

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018251.D
 Acq On : 16 Sep 2020 21:49
 Operator : SY/MD
 Sample : L4042-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:35:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305260	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303240	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144620	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96115	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.28%
7) Chloroethane-d5	1.58	69	79725	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.32%
11) 1,1-Dichloroethene-d2	2.12	63	141417	30.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.98%
21) 2-Butanone-d5	3.92	46	120478	79.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.12%
24) Chloroform-d	4.38	84	172628	39.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.98%
26) 1,2-Dichloroethane-d4	5.06	65	113887	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.32%
32) Benzene-d6	5.08	84	346348	39.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.09	67	110952	40.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.44%
41) Toluene-d8	7.34	98	312570	39.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.02%#
43) trans-1,3-Dichloropropene-	7.64	79	52418	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
47) 2-Hexanone-d5	8.11	63	87933	84.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	145216	41.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	131055	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%

Target Compounds

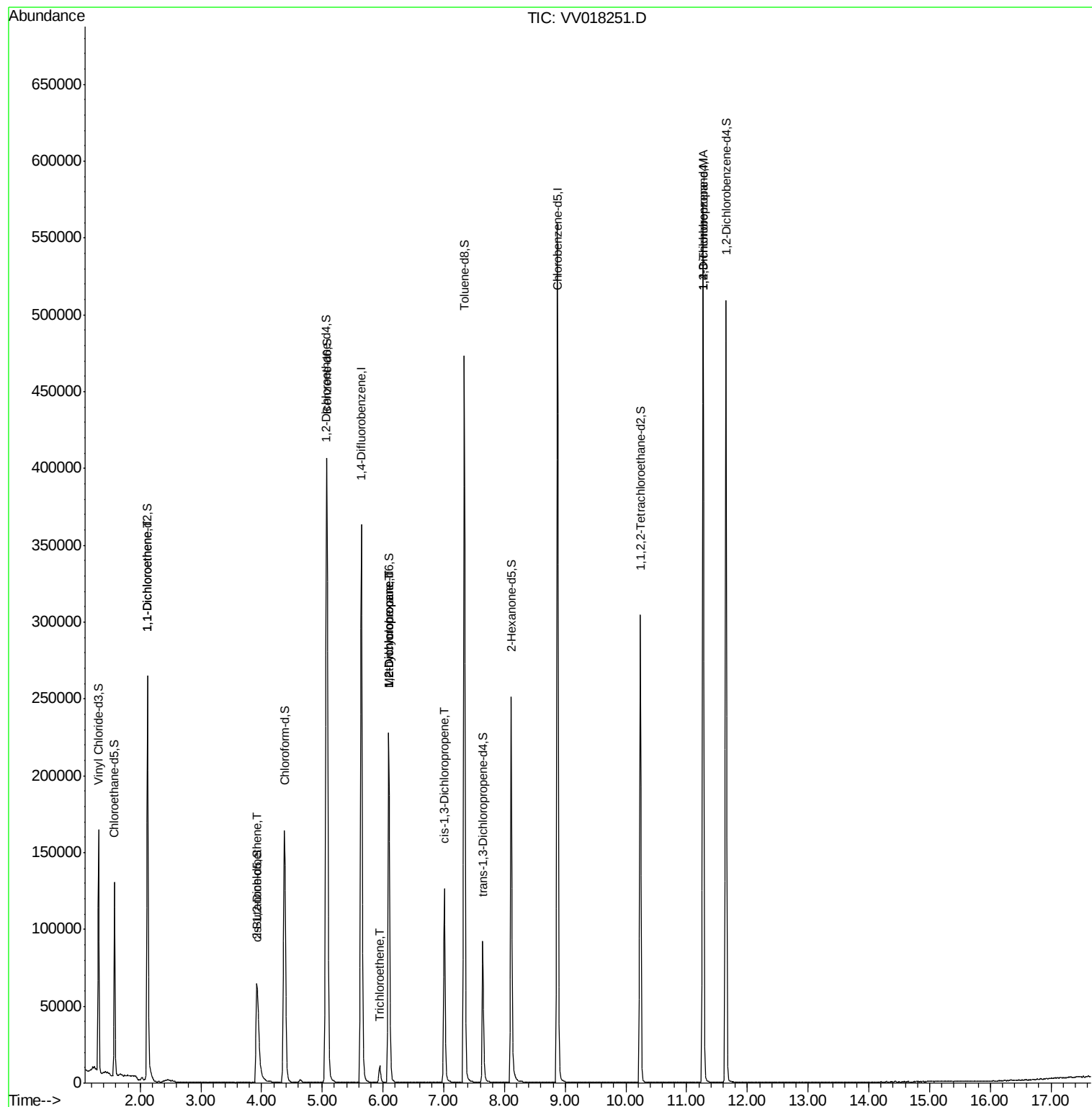
					Ovalue
12) 1,1-Dichloroethene	2.13	96	3827	1.909 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	2973	1.346 ug/L	96
34) Trichloroethene	5.95	95	3836	1.624 ug/L	98
35) Methylcyclohexane	6.09	83	26679	7.502 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	11995	5.221 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2919	0.825 ug/L #	57
59) 1,2,3-Trichloropropane	11.27	75	16553	6.126 ug/L	94

