

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018499.D
 Acq On : 28 Sep 2020 17:35
 Operator : SY/MD
 Sample : L4117-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB2

Quant Time: Sep 29 00:53:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	383062	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370267	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186184	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105881	33.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.84%
7) Chloroethane-d5	1.58	69	94530	37.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.02%
11) 1,1-Dichloroethene-d2	2.12	63	156607	27.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.70%#
21) 2-Butanone-d5	3.92	46	173895	91.01	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.01%
24) Chloroform-d	4.38	84	217586	40.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.34%
26) 1,2-Dichloroethane-d4	5.06	65	141473	40.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.50%
32) Benzene-d6	5.08	84	439680	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.96%
36) 1,2-Dichloropropane-d6	6.09	67	143788	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.38%
41) Toluene-d8	7.34	98	391613	40.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.08%
43) trans-1,3-Dichloropropene-	7.64	79	70045	40.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.86%
47) 2-Hexanone-d5	8.11	63	106810	83.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186032	44.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	173087	45.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.54%

Target Compounds

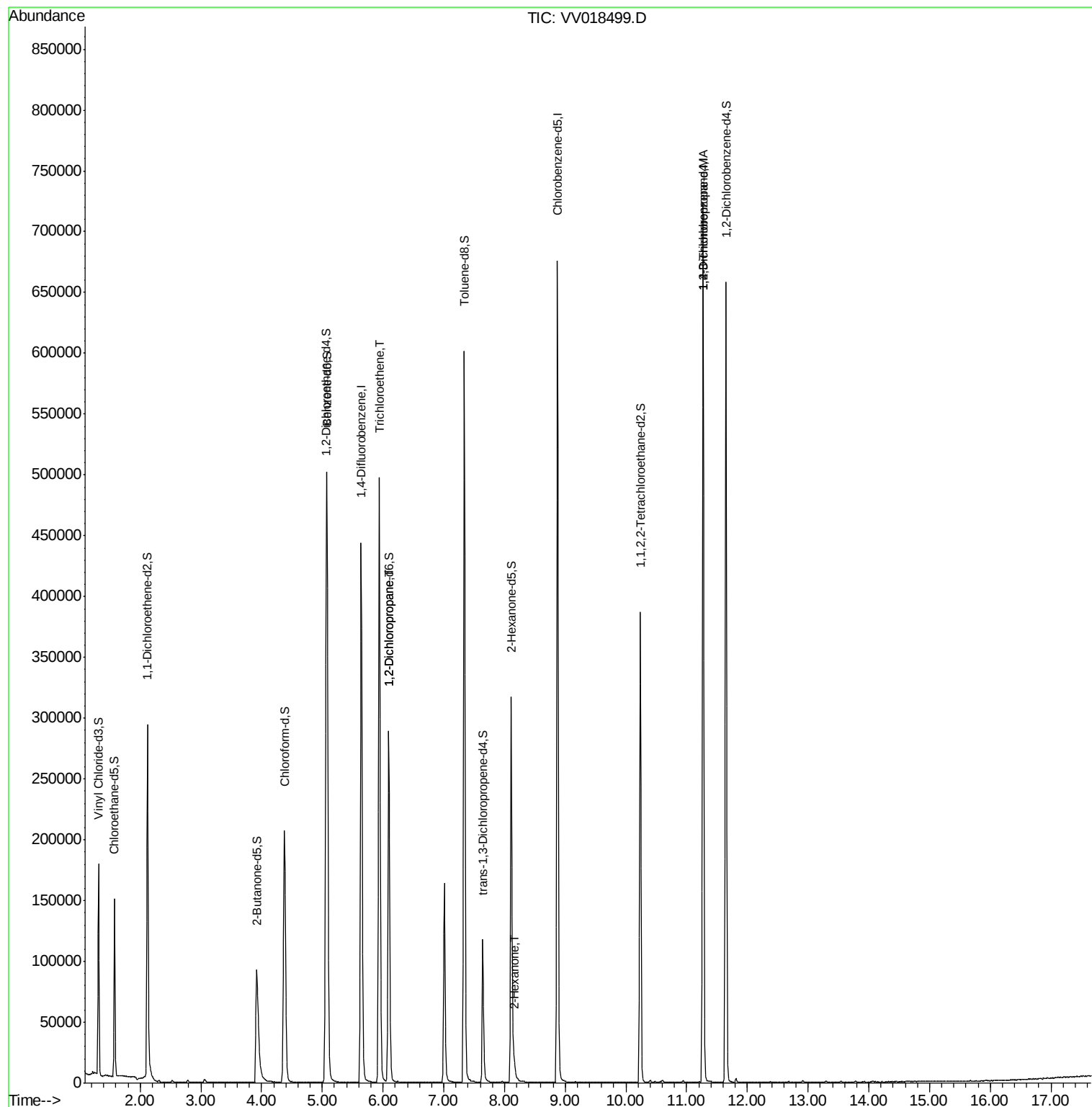
					Ovalue
34) Trichloroethene	5.94	95	173774	60.258 ug/L	99
37) 1,2-Dichloropropane	6.09	63	15064	5.370 ug/L #	87
48) 2-Hexanone	8.16	43	7347	2.738 ug/L #	86
59) 1,2,3-Trichloropropane	11.27	75	21005	6.366 ug/L	94

