

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
 Data File : VW018416.D
 Acq On : 22 Mar 2021 12:19
 Operator : SY/VA
 Sample : M1698-17
 Misc : 5.34G/10ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4L5RE

Quant Time: Mar 23 01:16:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 01:15:18 2021
 Response via : Initial Calibration

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

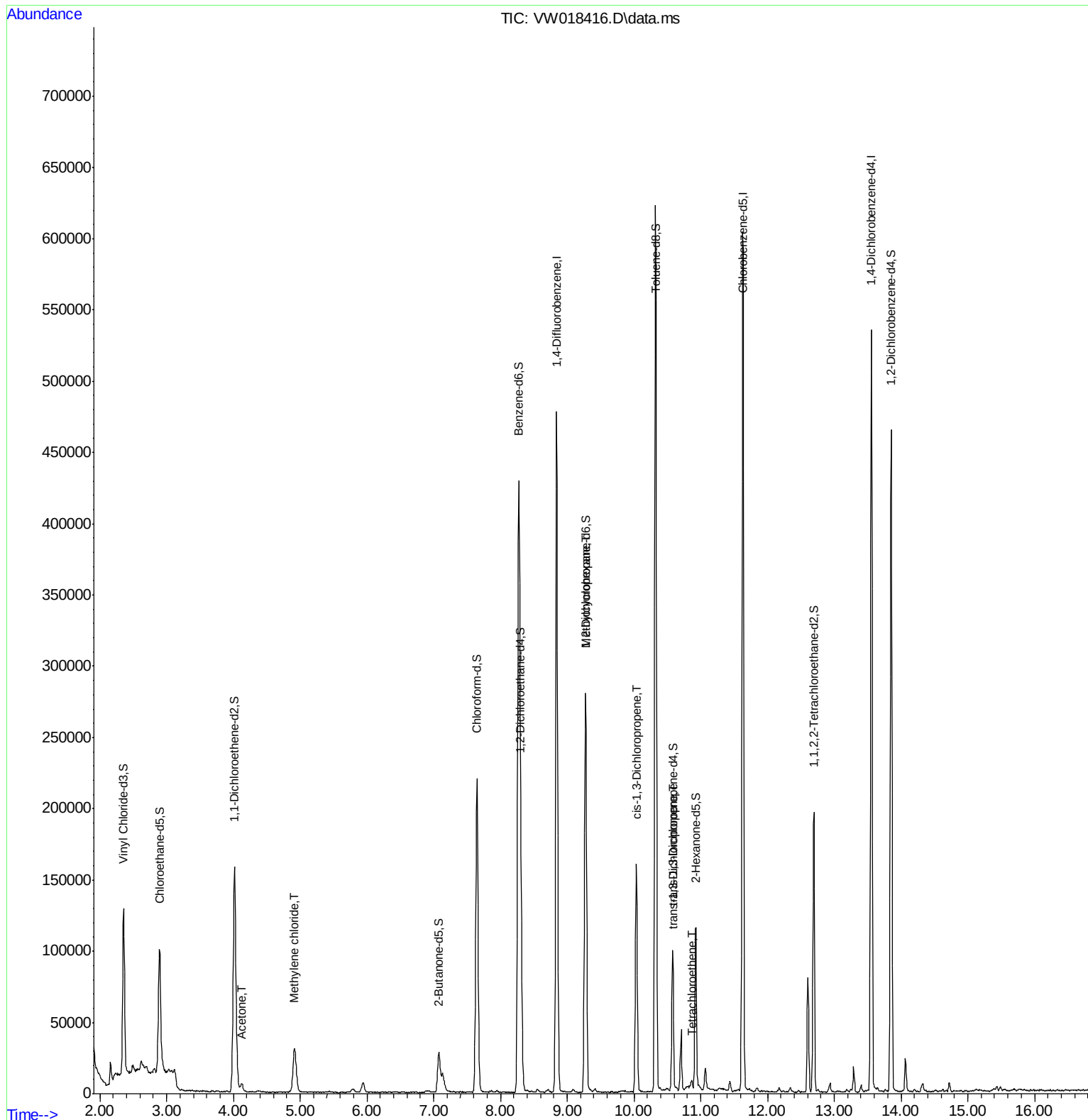
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	390406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	319363	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	133540	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	130172	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.84%
7) Chloroethane-d5	2.891	69	115061	24.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.76%
10) 1,1-Dichloroethene-d2	4.013	63	164682	17.56	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.24%
20) 2-Butanone-d5	7.079	46	48718	40.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.56%
24) Chloroform-d	7.646	84	223753	22.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	8.305	65	128459	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.52%
29) Benzene-d6	8.274	84	438007	25.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.20%
33) 1,2-Dichloropropane-d6	9.274	67	124677	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	10.323	98	403983	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.84%
38) trans-1,3-Dichloroprop...	10.579	79	53543	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.80%
39) 2-Hexanone-d5	10.920	63	39565	41.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.56%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	93051	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.96%
61) 1,2-Dichlorobenzene-d4	13.853	152	112516	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%
Target Compounds						
13) Acetone	4.123	43	8643	9.95	ug/L	82
16) Methylene chloride	4.915	84	25402	3.97	ug/L	94
36) Methylcyclohexane	9.274	83	31429	3.51	ug/L #	21
42) cis-1,3-Dichloropropene	10.036	75	5104	0.67	ug/L #	68
45) trans-1,3-Dichloropropene	10.585	75	2942	0.43	ug/L	88
47) Tetrachloroethene	10.865	164	1250	0.32	ug/L	88