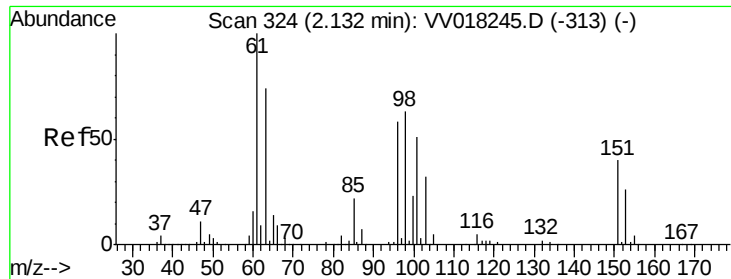
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 17 05:33:55 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.909 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018251.D

Acq: 16 Sep 2020 21:49

Instrument :
MSVOA_V
ClientSampleId :

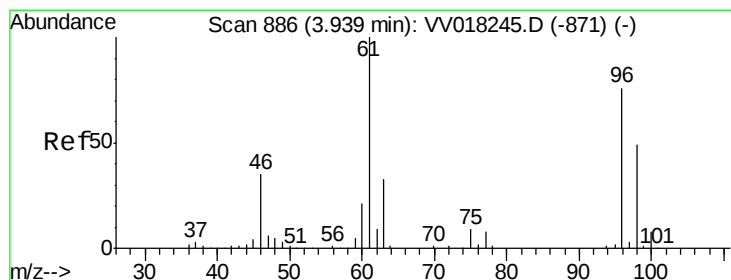
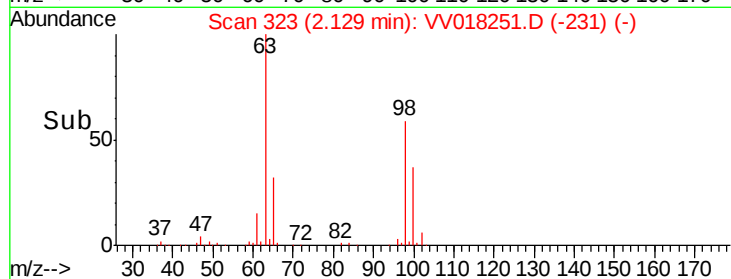
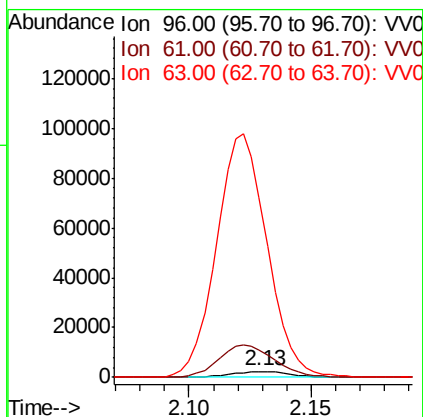
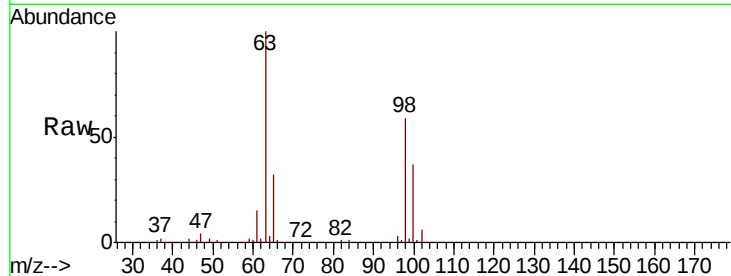
Tot Ion: 96 Resp: 3827

