

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011821\
 Data File : VW020048.D
 Acq On : 18 Jan 2021 17:05
 Operator : SY/MD
 Sample : M1147-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Z7

Quant Time: Jan 19 02:51:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 02:46:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

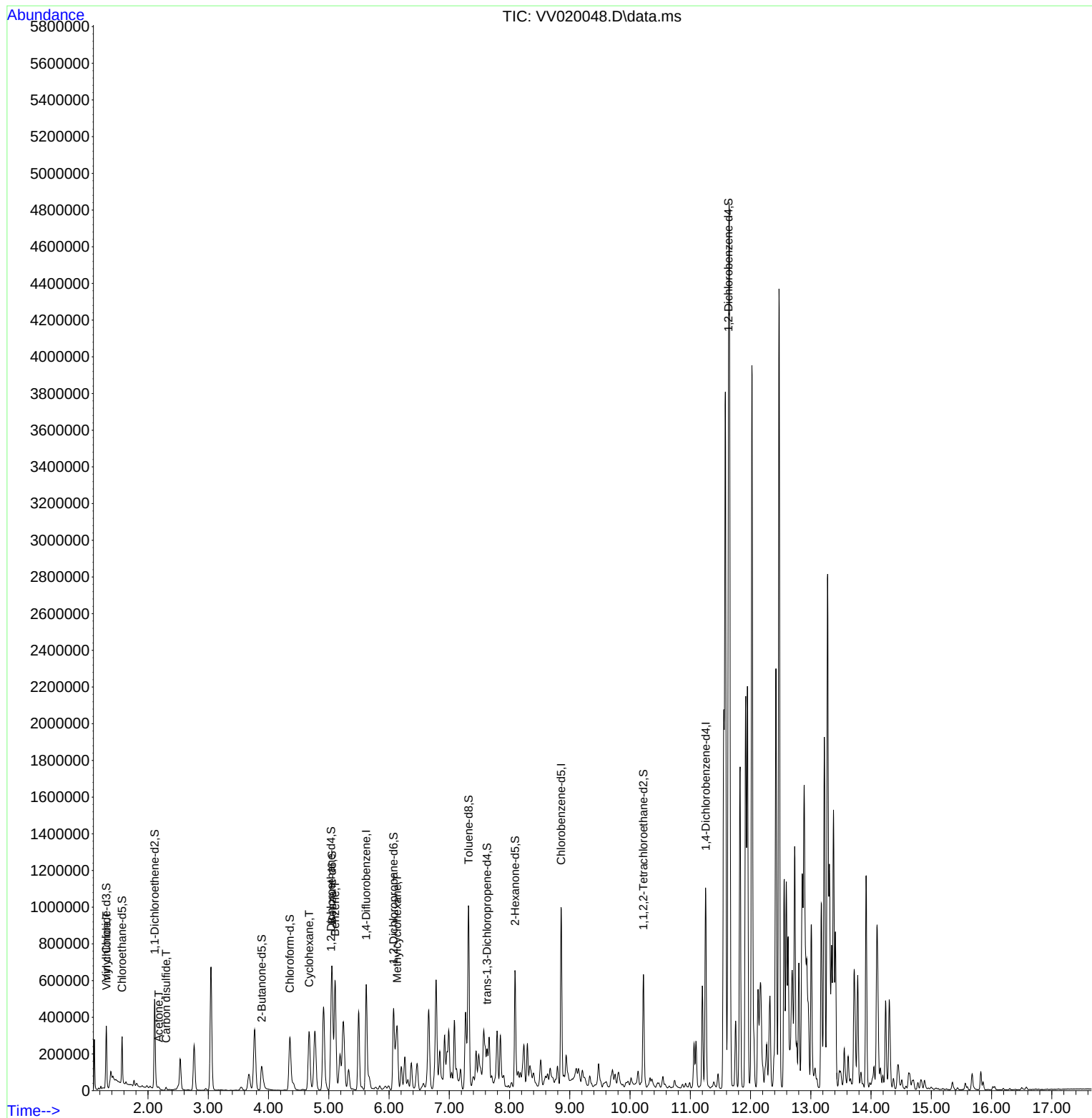
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	471955	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	477455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	212968	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	158028	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.40%
7) Chloroethane-d5	1.569	69	148588	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.52%
11) 1,1-Dichloroethene-d2	2.110	63	257464	32.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.68%
21) 2-Butanone-d5	3.888	46	217407	84.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.18%
24) Chloroform-d	4.354	84	281388	39.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.48%
26) 1,2-Dichloroethane-d4	5.039	65	206060	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
32) Benzene-d6	5.055	84	539193	40.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.02%
36) 1,2-Dichloropropane-d6	6.074	67	203894	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.322	98	605211	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%
43) trans-1,3-Dichloroprop...	7.627	79	94148	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.090	63	175592	104.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	251842	44.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.56%
64) 1,2-Dichlorobenzene-d4	11.633	152	211414	51.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.80%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.312	62	16182	3.66	ug/L #	61
13) Acetone	2.177	43	17460	7.65	ug/L	94
14) Carbon disulfide	2.299	76	17317	1.75	ug/L	100
29) Cyclohexane	4.672	56	57960	10.27	ug/L #	47
33) Benzene	5.106	78	563493	40.65	ug/L	100
35) Methylcyclohexane	6.135	83	136547	24.06	ug/L #	81

