

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018261.D
 Acq On : 17 Sep 2020 01:35
 Operator : SY/MD
 Sample : L4042-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:36:39 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	285168	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	281449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135051	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91119	39.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.42%
7) Chloroethane-d5	1.58	69	74946	39.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.82%
11) 1,1-Dichloroethene-d2	2.12	63	132347	31.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.10%
21) 2-Butanone-d5	3.92	46	115341	81.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.08%
24) Chloroform-d	4.38	84	162510	40.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.06	65	108854	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
32) Benzene-d6	5.08	84	330203	40.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.96%
36) 1,2-Dichloropropane-d6	6.09	67	105972	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.78%
41) Toluene-d8	7.34	98	292402	39.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.64%#
43) trans-1,3-Dichloropropene-	7.64	79	49438	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
47) 2-Hexanone-d5	8.11	63	82579	85.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140093	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	123777	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%

Target Compounds

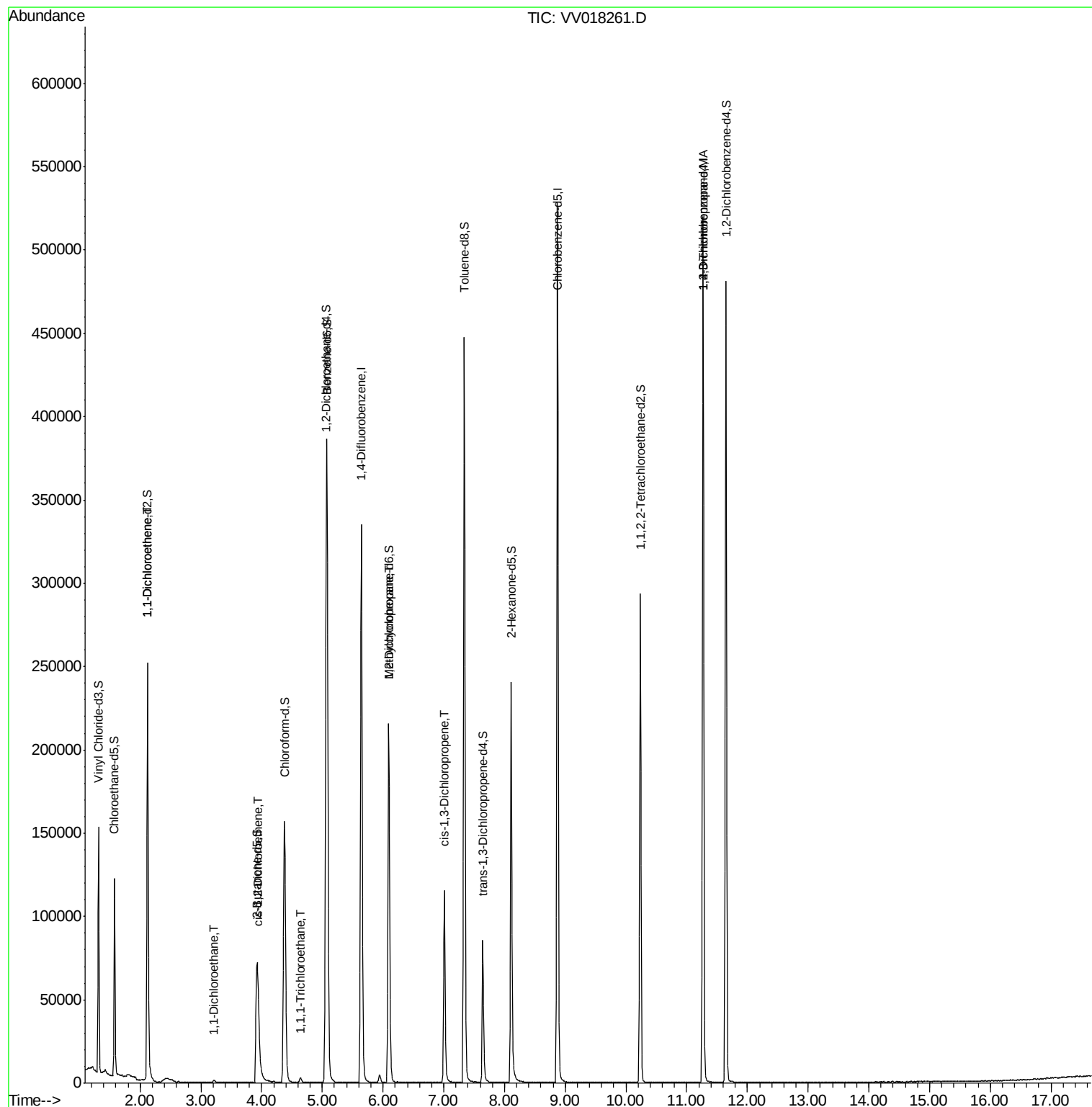
					Ovalue
12) 1,1-Dichloroethene	2.13	96	5097	2.722 ug/L #	1
19) 1,1-Dichloroethane	3.21	63	2383	0.653 ug/L	90
20) cis-1,2-Dichloroethene	3.95	96	8489	4.115 ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	2566	0.786 ug/L #	90
35) Methylcyclohexane	6.09	83	25247	7.649 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	2737	0.833 ug/L #	58
59) 1,2,3-Trichloropropane	11.27	75	15297	6.099 ug/L	92

