

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\
 Data File : VV019252.D
 Acq On : 04 Nov 2020 16:25
 Operator : SY/MD
 Sample : L4615-04ME 2X
 Misc : 5.80g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 02:29:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	260411	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	253316	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133995	50.00	ug/L	0.00

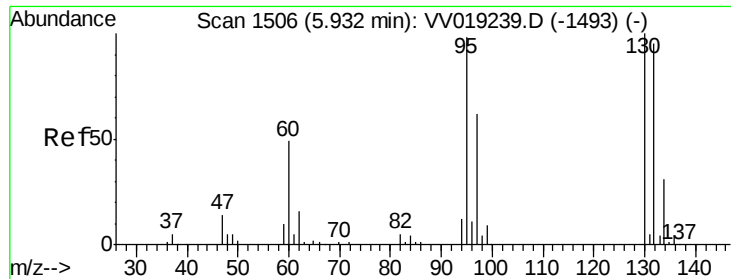
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60262	29.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.24%#
7) Chloroethane-d5	1.57	69	57994	36.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.14%
11) 1,1-Dichloroethene-d2	2.11	63	106898	27.15	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.30%#
21) 2-Butanone-d5	3.91	46	84322	66.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.53%
24) Chloroform-d	4.37	84	143167	37.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.38%
26) 1,2-Dichloroethane-d4	5.05	65	105846	39.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.92%
32) Benzene-d6	5.07	84	271261	37.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.50%
36) 1,2-Dichloropropane-d6	6.09	67	84626	39.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.00%
41) Toluene-d8	7.33	98	251222	36.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.78%#
43) trans-1,3-Dichloropropene-	7.64	79	44767	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
47) 2-Hexanone-d5	8.12	63	71682	77.25	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.25%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	109129	37.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	110322	39.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.38%#

Target Compounds

					Ovalue
34) Trichloroethene	5.94	95	5128	2.563 ug/L	95
35) Methylcyclohexane	6.09	83	21391	7.919 ug/L #	18
39) cis-1,3-Dichloropropene	7.00	75	3049	1.018 ug/L #	67
46) Tetrachloroethene	7.99	164	72805	42.613 ug/L	98
48) 2-Hexanone	8.12	43	9790	4.923 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	14309	6.035 ug/L #	84

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



#34

Trichloroethene

Concen: 2.563 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV019252.D

Acq: 04 Nov 2020 16:25

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 5128

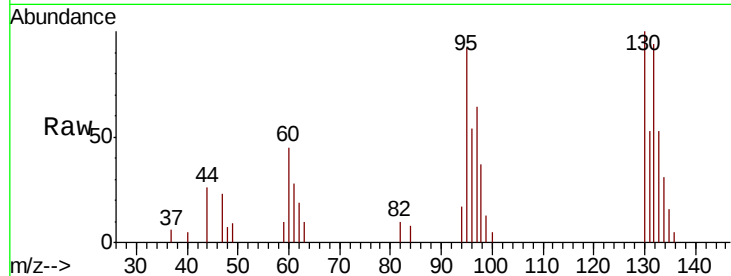
Ion Ratio Lower Upper

95 100

97 69.1 43.4 80.6

132 101.3 69.7 129.4

130 108.2 72.4 134.5



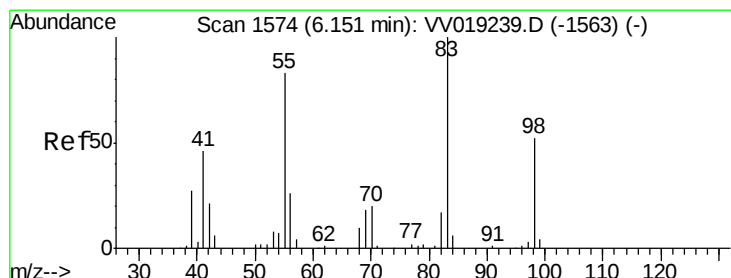
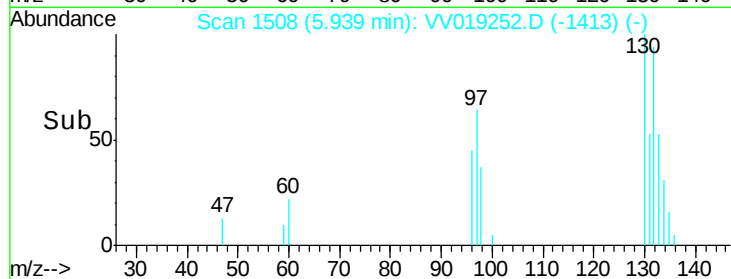
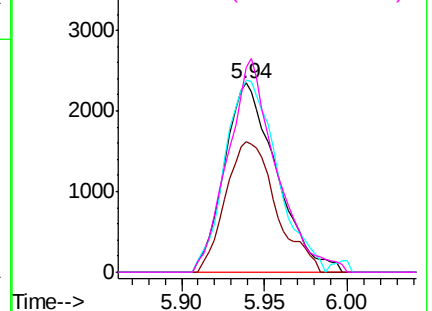
Abundance

