

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018243.D
 Acq On : 16 Sep 2020 18:03
 Operator : SY/MD
 Sample : L4043-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149435	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94395	37.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.30%
7) Chloroethane-d5	1.58	69	77559	37.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.12	63	136698	29.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.66%#
21) 2-Butanone-d5	3.92	46	118017	75.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.88%
24) Chloroform-d	4.38	84	165993	37.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.30%
26) 1,2-Dichloroethane-d4	5.06	65	109559	38.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.54%
32) Benzene-d6	5.08	84	337387	38.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.34%
36) 1,2-Dichloropropane-d6	6.09	67	108185	38.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.04%
41) Toluene-d8	7.34	98	301310	37.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.80%#
43) trans-1,3-Dichloropropene-	7.64	79	51544	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
47) 2-Hexanone-d5	8.11	63	85985	80.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140925	39.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	127454	41.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.06%

Target Compounds

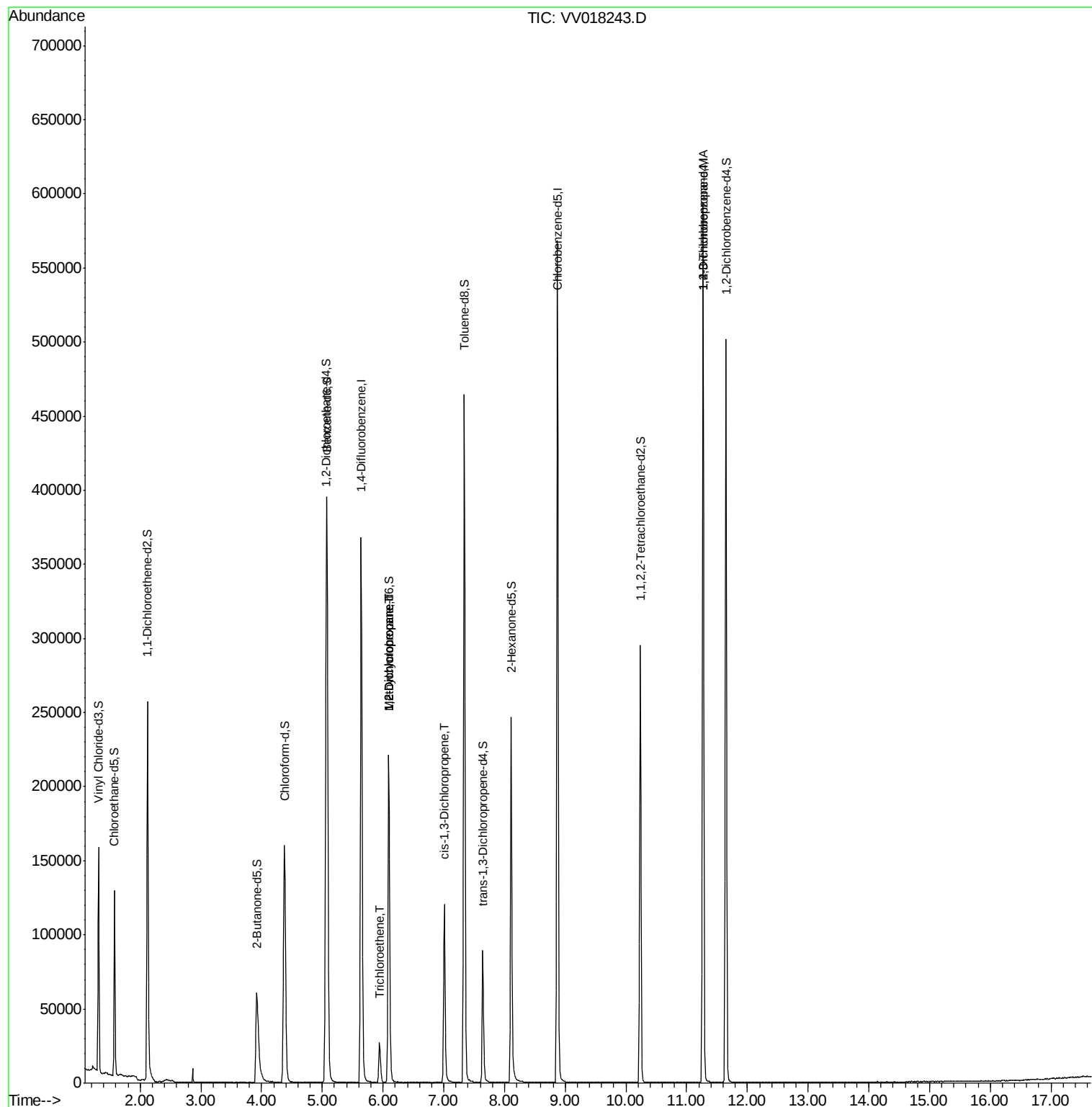
					Ovalue
34) Trichloroethene	5.95	95	9578	3.983	ug/L 98
35) Methylcyclohexane	6.10	83	25588	7.066	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	11620	4.967	ug/L # 87
39) cis-1,3-Dichloropropene	7.01	75	2756	0.765	ug/L # 66
59) 1,2,3-Trichloropropane	11.27	75	17116	6.220	ug/L 94