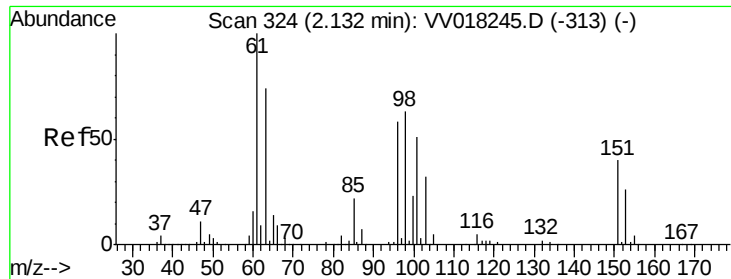
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.722 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018261.D

Acq: 17 Sep 2020 01:35

Instrument :
MSVOA_V
ClientSampled :

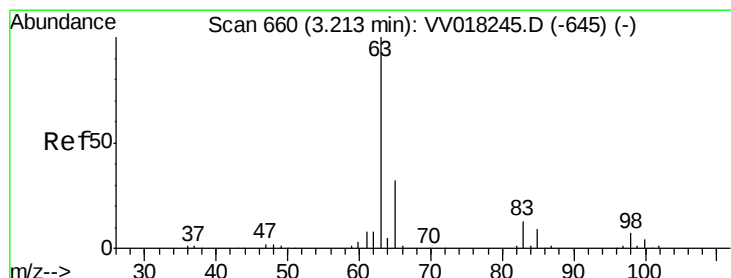
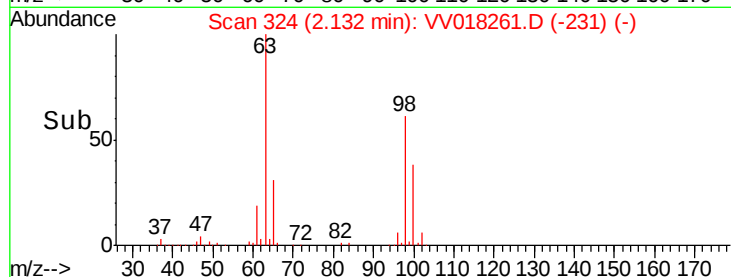
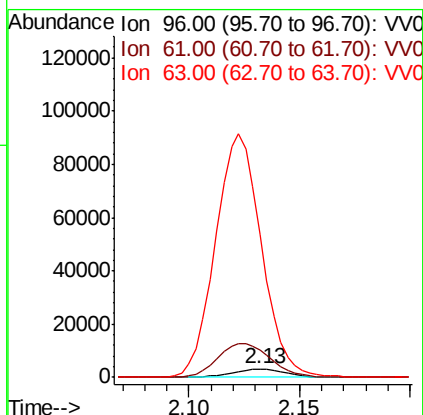
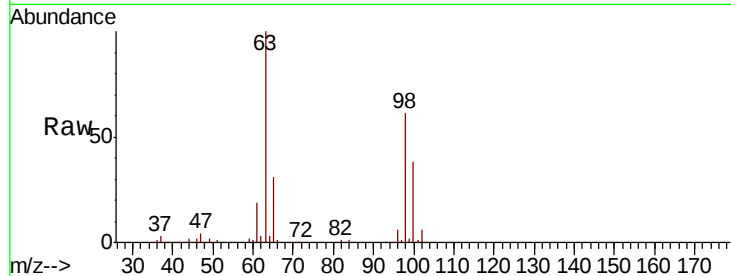
Tot Ion: 96 Resp: 5097