Ion Ratio Lower Upper

96 100

61 482.1 122.9 228.3#

63 3153.8 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 1.346 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018251.D

Acq: 16 Sep 2020 21:49

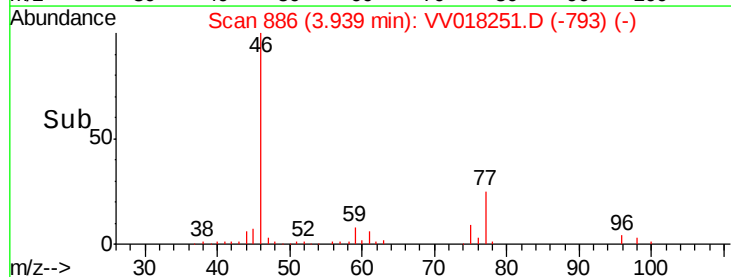
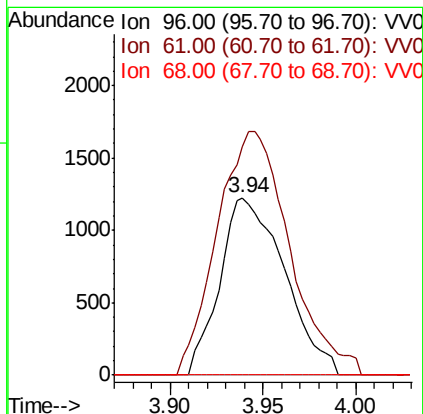
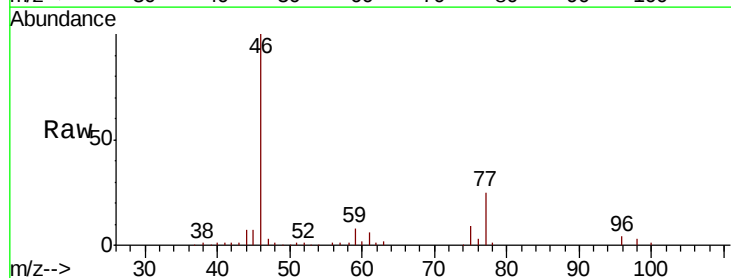
Tgt Ion: 96 Resp: 2973

