

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032921\
 Data File : VW018481.D
 Acq On : 29 Mar 2021 13:17
 Operator : SY/VA
 Sample : M1816-21
 Misc : 5.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S7

Quant Time: Mar 30 03:12:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 03:10:03 2021
 Response via : Initial Calibration

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

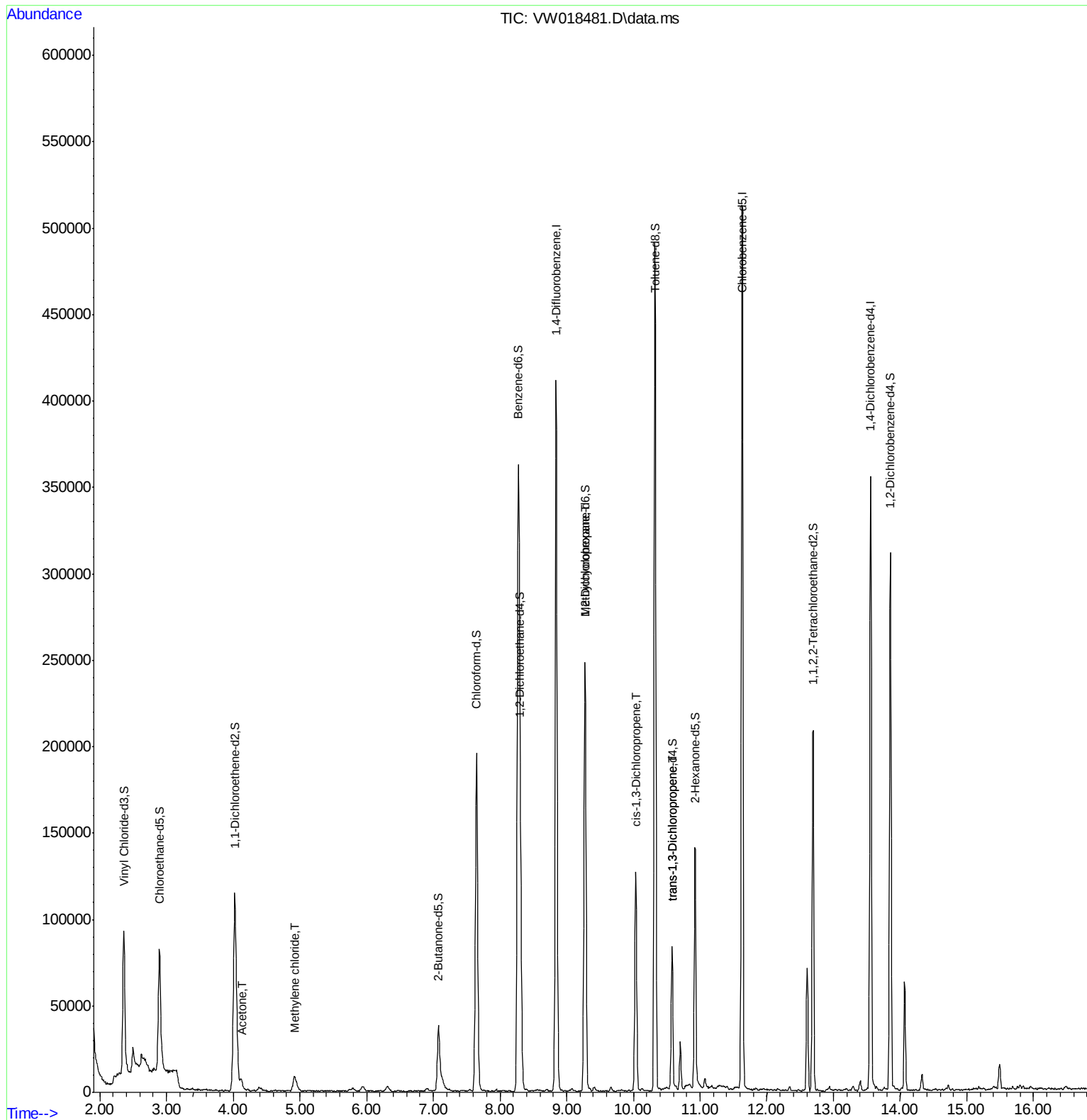
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	343946	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	277144	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	91094	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	108354	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
7) Chloroethane-d5	2.892	69	96638	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
10) 1,1-Dichloroethene-d2	4.025	63	130189	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.080	46	62082	58.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.52%
24) Chloroform-d	7.647	84	195489	22.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	8.305	65	120511	23.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.28%
29) Benzene-d6	8.275	84	366671	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	9.275	67	109626	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.16%
37) Toluene-d8	10.323	98	317487	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.52%
38) trans-1,3-Dichloroprop...	10.579	79	44567	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.32%
39) 2-Hexanone-d5	10.921	63	49594	59.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.26%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	102868	27.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.24%
61) 1,2-Dichlorobenzene-d4	13.853	152	75109	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%
Target Compounds						
13) Acetone	4.129	43	9503	12.41	ug/L	97
16) Methylene chloride	4.922	84	6722	1.19	ug/L	89
36) Methylcyclohexane	9.275	83	28312	3.65	ug/L #	21
42) cis-1,3-Dichloropropene	10.037	75	3834	0.58	ug/L #	63
45) trans-1,3-Dichloropropene	10.579	75	2185	0.37	ug/L #	54