Ion Ratio Lower Upper

96 100

61 339.7 122.9 228.3#

63 1767.5 91.9 170.7#



#19

1,1-Dichloroethane

Concen: 0.653 ug/L

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV018261.D

Acq: 17 Sep 2020 01:35

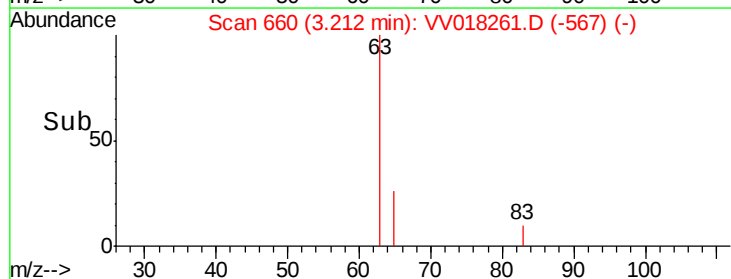
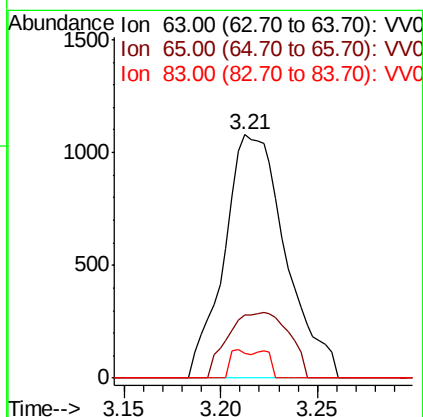
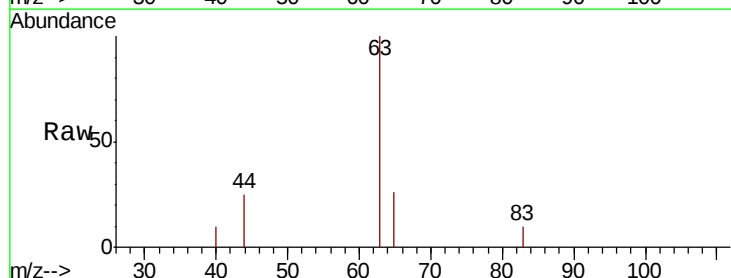
Tgt Ion: 63 Resp: 2383

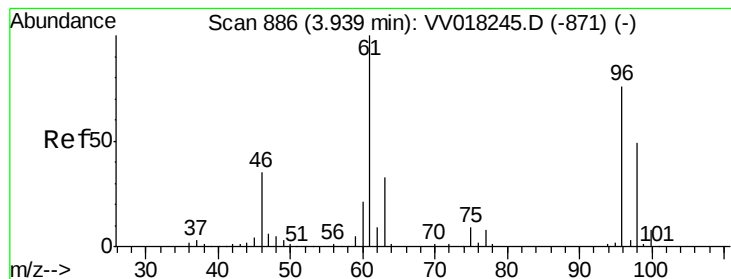
Ion Ratio Lower Upper

63 100

65 26.2 22.5 41.7

83 10.4 9.3 17.3





#20

cis-1,2-Dichloroethene

Concen: 4.115 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV018261.D

Acq: 17 Sep 2020 01:35

Instrument :
MSVOA_V
ClientSampled :