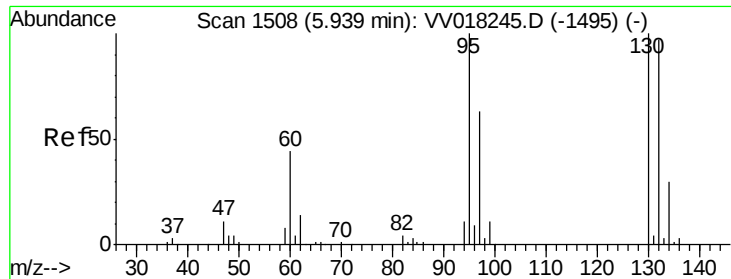
Ion Ratio Lower Upper

96 100

61 128.5 93.6 173.8

68 0.0 0.0 0.0

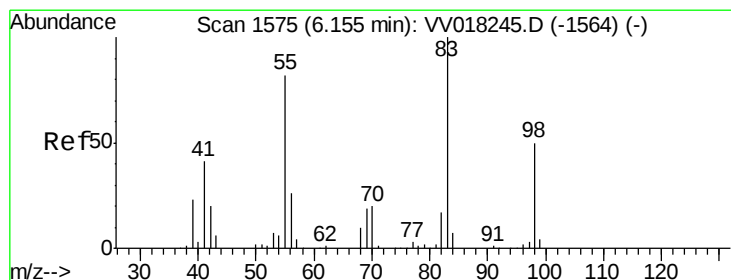
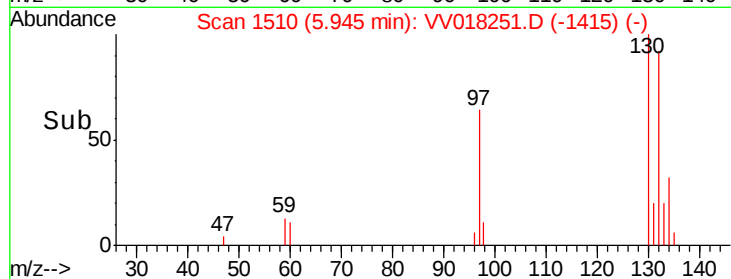
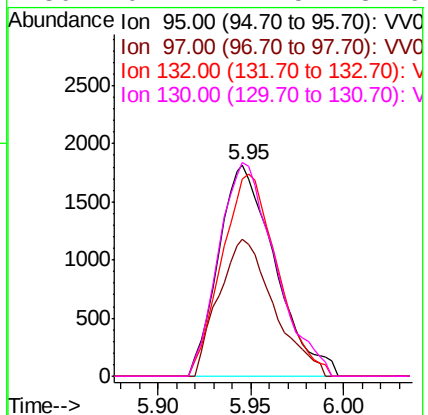
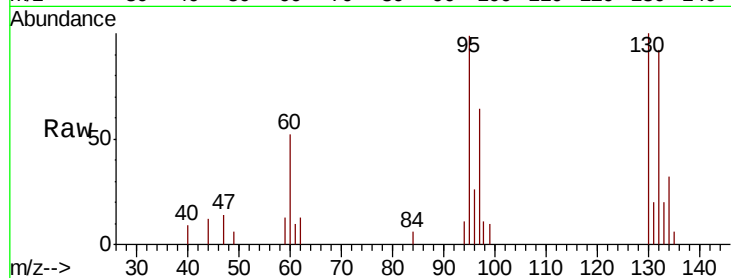




#34
 Trichloroethene
 Concen: 1.624 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV018251.D
 Acq: 16 Sep 2020 21:49

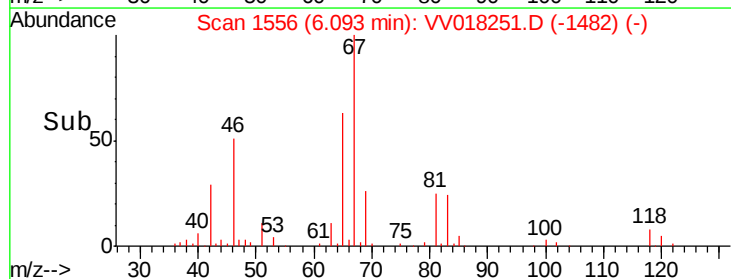
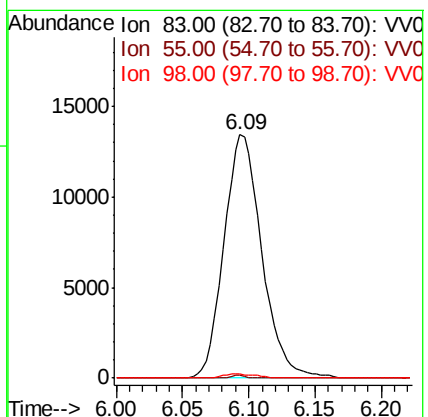
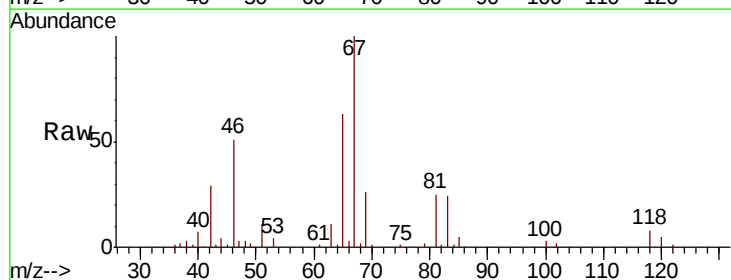
Instrument :
 MSVOA_V
 ClientSampleId :

