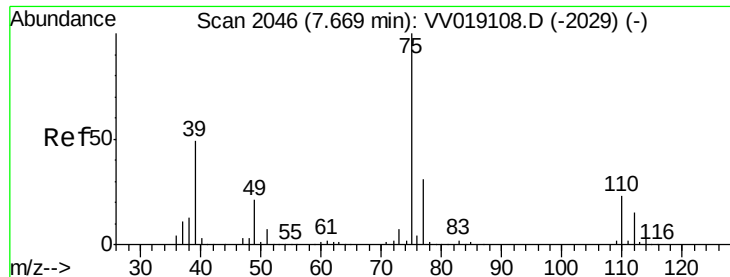
Tot Ion: 62 Resp: 3963
 Ion Ratio Lower Upper
 62 100
 98 7.1 6.9 10.3



#39
 cis-1,3-Dichloropropene
 Concen: 1.615 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019120.D
 Acq: 26 Oct 2020 15:32

Tgt Ion: 75 Resp: 6095
 Ion Ratio Lower Upper
 75 100
 77 43.3 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 1.281 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019120.D

Acq: 26 Oct 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

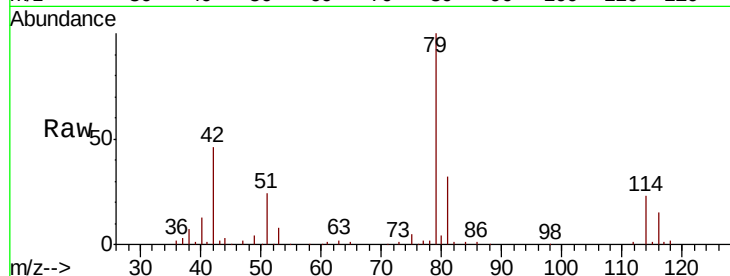
BG436ME

Tot Ion: 75 Resp: 4797

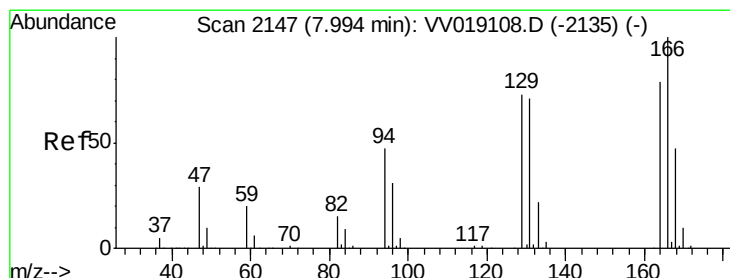
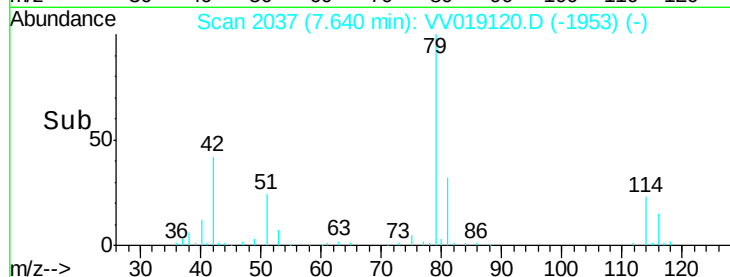
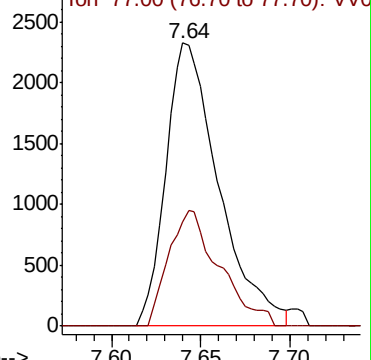
Ion Ratio Lower Upper

75 100

77 36.9 21.5 39.9



Abundance Ion 75.00 (74.70 to 75.70): VV019120.D (-1953) (-)