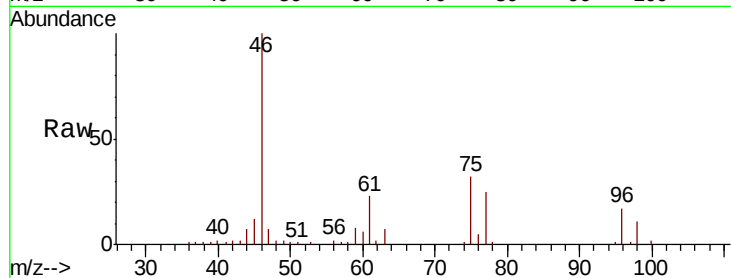
Tot Ion: 96 Resp: 8489

Ion Ratio Lower Upper

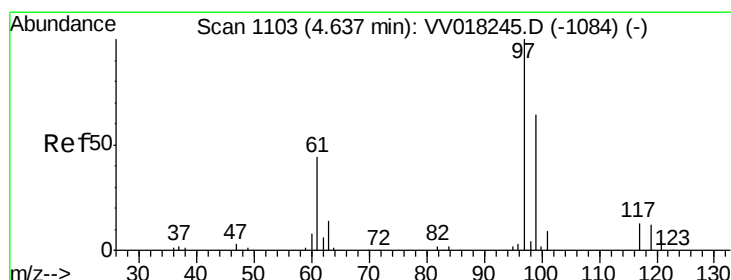
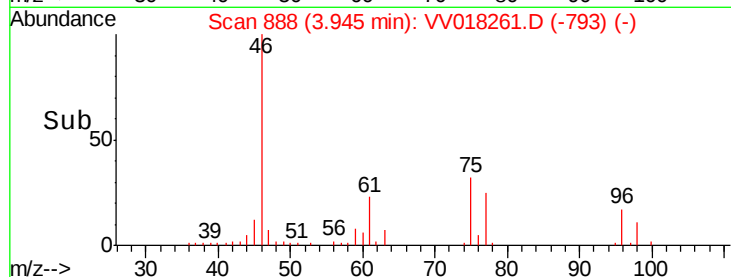
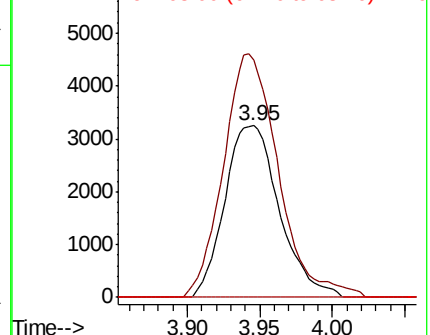
96 100