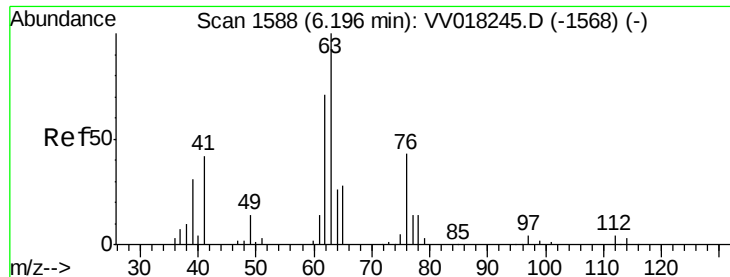
Tot Ion: 95 Resp: 3836
 Ion Ratio Lower Upper
 95 100
 97 64.6 46.3 85.9
 132 93.3 68.1 126.5
 130 101.1 71.5 132.9



#35
 Methylcyclohexane
 Concen: 7.502 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018251.D
 Acq: 16 Sep 2020 21:49

Tgt Ion: 83 Resp: 26679
 Ion Ratio Lower Upper
 83 100
 55 0.4 63.4 95.2#
 98 1.5 38.8 58.2#

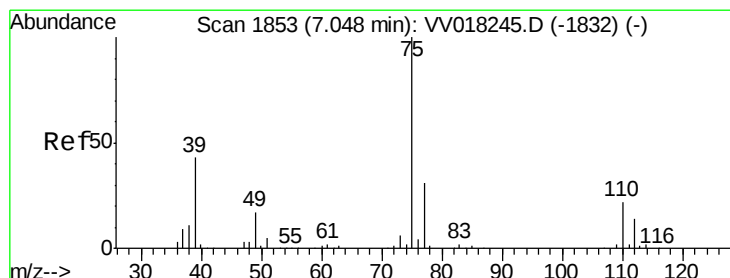
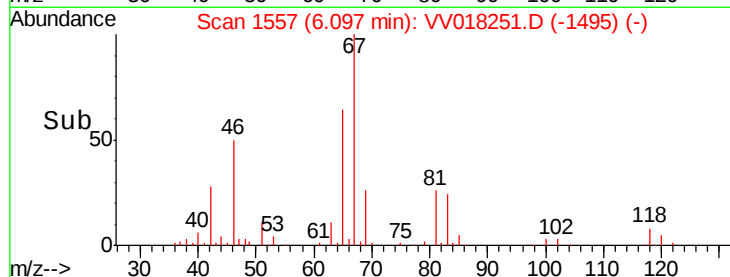
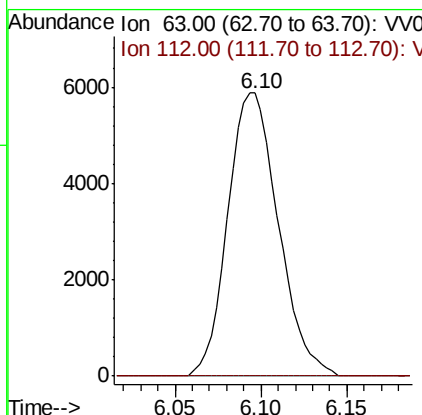
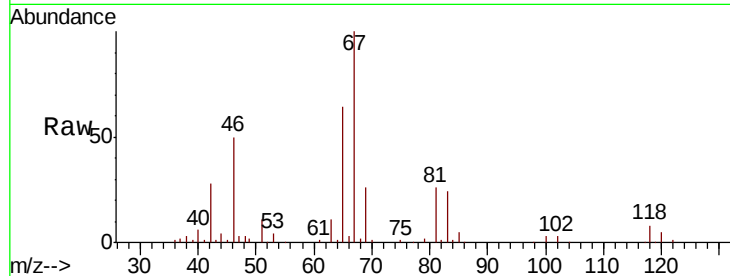




