

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018816.D
 Acq On : 09 Oct 2020 14:02
 Operator : SY/MD
 Sample : L4209-08ME
 Misc : 5.39g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JLWTIME

Quant Time: Oct 09 23:54:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	384284	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	379400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	176941	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	125705	36.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.00%
7) Chloroethane-d5	1.58	69	96642	34.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.78%#
11) 1,1-Dichloroethene-d2	2.10	63	197057	29.27	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.54%#
21) 2-Butanone-d5	3.92	46	150104	70.01	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.01%
24) Chloroform-d	4.37	84	237202	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	5.05	65	172968	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
32) Benzene-d6	5.07	84	481354	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.84%
36) 1,2-Dichloropropane-d6	6.09	67	149200	37.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.96%
41) Toluene-d8	7.34	98	415168	38.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.60%#
43) trans-1,3-Dichloropropene-	7.64	79	77827	39.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.98%
47) 2-Hexanone-d5	8.14	63	104487	74.88	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.88%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154513	33.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	176932	45.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.36%

Target Compounds

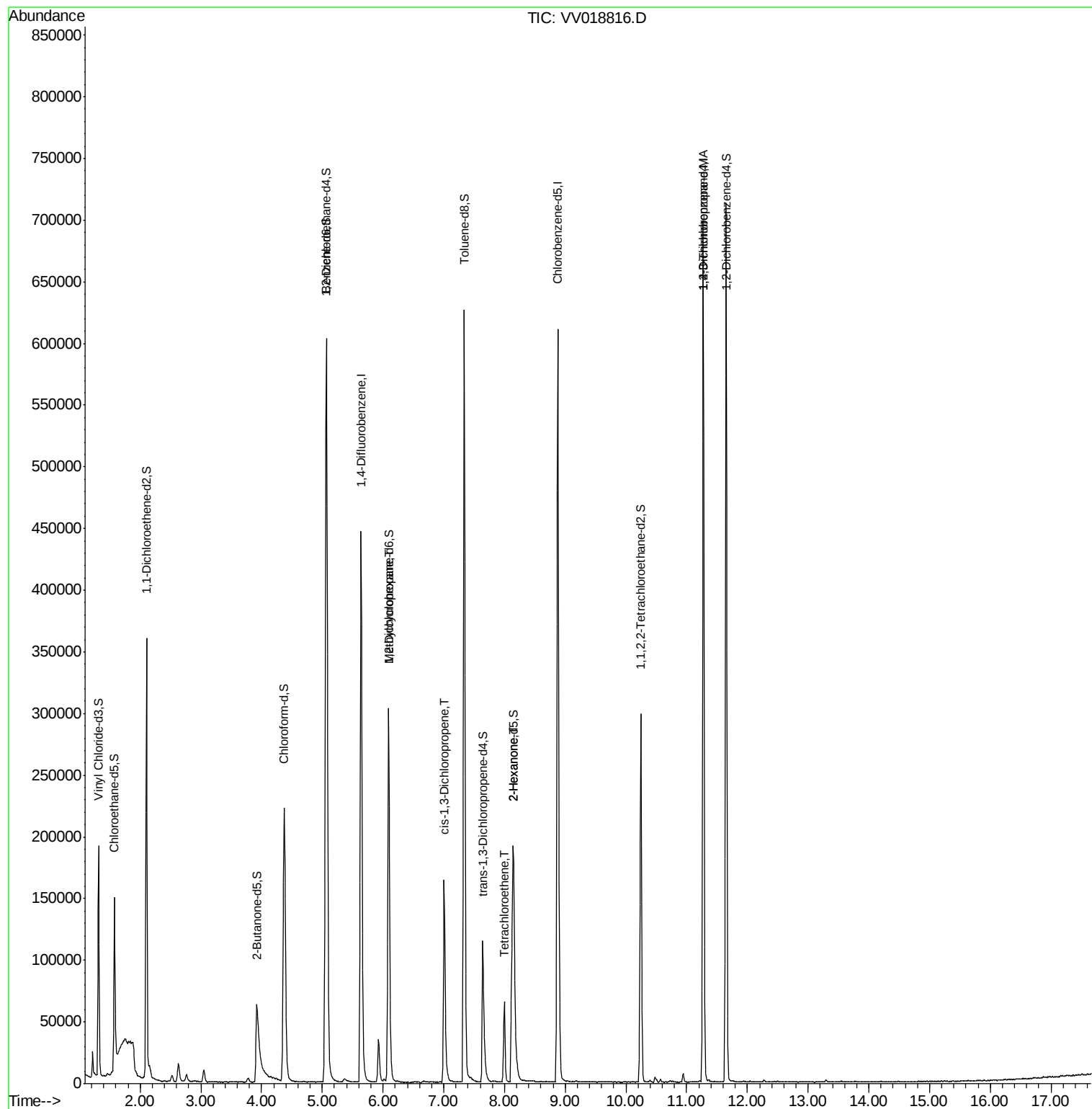
					Ovalue
35) Methylcyclohexane	6.09	83	35672	8.415	ug/L # 16
39) cis-1,3-Dichloropropene	7.01	75	4481	0.959	ug/L # 82
46) Tetrachloroethene	8.00	164	15295	6.024	ug/L 96
48) 2-Hexanone	8.15	43	15376	4.533	ug/L # 62
59) 1,2,3-Trichloropropane	11.27	75	21523	5.471	ug/L 89