#46

Tetrachloroethene

Concen: 15.926 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019120.D

Acq: 26 Oct 2020 15:32

Tgt Ion: 164 Resp: 28641

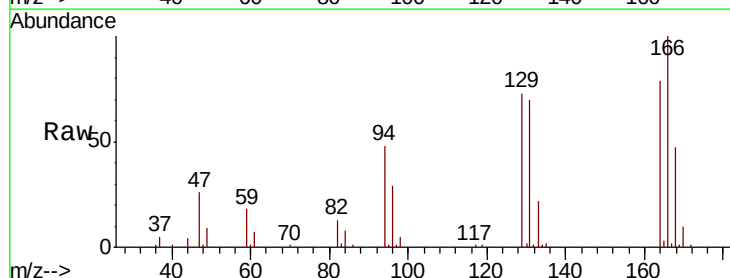
Ion Ratio Lower Upper

164 100

129 92.4 65.5 121.6

131 89.4 62.4 115.8

166 127.3 90.0 167.2

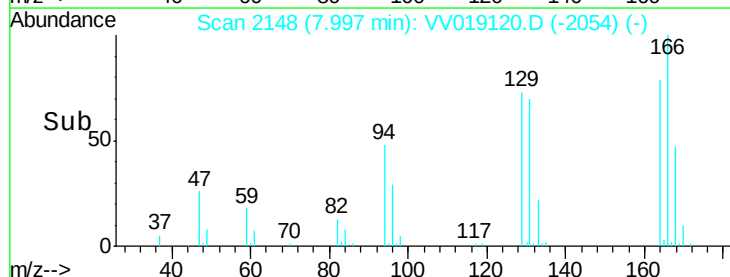


Abundance Ion 164.00 (163.70 to 164.70): VV019120.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019120.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019120.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019120.D (-2054) (-)



Abundance Ion 164.00 (163.70 to 164.70): VV019120.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019120.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019120.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019120.D (-2054) (-)

Abundance Ion 164.00 (163.70 to 164.70): VV019120.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019120.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019120.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019120.D (-2054) (-)

Abundance Ion 164.00 (163.70 to 164.70): VV019120.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019120.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019120.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV019120.D (-2054) (-)

Abundance Ion 164.00 (163.70 to 164.70): VV019120.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019120.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019120.D (-2054) (-)

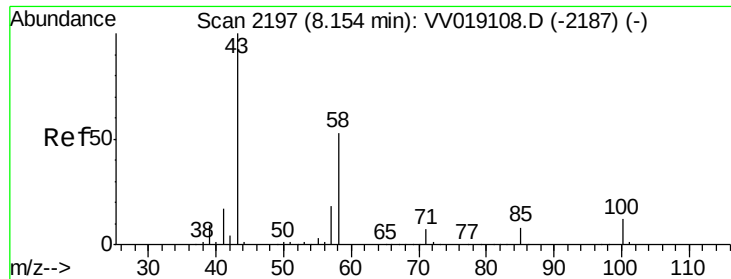
Ion 166.00 (165.70 to 166.70): VV019120.D (-2054) (-)

Abundance Ion 164.00 (163.70 to 164.70): VV019120.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV019120.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV019120.D (-2054) (-)

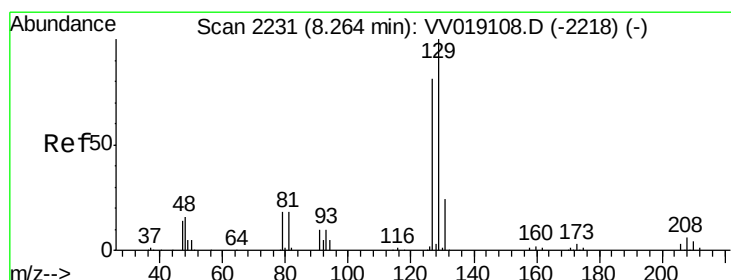
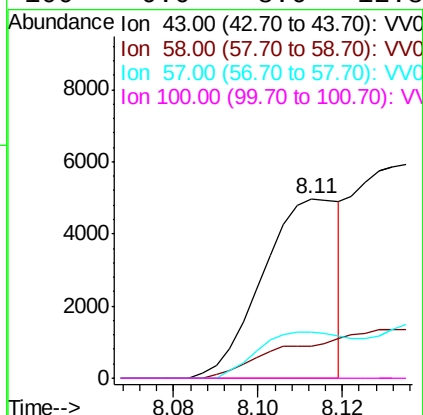
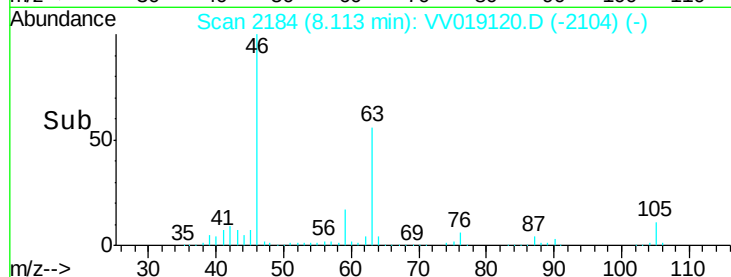
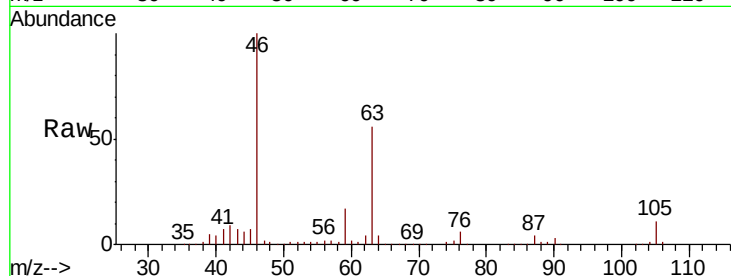
Ion 166.00 (165.70 to 166.70): VV019120.D (-2054) (-)