#37
 1,2-Dichloropropane
 Concen: 5.221 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV018251.D
 Acq: 16 Sep 2020 21:49

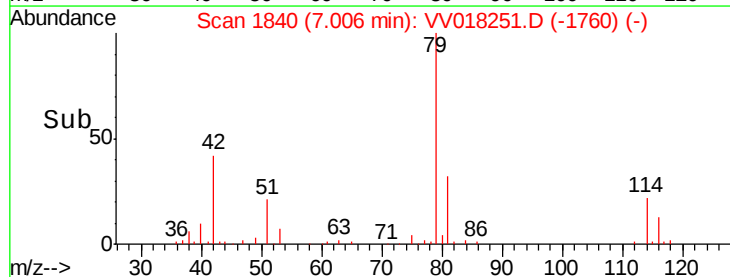
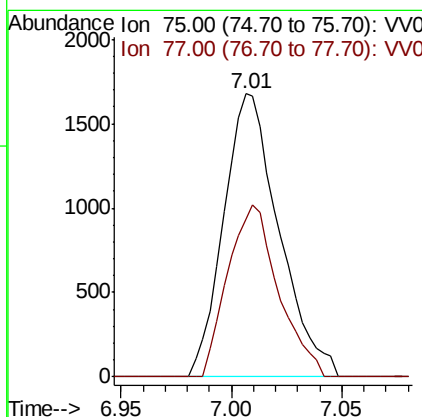
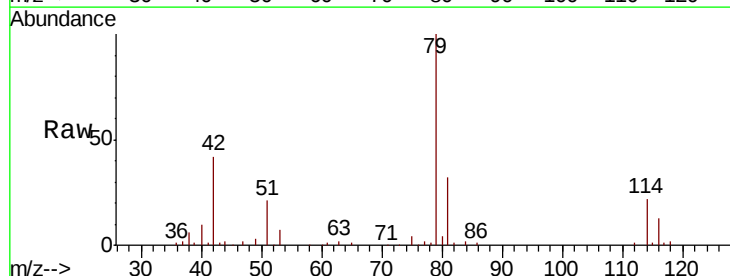
Instrument :
 MSVOA_V
 ClientSampleId :

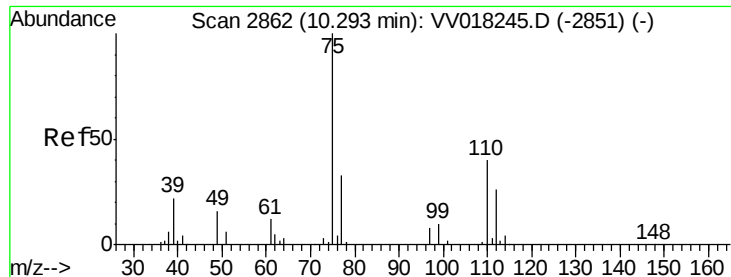
Tot Ion: 63 Resp: 11995
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.825 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018251.D
 Acq: 16 Sep 2020 21:49

Tgt Ion: 75 Resp: 2919
 Ion Ratio Lower Upper
 75 100
 77 55.8 22.3 41.3#





#59
 1,2,3-Trichloropropane
 Concen: 6.126 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018251.D
 Acq: 16 Sep 2020 21:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 16553
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.8 38.6

