

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018204.D
 Acq On : 14 Sep 2020 15:28
 Operator : SY/MD
 Sample : L4012-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWR2

Quant Time: Sep 15 05:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:21:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	296607	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294816	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95474	39.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	89915	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.92%
11) 1,1-Dichloroethene-d2	2.13	63	146931	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.28%
21) 2-Butanone-d5	3.91	46	151232	102.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.22%
24) Chloroform-d	4.38	84	203384	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.06	65	135010	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
32) Benzene-d6	5.08	84	403090	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
36) 1,2-Dichloropropane-d6	6.10	67	132022	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.34	98	354034	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	7.64	79	64423	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.56%
47) 2-Hexanone-d5	8.11	63	116430	114.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180435	53.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	156498	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%

Target Compounds

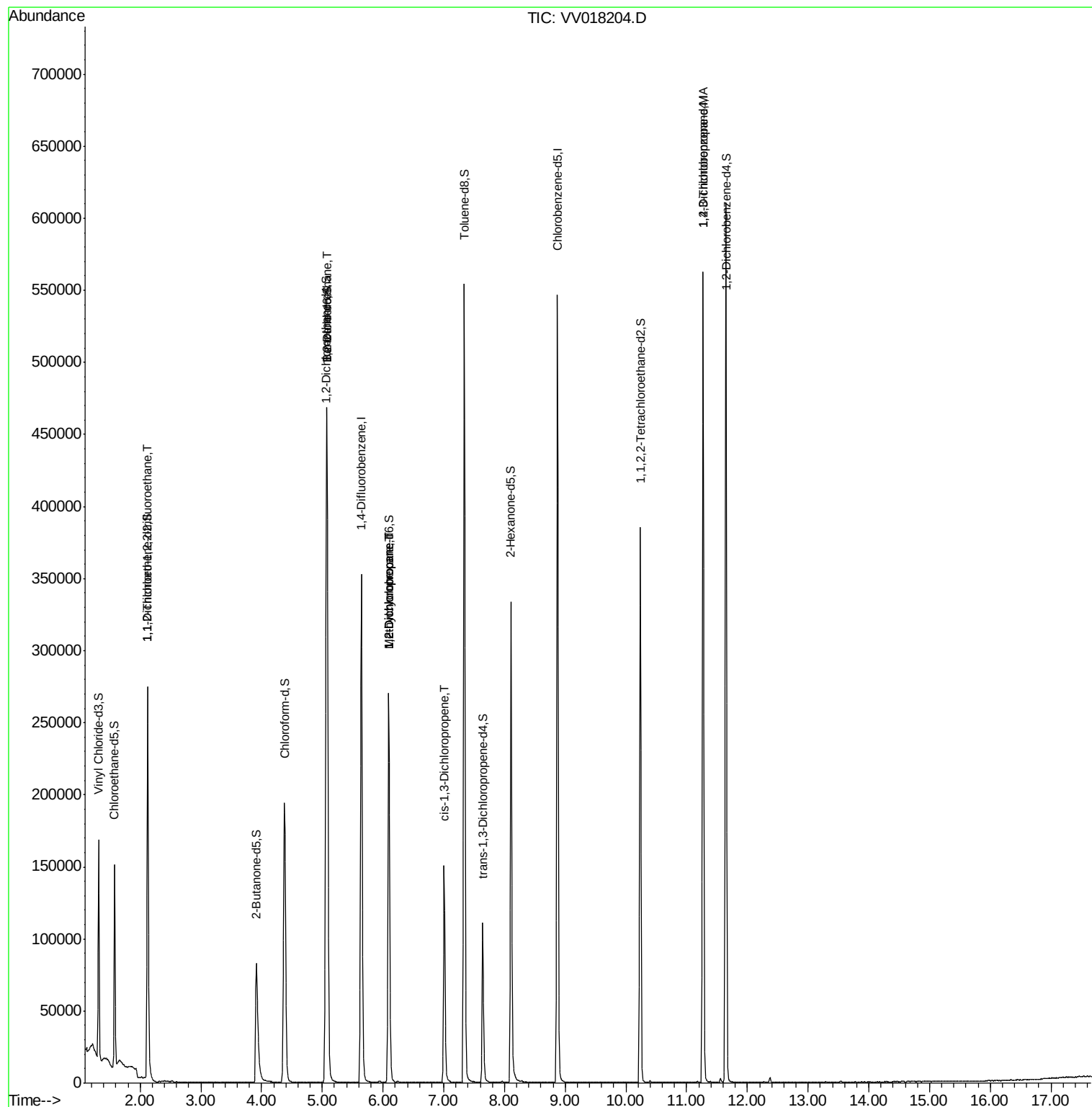
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1339	0.669 ug/L #	19
27) 1,2-Dichloroethane	5.07	62	2361	0.791 ug/L #	74
35) Methylcyclohexane	6.09	83	31099	8.995 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	14111	6.318 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3512	1.020 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	15960	6.075 ug/L	91