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): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 7.919 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV019252.D

Acq: 04 Nov 2020 16:25

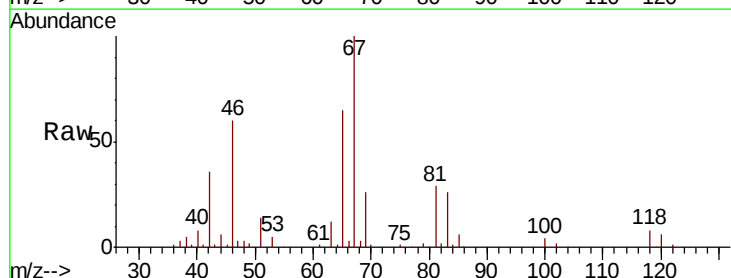
Tgt Ion: 83 Resp: 21391

Ion Ratio Lower Upper

83 100

55 0.2 62.2 93.4#

98 1.5 39.4 59.2#

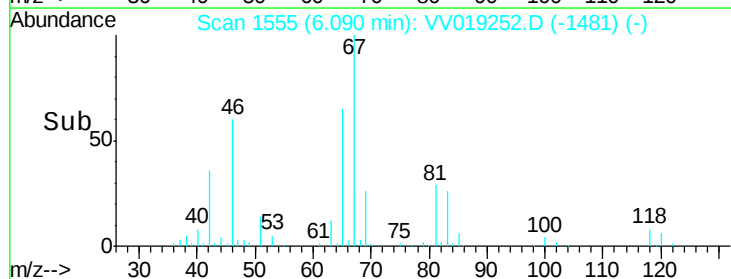
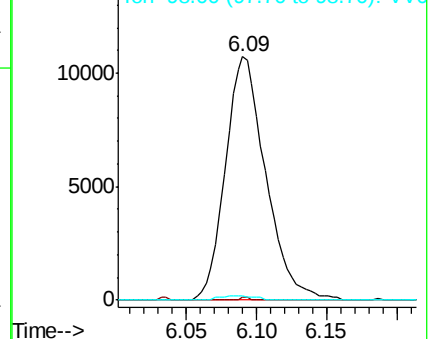