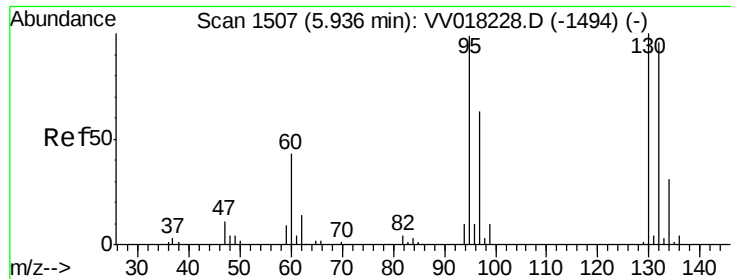
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 3.983 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018243.D

Acq: 16 Sep 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 9578

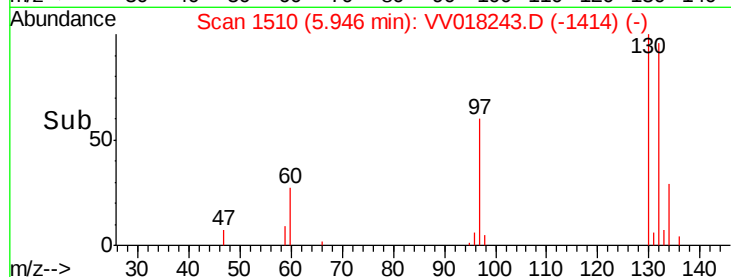
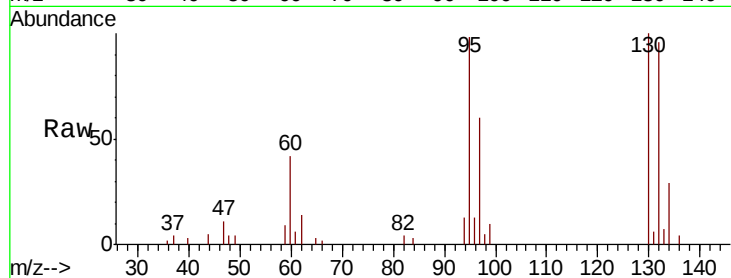
Ion Ratio Lower Upper

95 100

97 61.6 46.3 85.9

132 98.2 68.1 126.5

130 102.3 71.5 132.9

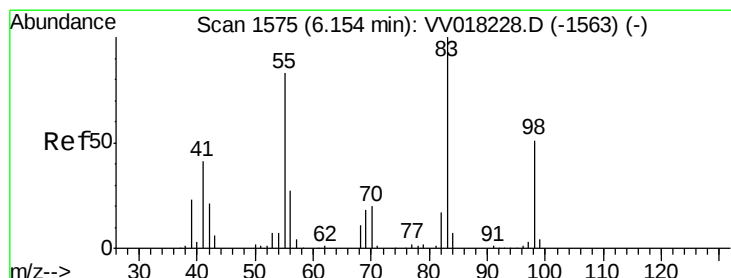
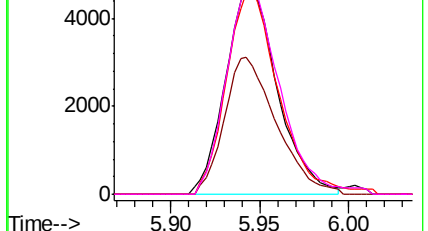


Abundance Ion 95.00 (94.70 to 95.70): VV018243.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV018243.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV018243.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV018243.D (-1414) (-)