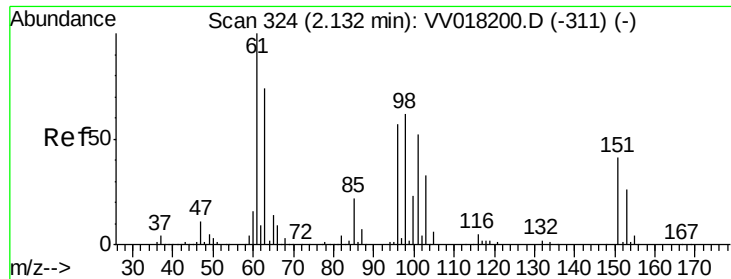
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091420\
Data File : VV018204.D
Acq On : 14 Sep 2020 15:28
Operator : SY/MD
Sample : L4012-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFWR2

Quant Time: Sep 15 05:28:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 15 05:21:42 2020
Response via : Initial Calibration





#10

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

Concen: 0.669 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018204.D

Acq: 14 Sep 2020 15:28

Instrument :

MSVOA_V

ClientSampled :

BFWR2

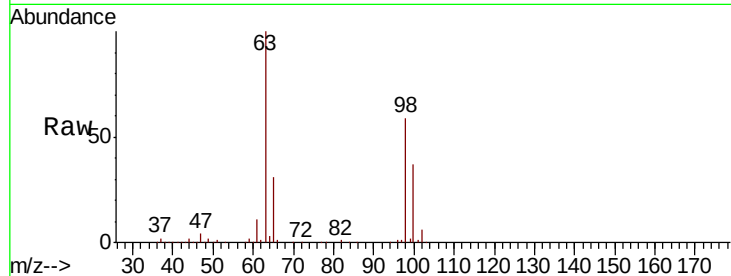
Tot Ion:101 Resp: 1339

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

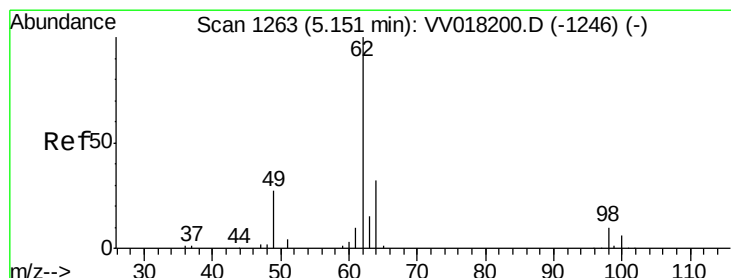
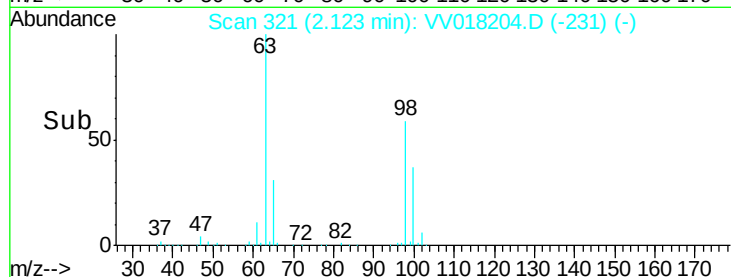
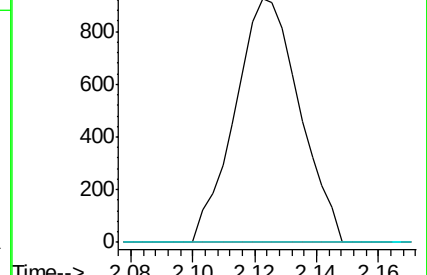
151 0.0 62.2 93.2#