#48
2-Hexanone
Concen: 2.362 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.04 min
Lab File: VV019120.D
Acq: 26 Oct 2020 15:32

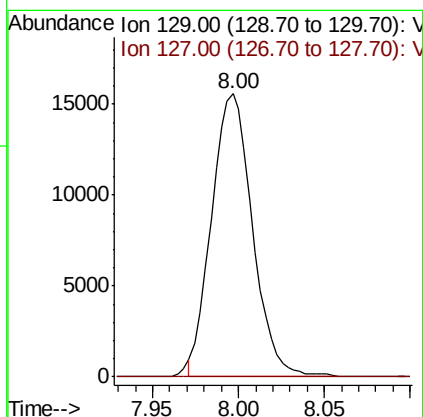
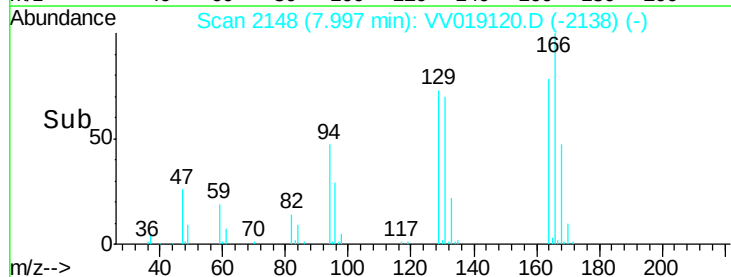
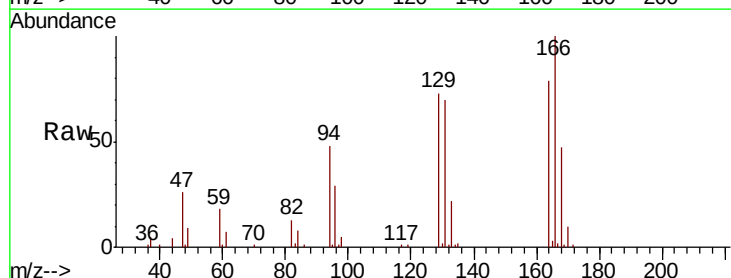
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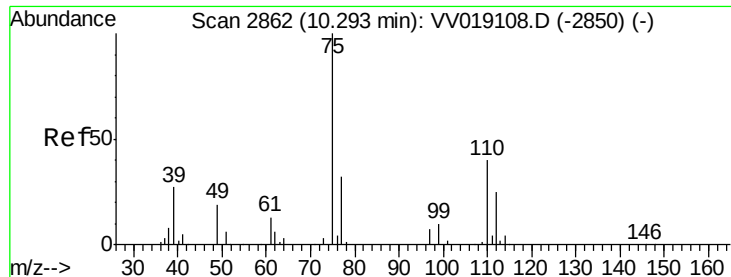
Tot Ion: 43 Resp: 6279
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
57 33.3 14.7 22.1#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 10.488 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV019120.D
Acq: 26 Oct 2020 15:32

Tgt Ion: 129 Resp: 25850
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59

1,2,3-Trichloropropane

Concen: 6.026 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019120.D

Acq: 26 Oct 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

BG436ME

Tot Ion: 75 Resp: 17990

Ion Ratio Lower Upper

75 100

77 39.7 25.9 38.9#