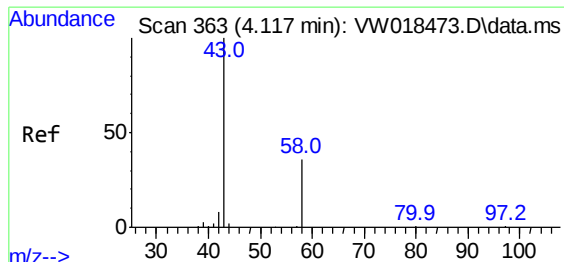
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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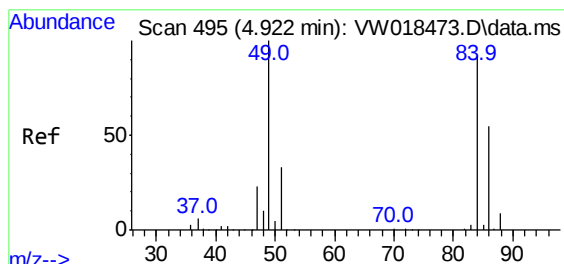
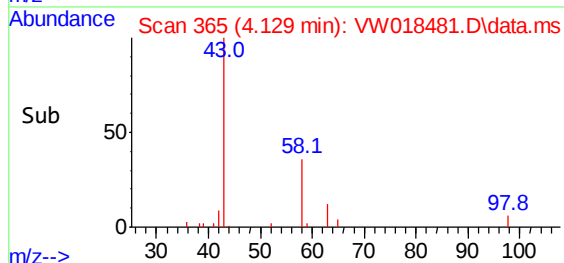
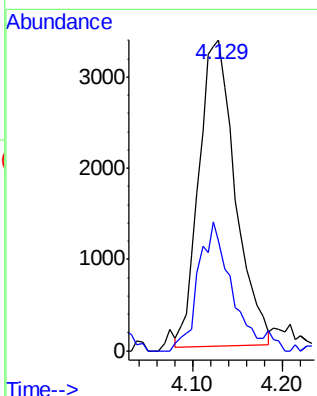
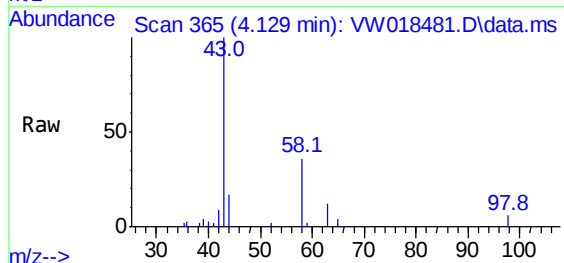




#13
Acetone
Concen: 12.41 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018481.D
Acq: 29 Mar 2021 13:17

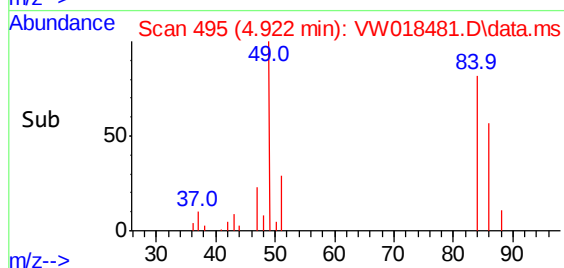
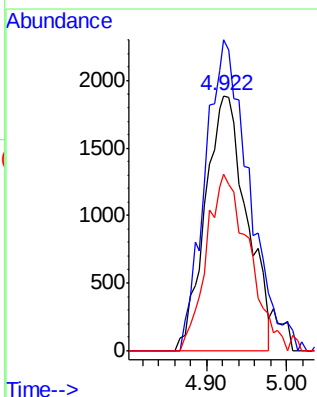
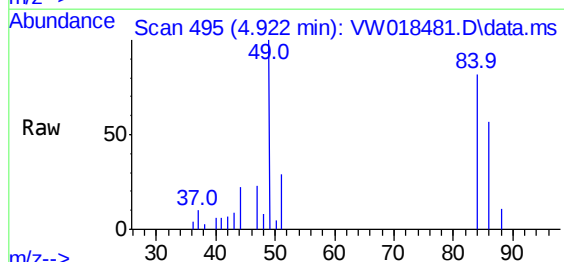
Instrument :
MSVOA_W
ClientSampled :
BG4S7

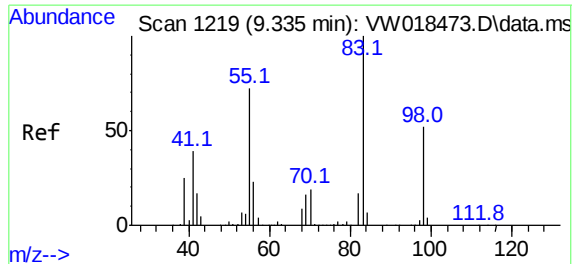
Tgt Ion: 43 Resp: 9503
Ion Ratio Lower Upper
43 100
58 29.4 0.0 62.2