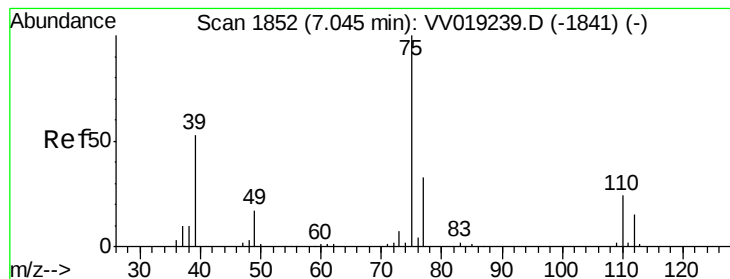
Abundance

Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



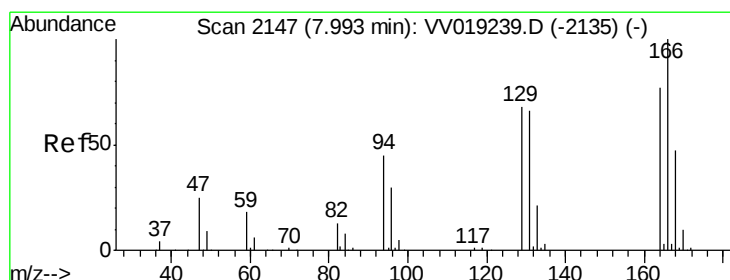
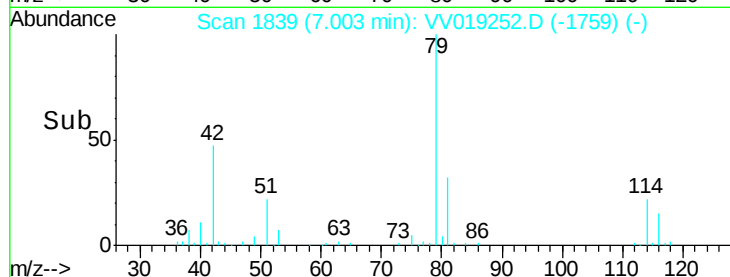
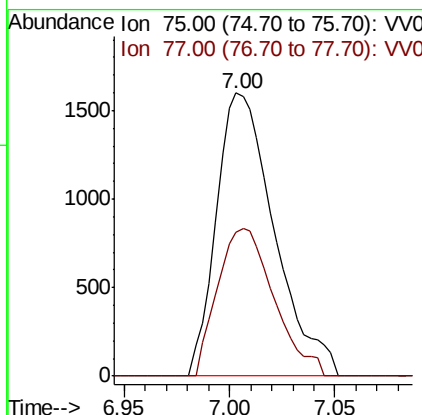
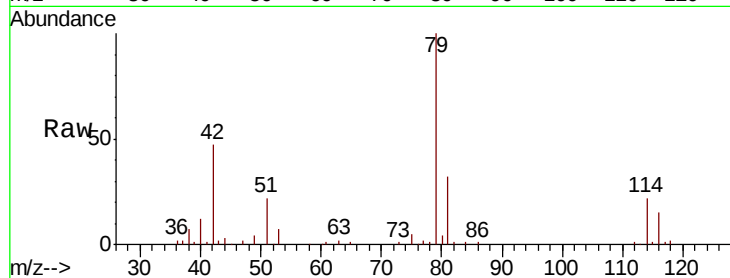


#39

cis-1,3-Dichloropropene
Concen: 1.018 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV019252.D
Acq: 04 Nov 2020 16:25

Instrument :
MSVOA_V
ClientSampleId :

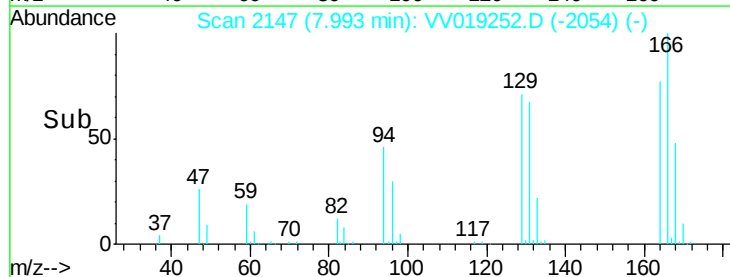
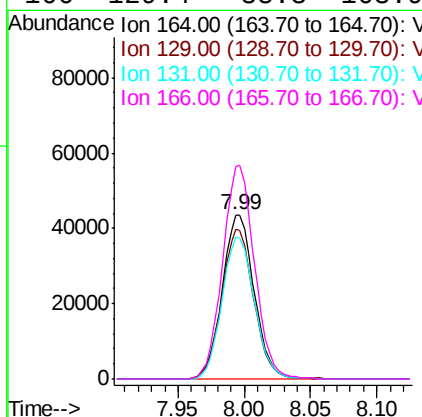
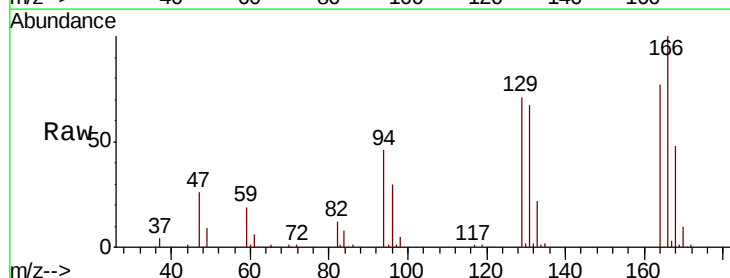
Tot Ion: 75 Resp: 3049
Ion Ratio Lower Upper
75 100
77 50.8 22.7 42.1#