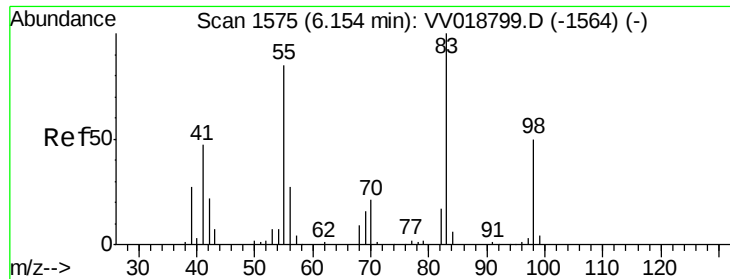
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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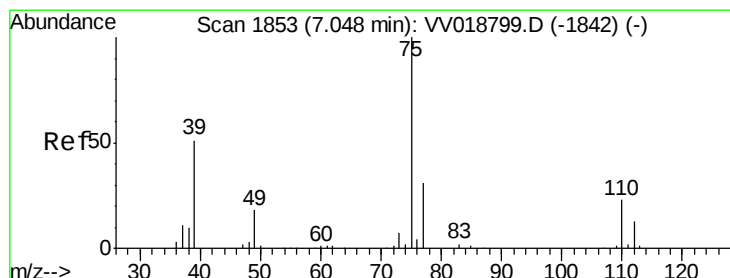
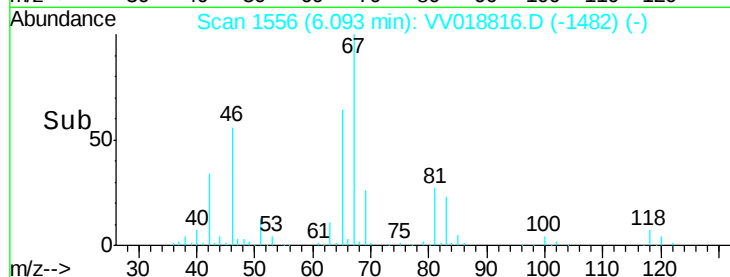
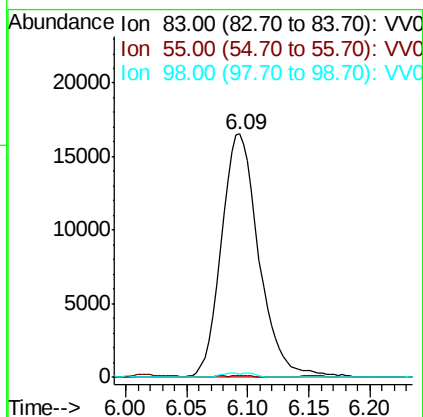
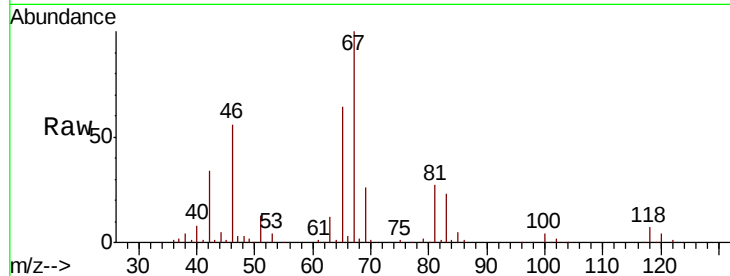




#35
Methylcyclohexane
Concen: 8.415 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018816.D
Acq: 09 Oct 2020 14:02