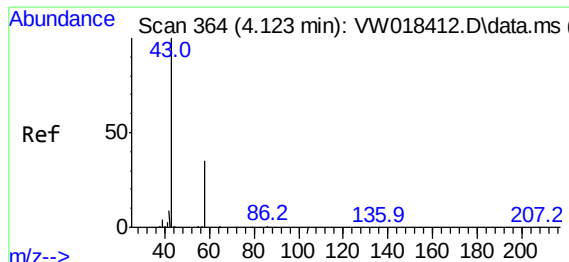
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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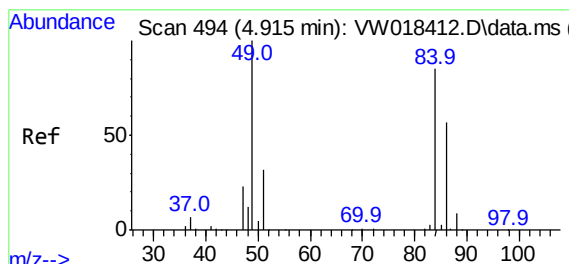
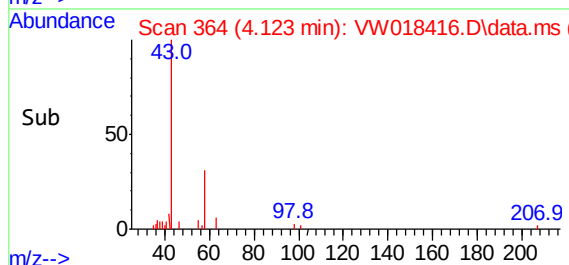
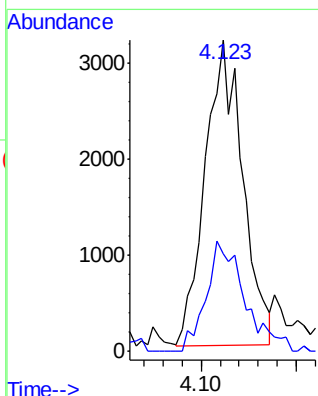
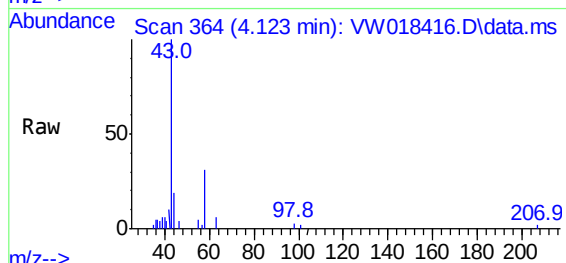




#13
Acetone
Concen: 9.95 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018416.D
Acq: 22 Mar 2021 12:19

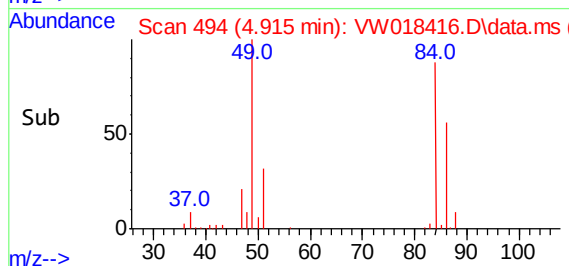
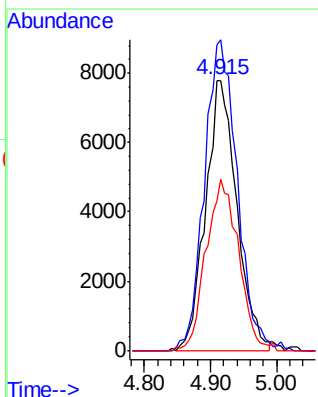
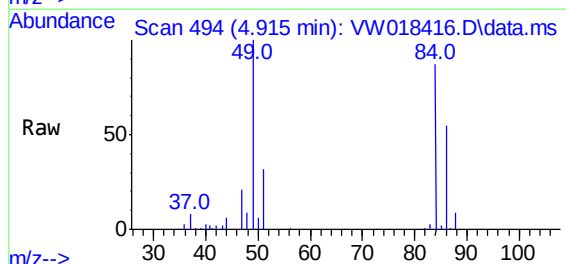
Instrument :
MSVOA_W
ClientSampled :
BG4L5RE