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



#27

1,2-Dichloroethane

Concen: 0.791 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018204.D

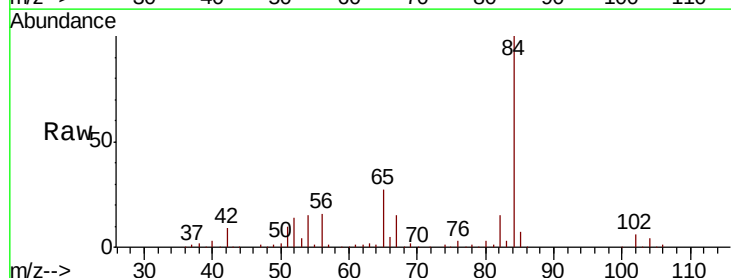
Acq: 14 Sep 2020 15:28

Tgt Ion: 62 Resp: 2361

Ion Ratio Lower Upper

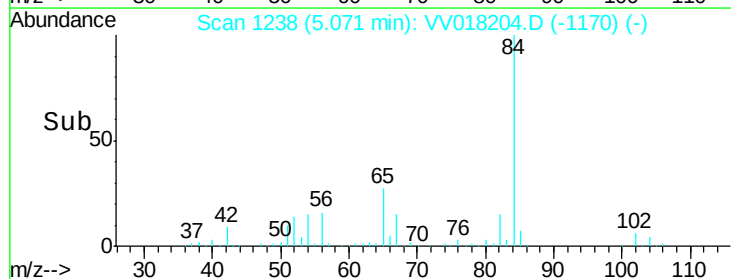
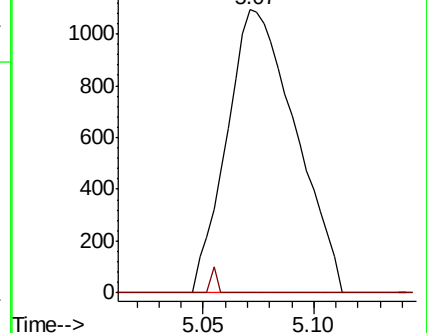
62 100

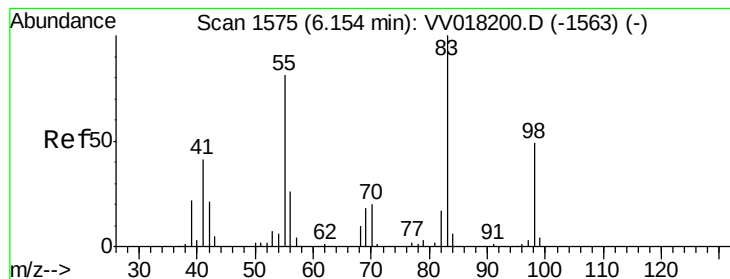
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#35

Methylvlcyclohexane

Concen: 8.995 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018204.D

Acq: 14 Sep 2020 15:28

Instrument :

MSVOA_V

ClientSampleId :