#35

Methylcyclohexane

Concen: 7.066 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018243.D

Acq: 16 Sep 2020 18:03

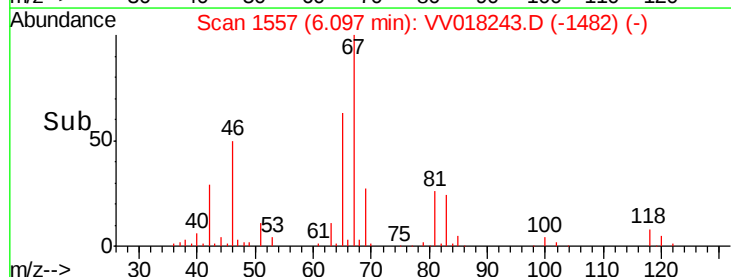
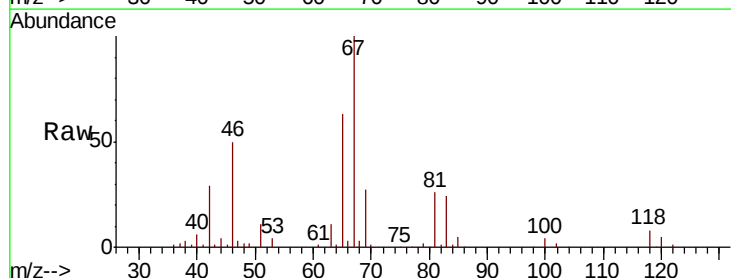
Tgt Ion: 83 Resp: 25588

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

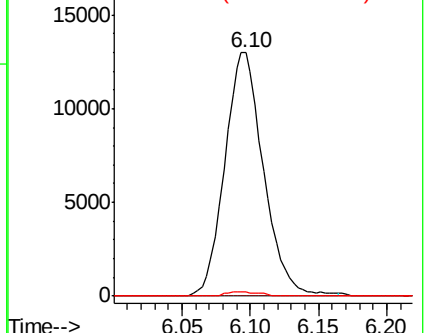
98 1.5 38.8 58.2#

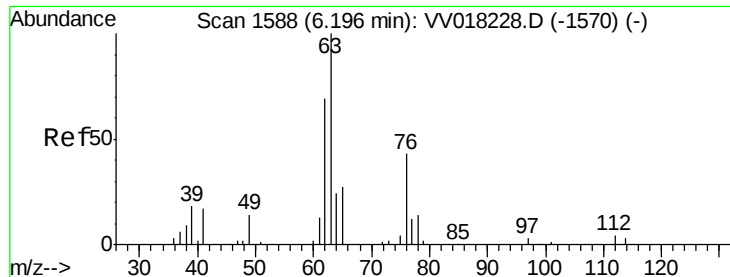


Abundance Ion 83.00 (82.70 to 83.70): VV018243.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV018243.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV018243.D (-1482) (-)

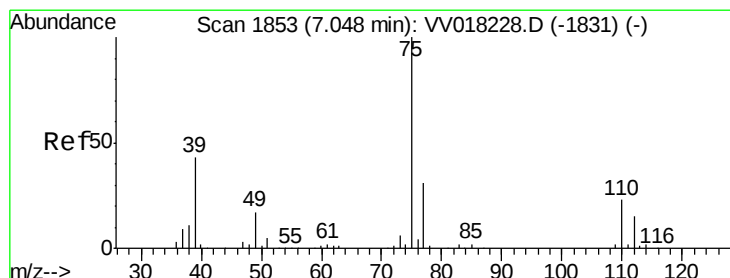
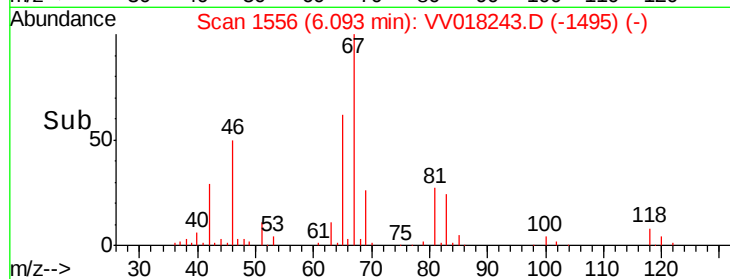
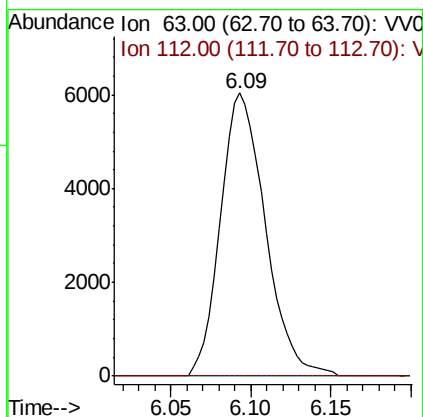
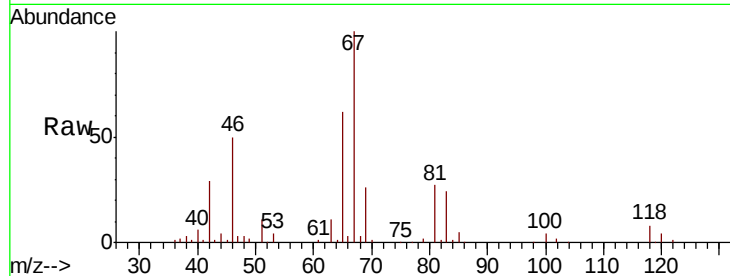