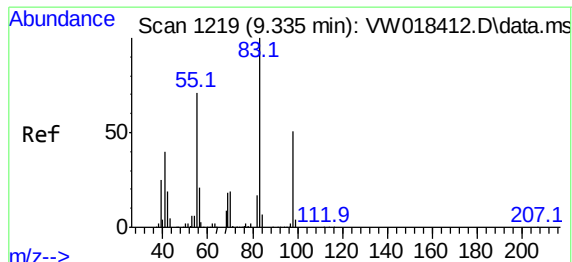
Tgt Ion: 43 Resp: 8643
Ion Ratio Lower Upper
43 100
58 21.3 0.0 62.2



#16
Methylene chloride
Concen: 3.97 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018416.D
Acq: 22 Mar 2021 12:19

Tgt Ion: 84 Resp: 25402
Ion Ratio Lower Upper
84 100
49 115.0 74.4 138.2
86 63.4 46.1 85.7

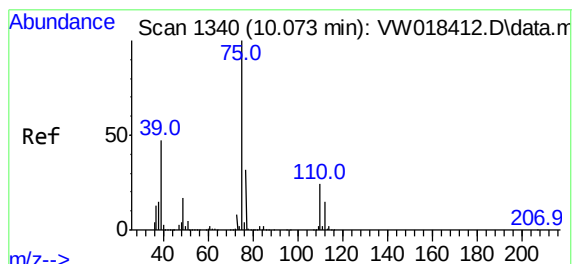
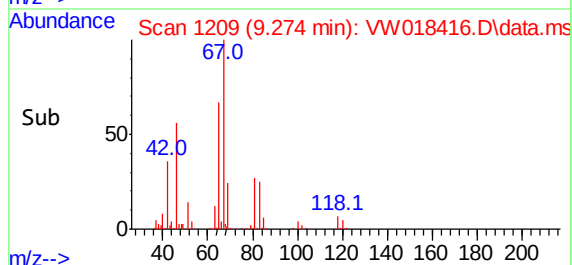
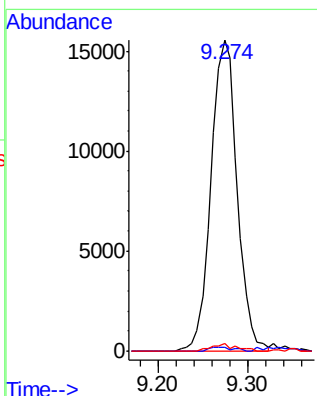
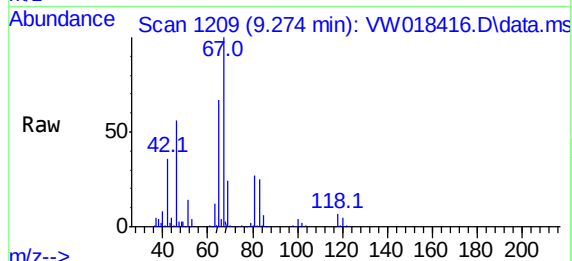




#36
Methylcyclohexane
Concen: 3.51 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018416.D
Acq: 22 Mar 2021 12:19