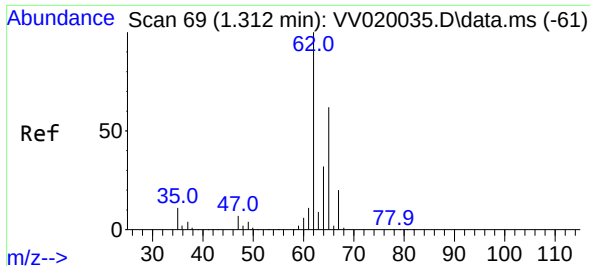
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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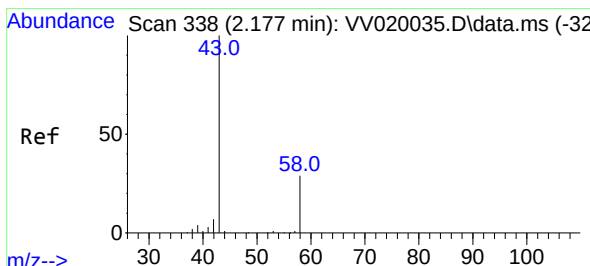
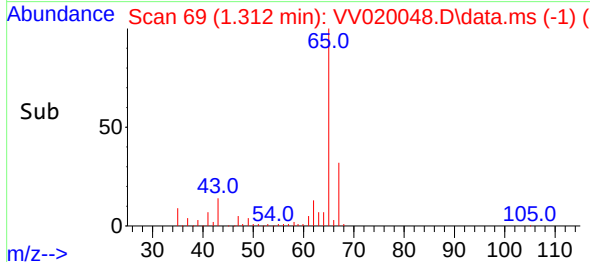
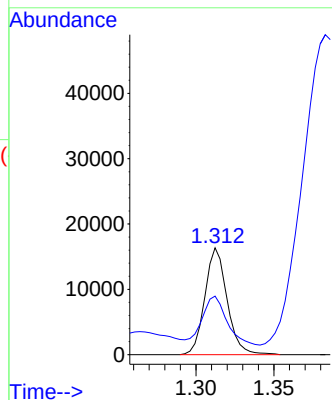
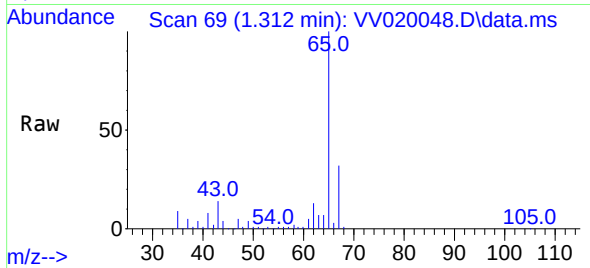




#5
 Vinyl chloride
 Concen: 3.66 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020048.D
 Acq: 18 Jan 2021 17:05

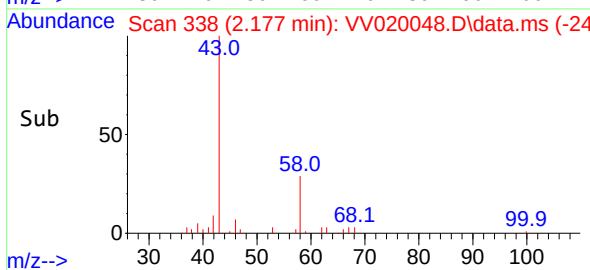
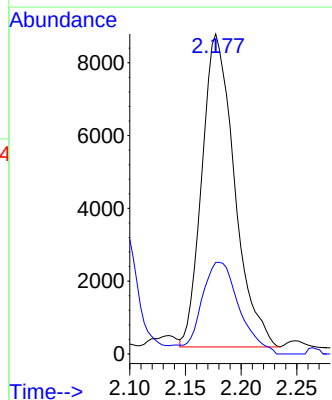
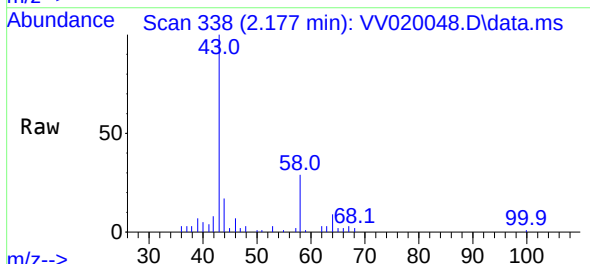
Instrument :
 MSVOA_V
 ClientSampled :
 BG4Z7