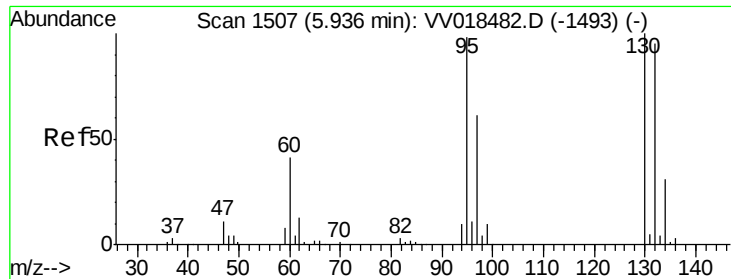
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 60.258 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

E0AB2

Tot Ion: 95 Resp: 173774

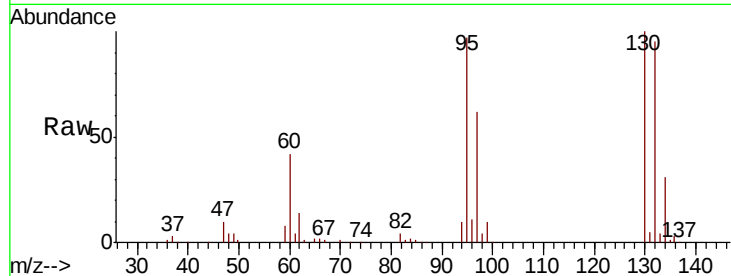
Ion Ratio Lower Upper

95 100

97 63.6 46.3 85.9

132 97.7 68.1 126.5

130 103.1 71.5 132.9

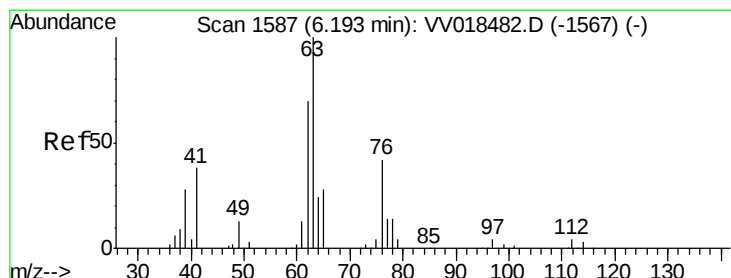
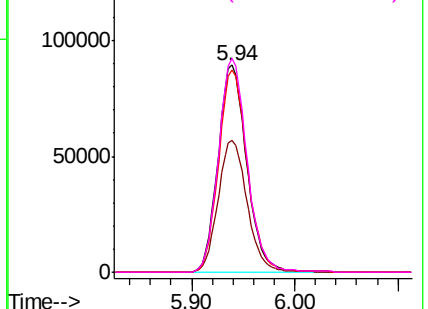
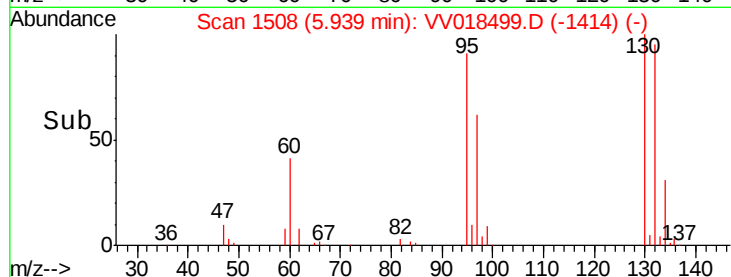


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.370 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018499.D