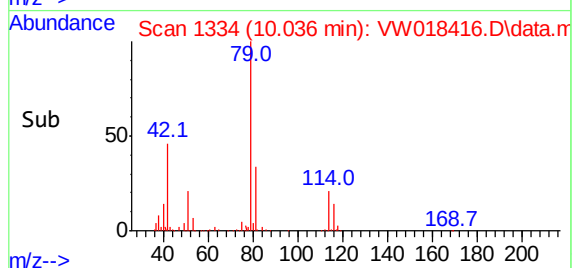
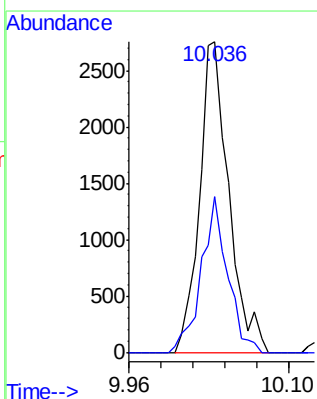
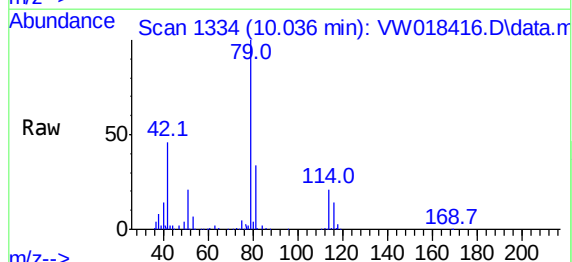
Instrument :
MSVOA_W
ClientSampleId :
BG4L5RE

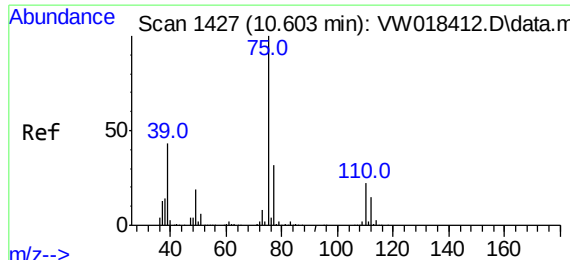
Tgt Ion: 83 Resp: 31429
Ion Ratio Lower Upper
83 100
55 0.8 56.8 85.2#
98 1.4 40.6 61.0#



#42
cis-1,3-Dichloropropene
Concen: 0.67 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018416.D
Acq: 22 Mar 2021 12:19

Tgt Ion: 75 Resp: 5104
Ion Ratio Lower Upper
75 100
77 50.0 22.4 41.6#

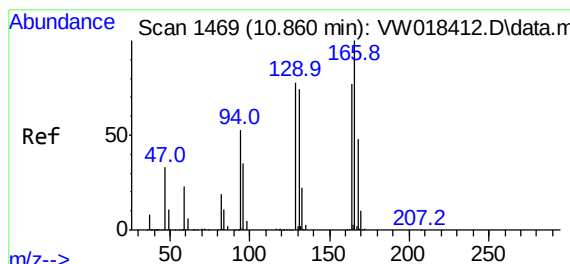
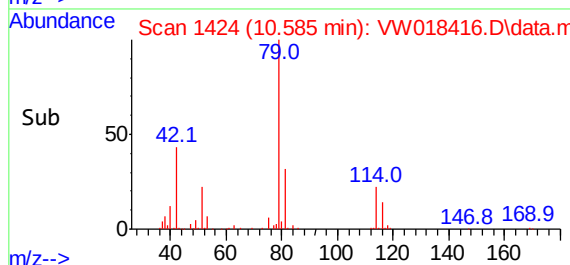
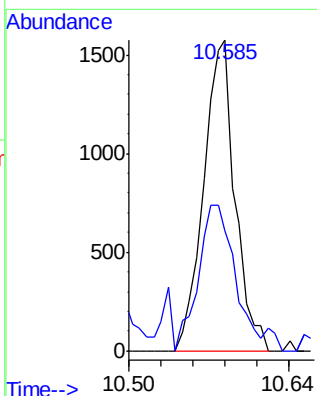
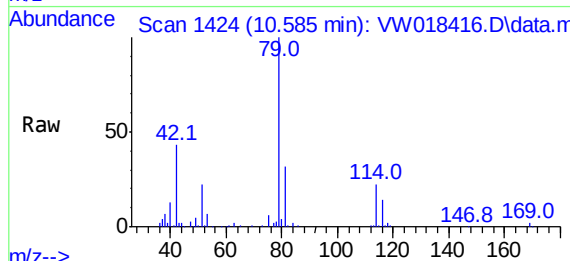




#45
trans-1,3-Dichloropropene
Concen: 0.43 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.019 min
Lab File: VW018416.D
Acq: 22 Mar 2021 12:19

Instrument :
MSVOA_W
ClientSampleId :
BG4L5RE

Tgt Ion: 75 Resp: 2942
Ion Ratio Lower Upper
75 100
77 38.8 22.6 42.0



#47
Tetrachloroethene
Concen: 0.32 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018416.D
Acq: 22 Mar 2021 12:19

Tgt Ion: 164 Resp: 1250
Ion Ratio Lower Upper
164 100
129 99.6 68.8 127.8
131 104.7 68.3 126.8
166 108.8 95.4 177.2