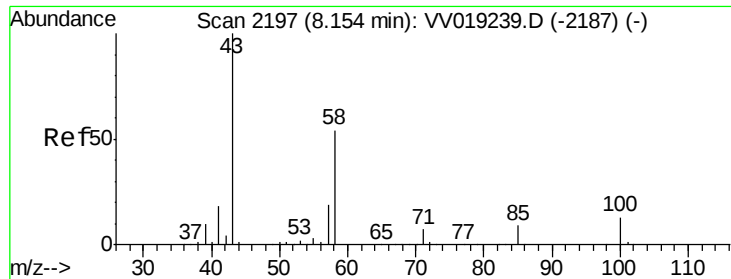


#46

Tetrachloroethene
Concen: 42.613 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV019252.D
Acq: 04 Nov 2020 16:25

Tgt Ion: 164 Resp: 72805
Ion Ratio Lower Upper
164 100
129 91.3 63.2 117.4
131 87.0 60.3 112.1
166 129.4 88.3 163.9

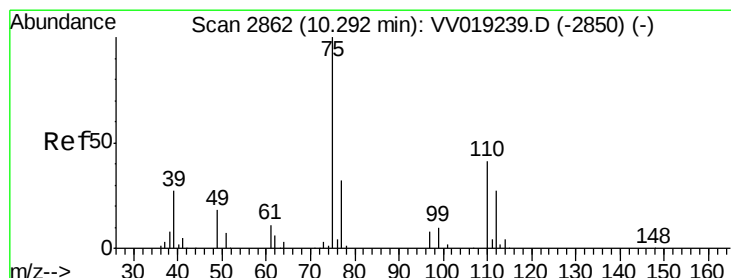
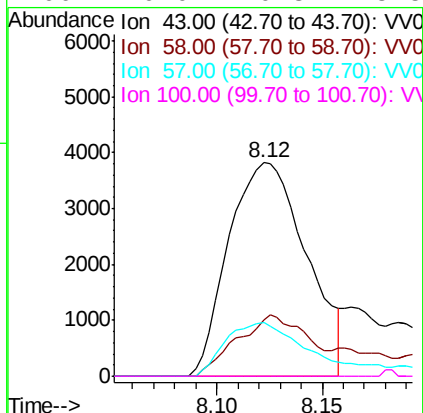
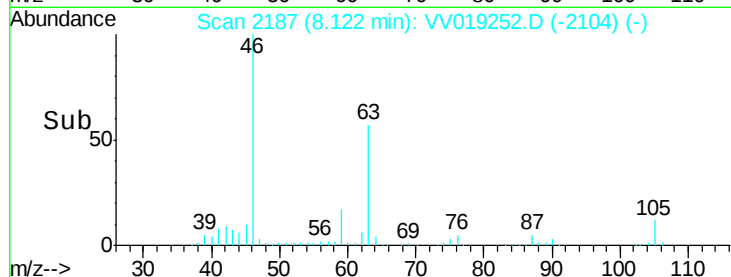
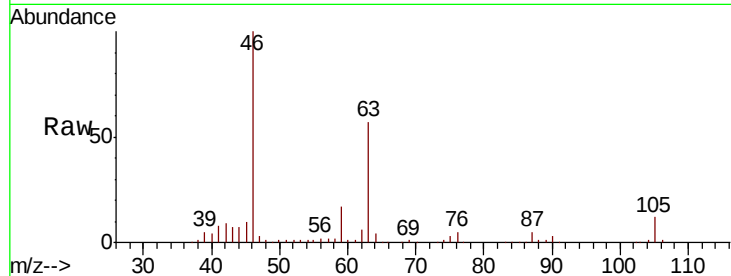




#48
2-Hexanone
Concen: 4.923 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.03 min
Lab File: VV019252.D
Acq: 04 Nov 2020 16:25

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 9790
Ion Ratio Lower Upper
43 100
58 26.4 43.6 65.4#
57 26.3 16.0 24.0#
100 0.0 10.3 15.5#



#59
1,2,3-Trichloropropane
Concen: 6.035 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019252.D
Acq: 04 Nov 2020 16:25

Tgt Ion: 75 Resp: 14309
Ion Ratio Lower Upper
75 100
77 41.9 26.2 39.4#