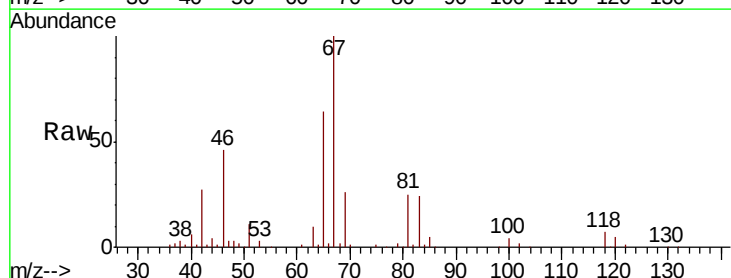
Acq: 28 Sep 2020 17:35

Tgt Ion: 63 Resp: 15064

Ion Ratio Lower Upper

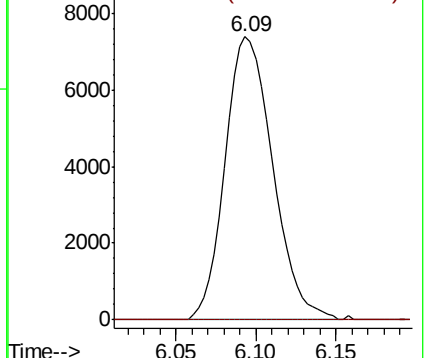
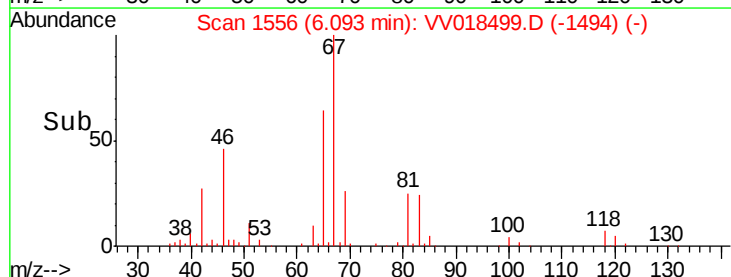
63 100

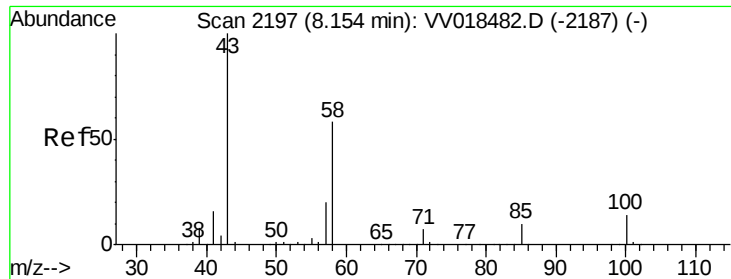
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

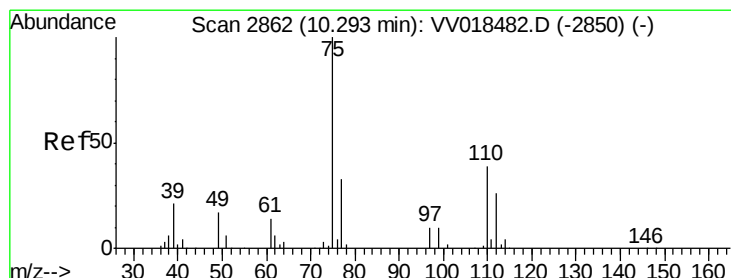
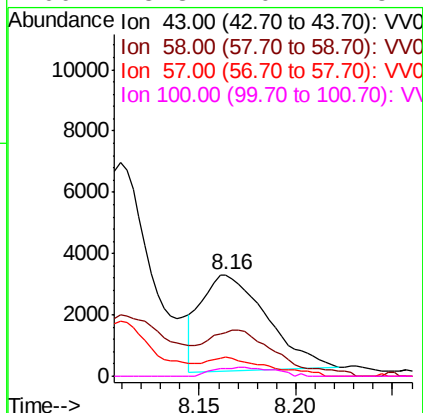
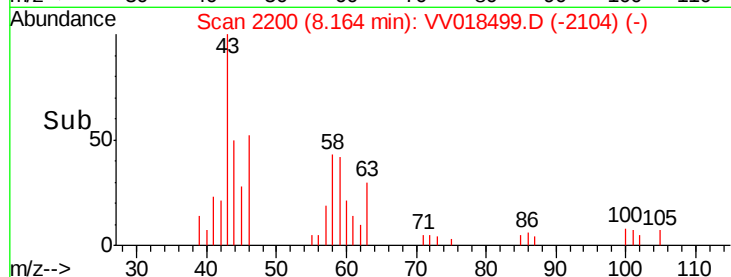
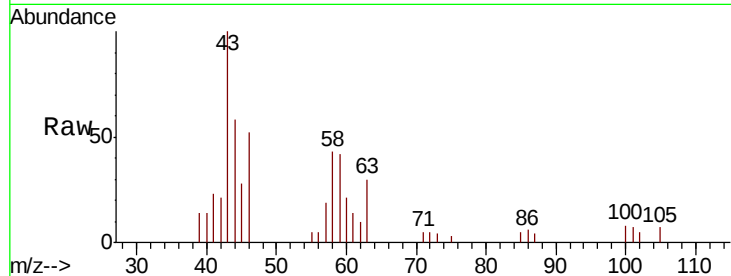




#48
2-Hexanone
Concen: 2.738 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 7347
Ion Ratio Lower Upper
43 100
58 48.6 44.8 67.2
57 10.7 15.8 23.6#
100 5.3 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 6.366 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018499.D
Acq: 28 Sep 2020 17:35

Tgt Ion: 75 Resp: 21005
Ion Ratio Lower Upper
75 100
77 35.5 25.8 38.6