#37
 1,2-Dichloropropane
 Concen: 4.967 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018243.D
 Acq: 16 Sep 2020 18:03

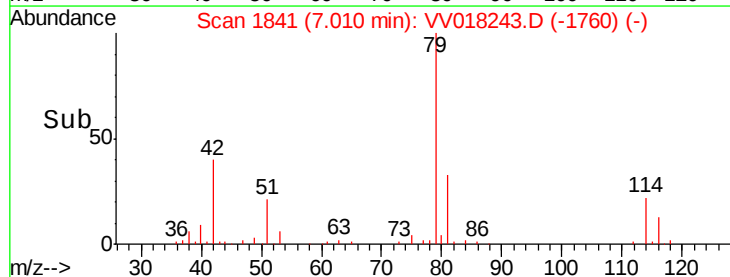
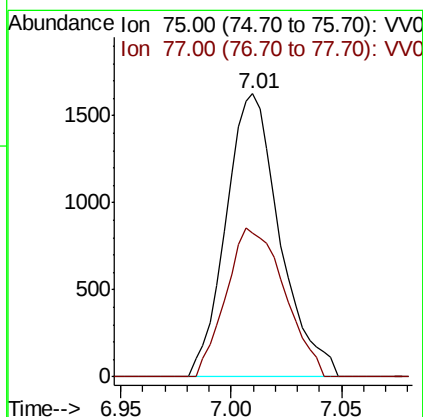
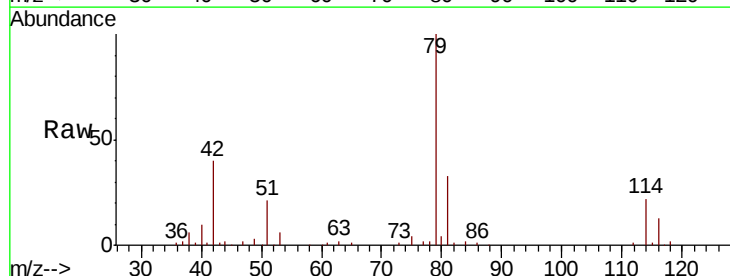
Instrument :
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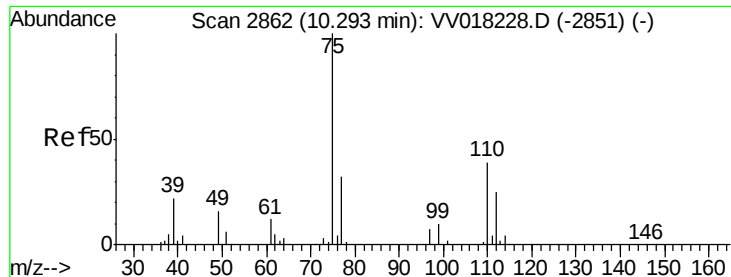
Tot Ion: 63 Resp: 11620
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.765 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018243.D
 Acq: 16 Sep 2020 18:03

Tgt Ion: 75 Resp: 2756
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.220 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018243.D

Acq: 16 Sep 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 17116

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.6