61 137.9 93.6 173.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



#30

1,1,1-Trichloroethane

Concen: 0.786 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VV018261.D

Acq: 17 Sep 2020 01:35

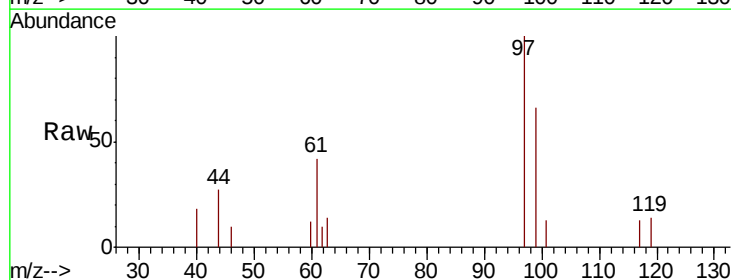
Tgt Ion: 97 Resp: 2566

Ion Ratio Lower Upper

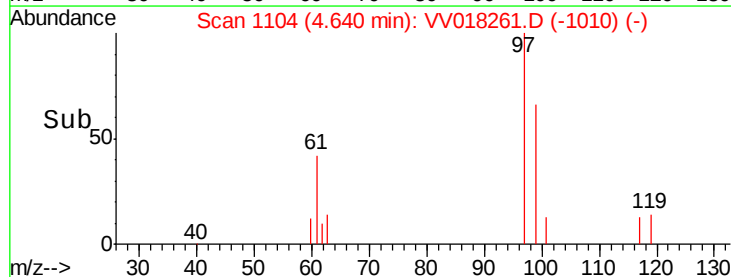
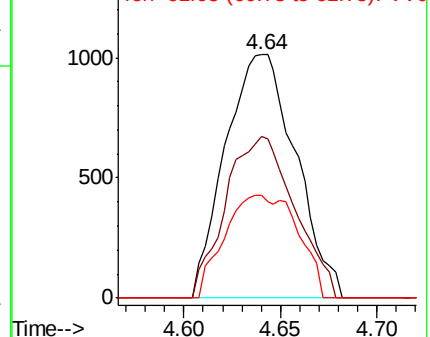
97 100

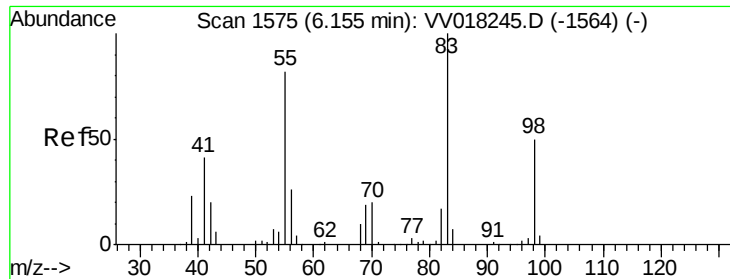
99 65.2 51.6 77.4

61 29.2 34.9 52.3#



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0

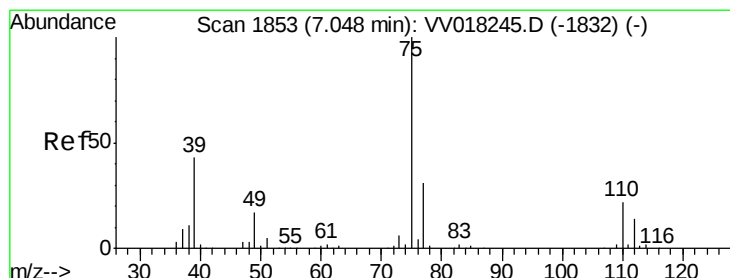
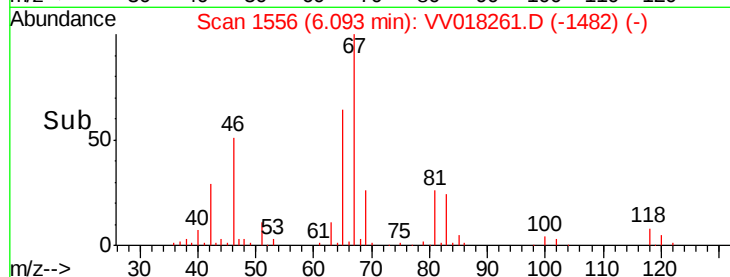
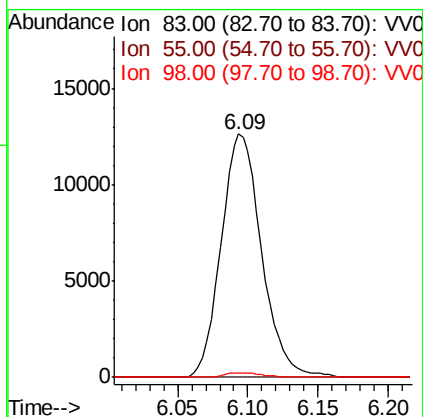
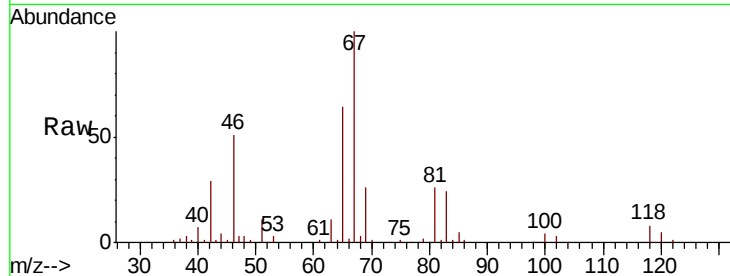