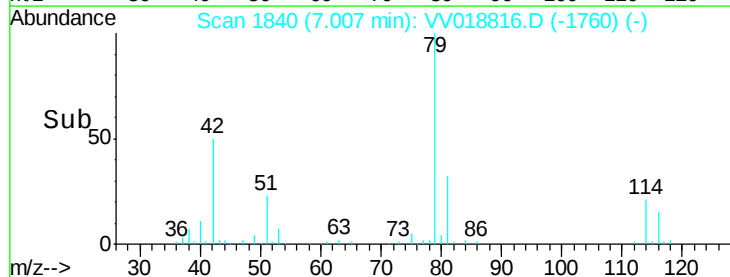
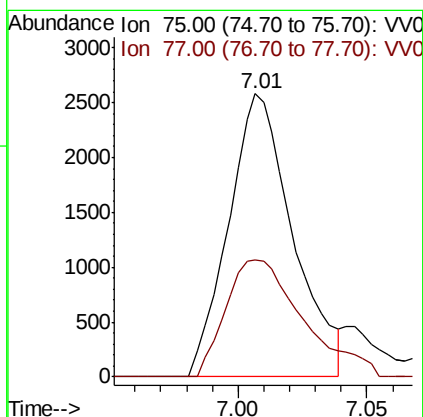
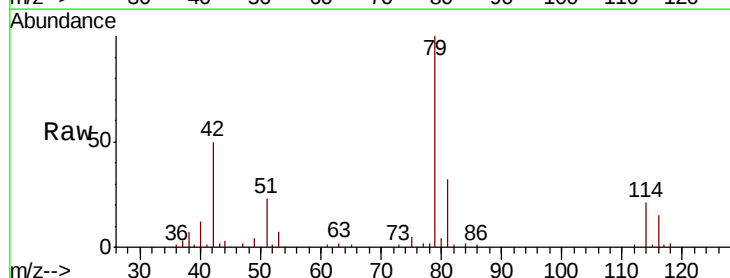
Instrument :
MSVOA_V
ClientSampleId :
JLWTIME

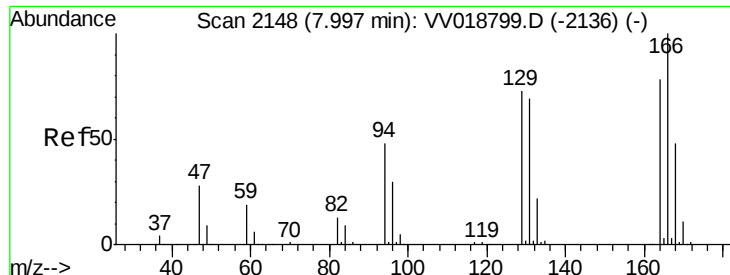
Tot Ion: 83 Resp: 35672
Ion Ratio Lower Upper
83 100
55 0.2 67.0 100.4#
98 0.8 38.8 58.2#



#39
cis-1,3-Dichloropropene
Concen: 0.959 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018816.D
Acq: 09 Oct 2020 14:02