BFWR2

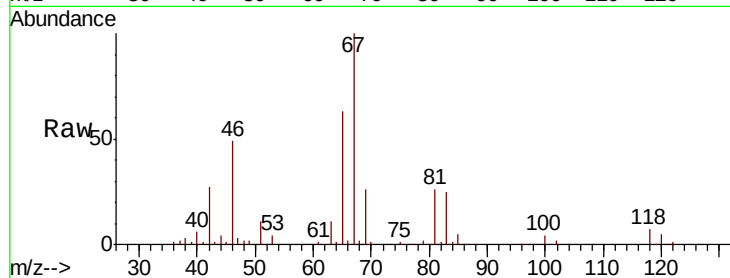
Tot Ion: 83 Resp: 31099

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

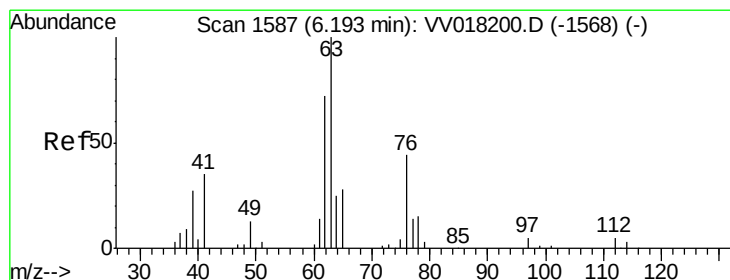
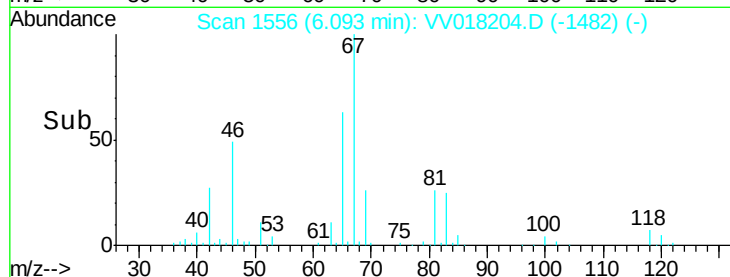
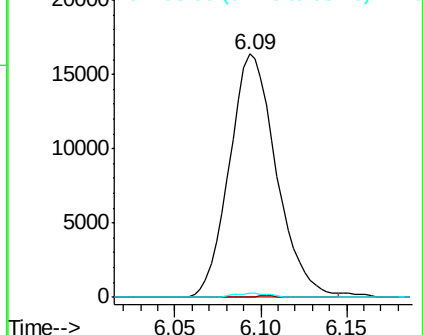
98 1.2 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#37

1,2-Dichloropropane

Concen: 6.318 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018204.D

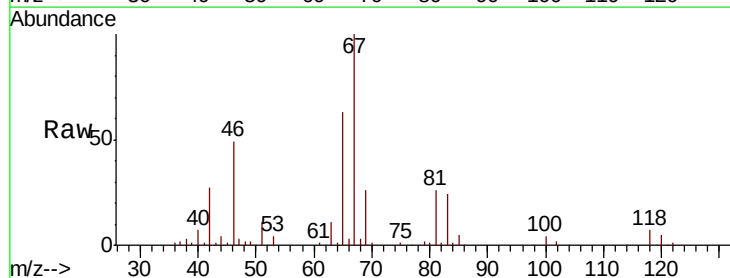
Acq: 14 Sep 2020 15:28

Tgt Ion: 63 Resp: 14111

Ion Ratio Lower Upper

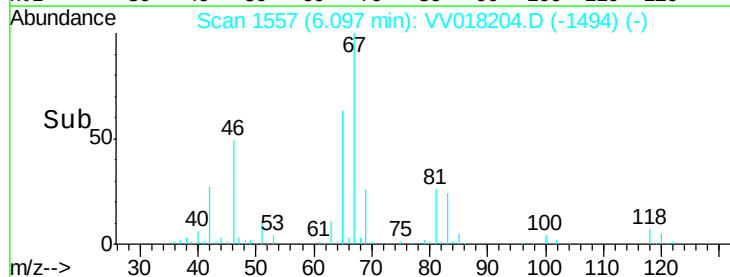
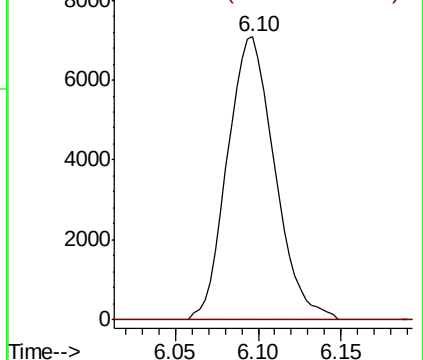
63 100