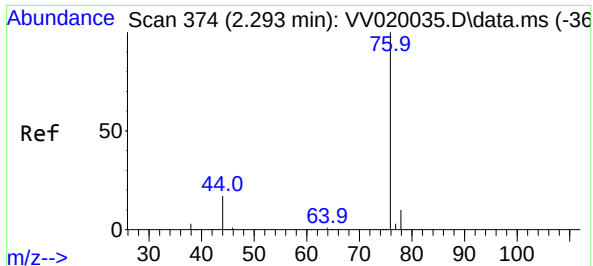
Tgt Ion: 62 Resp: 16182
 Ion Ratio Lower Upper
 62 100
 64 54.8 23.0 42.6#



#13
 Acetone
 Concen: 7.65 ug/L
 RT: 2.177 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV020048.D
 Acq: 18 Jan 2021 17:05

Tgt Ion: 43 Resp: 17460
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 60.2

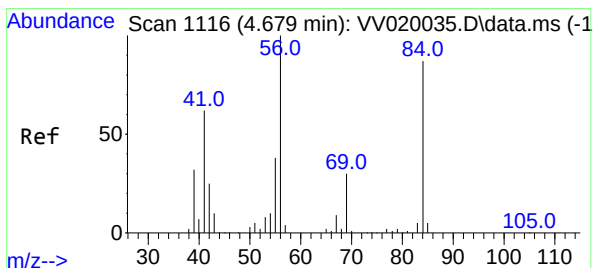
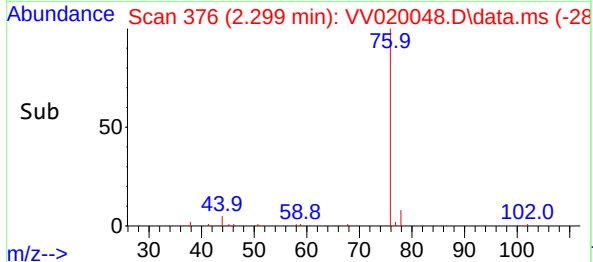
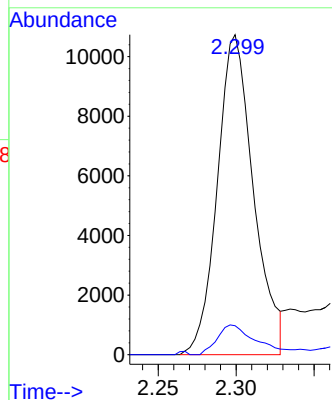
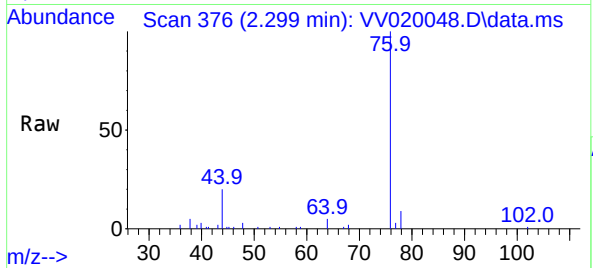




#14
Carbon disulfide
Concen: 1.75 ug/L
RT: 2.299 min Scan# 376
Delta R.T. 0.006 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