Tgt Ion: 75 Resp: 4481
Ion Ratio Lower Upper
75 100
77 41.4 21.8 40.6#





#46

Tetrachloroethene

Concen: 6.024 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018816.D

Acq: 09 Oct 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

JLWTIME

Tot Ion:164 Resp: 15295

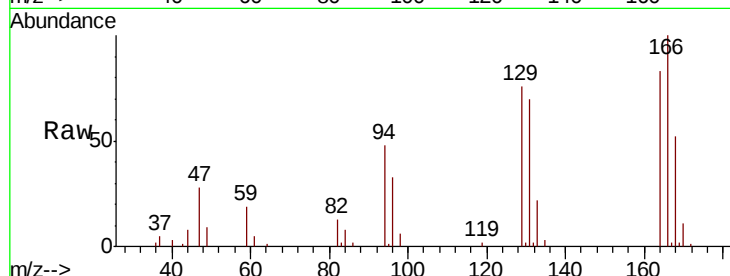
Ion Ratio Lower Upper

164 100

129 92.3 64.6 120.0

131 84.8 63.6 118.0

166 120.9 88.3 164.1

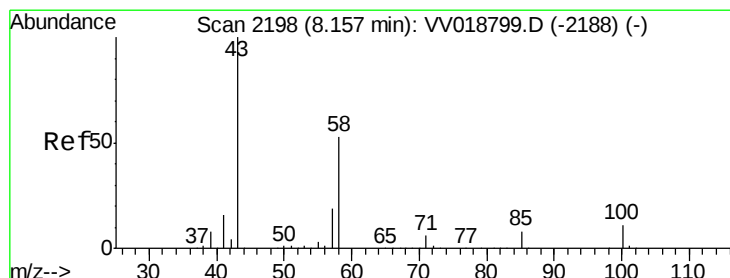
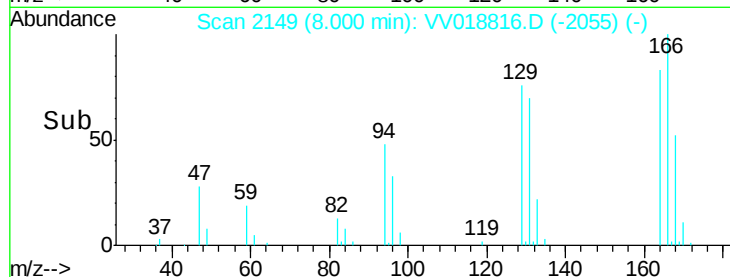
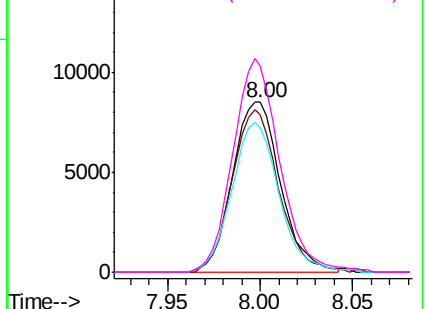


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.533 ug/L

RT: 8.15 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VV018816.D

Acq: 09 Oct 2020 14:02

Tgt Ion: 43 Resp: 15376

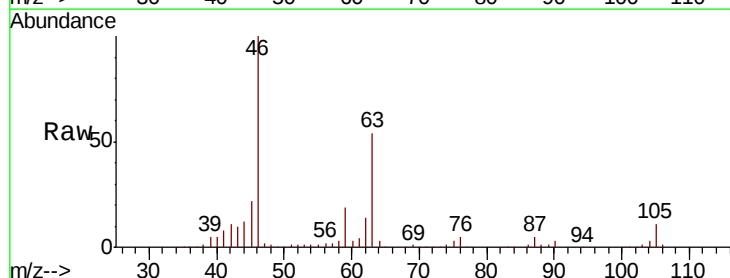
Ion Ratio Lower Upper

43 100

58 24.3 41.8 62.8#

57 0.0 14.9 22.3#

100 2.7 9.2 13.8#

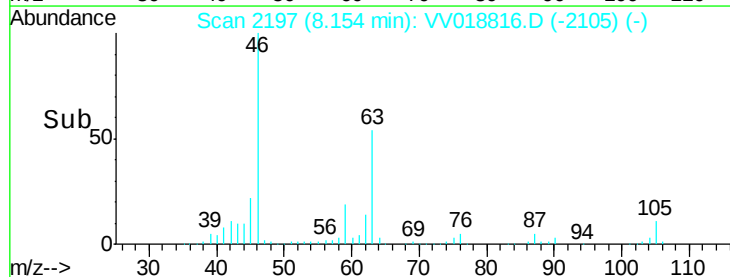
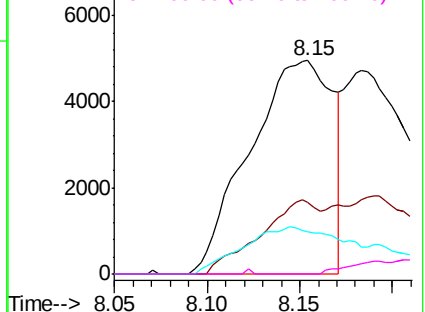


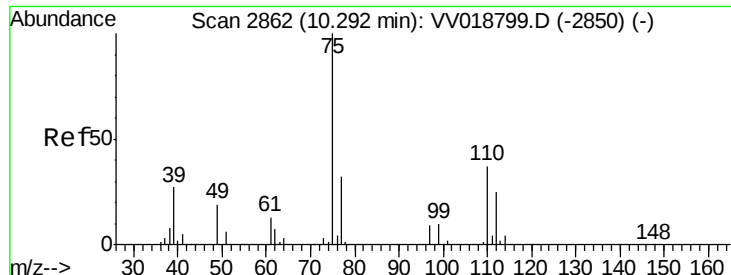
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.471 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV018816.D

Acq: 09 Oct 2020 14:02

Instrument :

MSVOA_V

ClientSampleId :

JLWTIME

Tot Ion: 75 Resp: 21523

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9