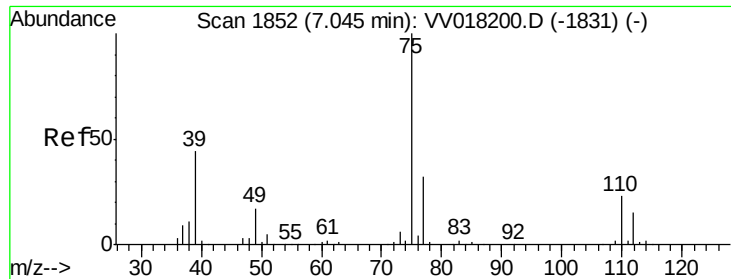
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



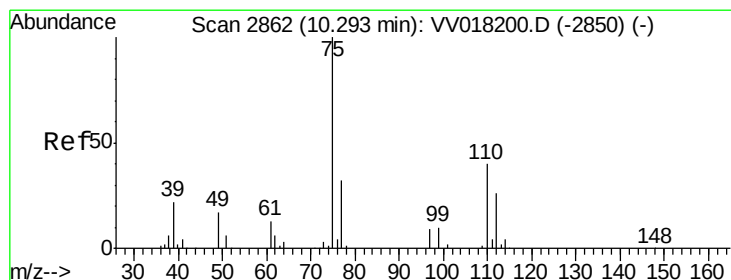
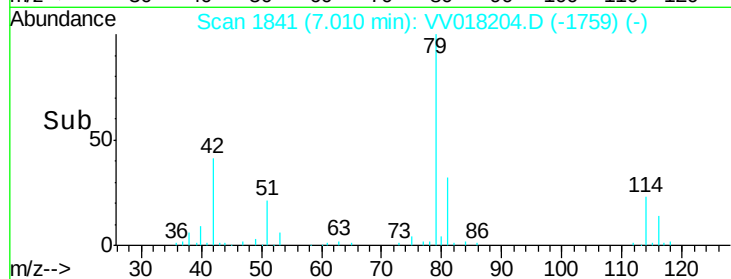
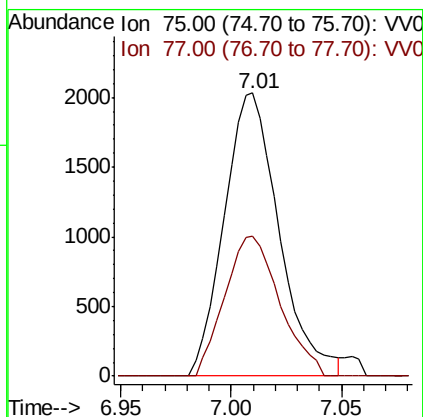
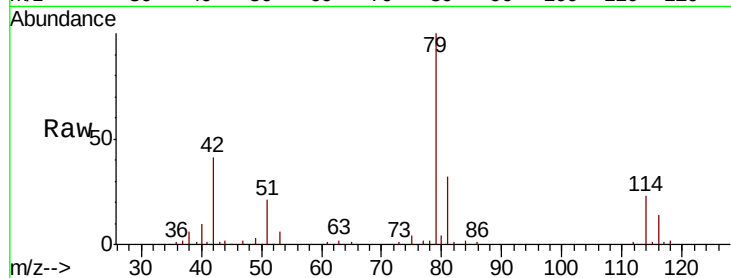


#39

cis-1,3-Dichloropropene
Concen: 1.020 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018204.D
Acq: 14 Sep 2020 15:28

Instrument :
MSVOA_V
ClientSampleId :
BFWR2

Tot Ion: 75 Resp: 3512
Ion Ratio Lower Upper
75 100
77 49.4 22.3 41.3#



#59

1,2,3-Trichloropropane
Concen: 6.075 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018204.D
Acq: 14 Sep 2020 15:28

Tgt Ion: 75 Resp: 15960
Ion Ratio Lower Upper
75 100
77 37.0 25.8 38.6