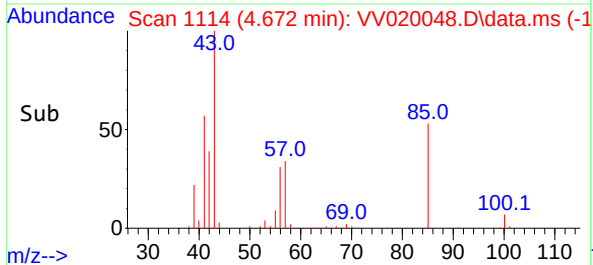
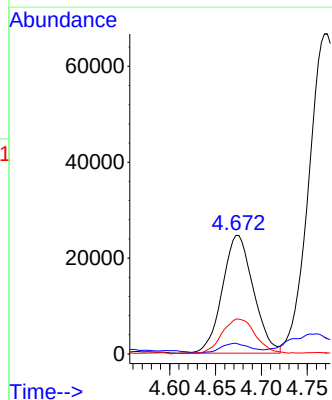
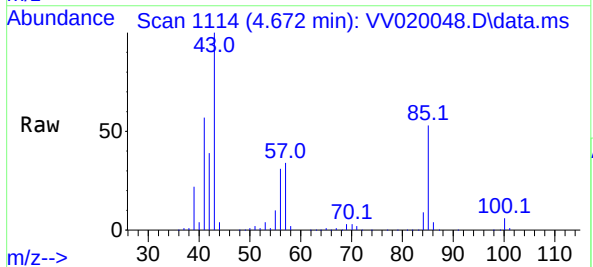
Instrument :
MSVOA_V
ClientSampled :
BG4Z7

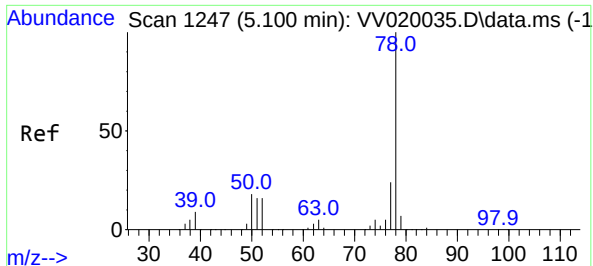
Tgt Ion: 76 Resp: 17317
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#29
Cyclohexane
Concen: 10.27 ug/L
RT: 4.672 min Scan# 1114
Delta R.T. -0.006 min
Lab File: VV020048.D
Acq: 18 Jan 2021 17:05

Tgt Ion: 56 Resp: 57960
Ion Ratio Lower Upper
56 100
69 7.7 24.2 36.2#
84 31.5 66.3 99.5#





#33

Benzene

Concen: 40.65 ug/L

RT: 5.106 min Scan# 1249

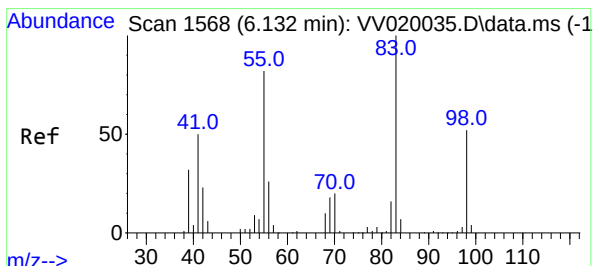
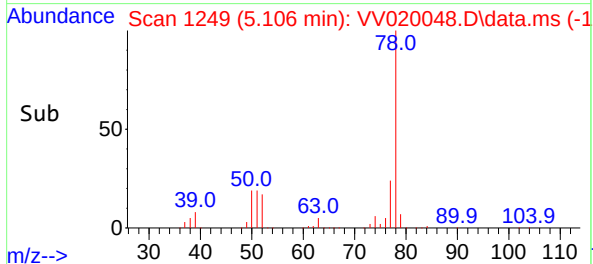
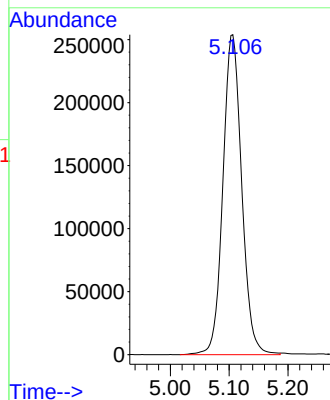
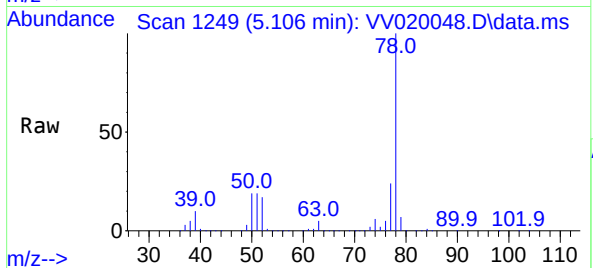
Delta R.T. 0.006 min

Lab File: VV020048.D

Acq: 18 Jan 2021 17:05

Tgt Ion: 78 Resp: 563493

Instrument :
MSVOA_V
ClientSampled :
BG4Z7



#35

Methylcyclohexane

Concen: 24.06 ug/L

RT: 6.135 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV020048.D

Acq: 18 Jan 2021 17:05

Tgt Ion: 83 Resp: 136547

Ion Ratio Lower Upper

83 100

55 107.6 65.1 97.7#

98 47.9 38.2 57.2