#35
Methylcyclohexane
Concen: 7.649 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018261.D
Acq: 17 Sep 2020 01:35

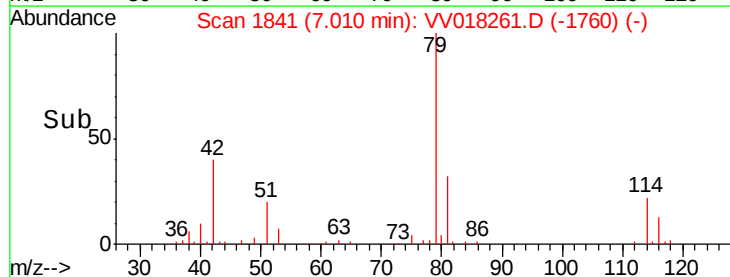
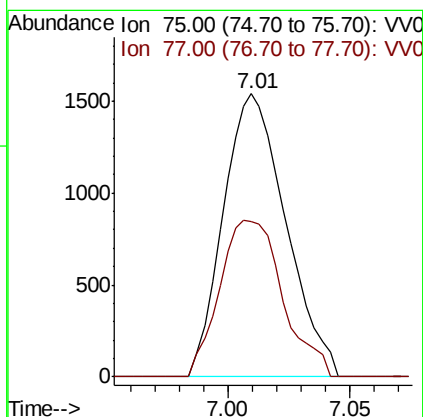
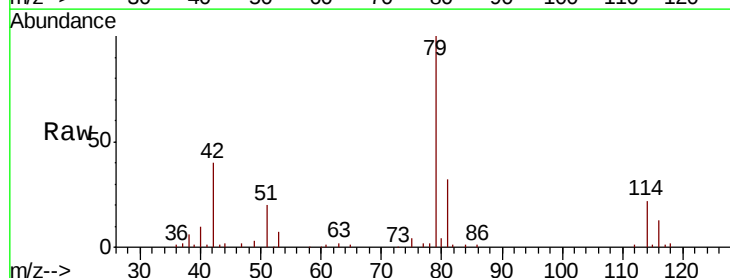
Instrument :
MSVOA_V
ClientSampleId :

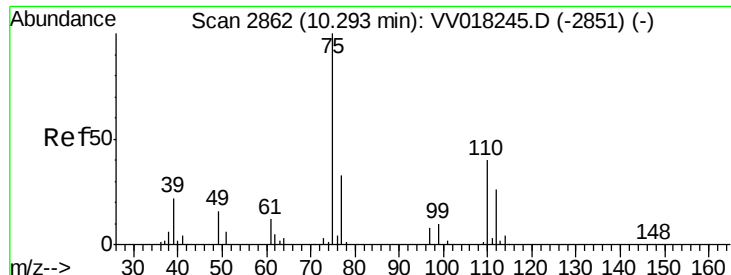
Tot Ion: 83 Resp: 25247
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.6 38.8 58.2#



#39
cis-1,3-Dichloropropene
Concen: 0.833 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018261.D
Acq: 17 Sep 2020 01:35

Tgt Ion: 75 Resp: 2737
Ion Ratio Lower Upper
75 100
77 55.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.099 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018261.D

Acq: 17 Sep 2020 01:35

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15297

Ion Ratio Lower Upper

75 100

77 36.6 25.8 38.6