#16
Methylene chloride
Concen: 1.19 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018481.D
Acq: 29 Mar 2021 13:17

Tgt Ion: 84 Resp: 6722
Ion Ratio Lower Upper
84 100
49 121.9 74.4 138.2
86 69.0 46.1 85.7

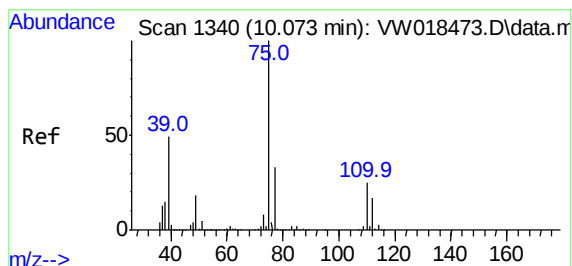
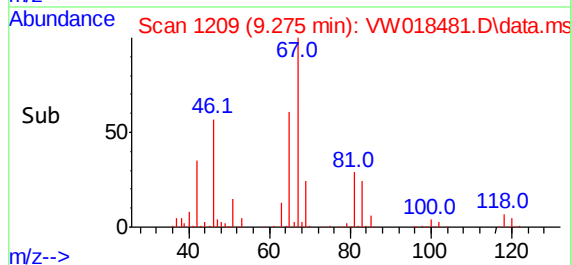
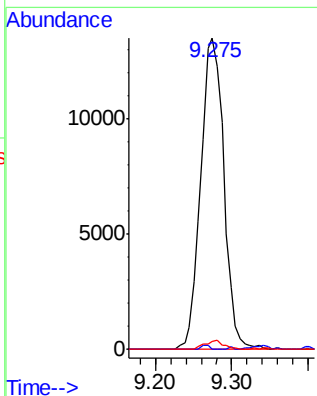
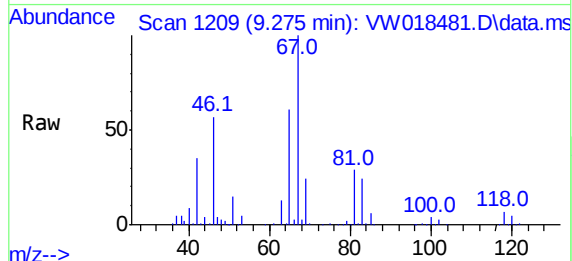




#36
Methylcyclohexane
Concen: 3.65 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018481.D
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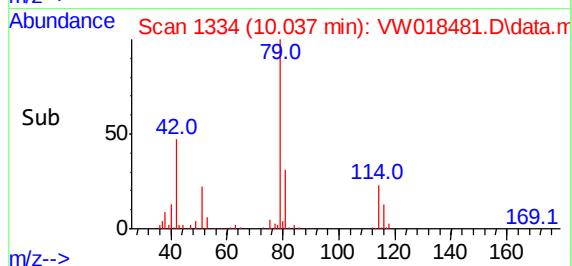
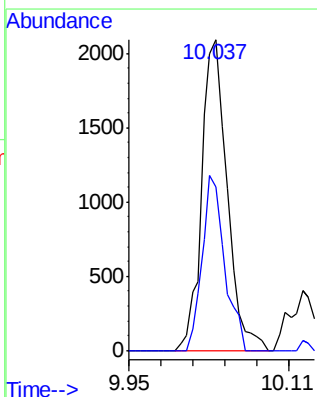
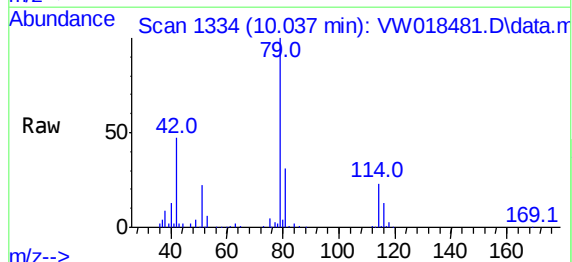
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MSVOA_W
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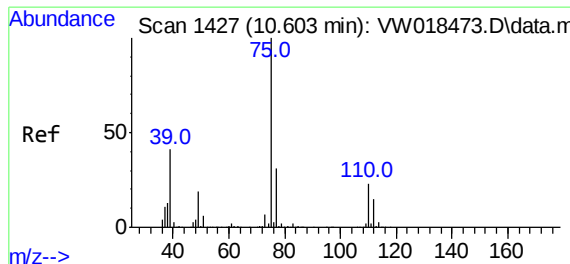
Tgt Ion: 83 Resp: 28312
Ion Ratio Lower Upper
83 100
55 0.3 56.8 85.2#
98 2.0 40.6 61.0#



#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018481.D
Acq: 29 Mar 2021 13:17

Tgt Ion: 75 Resp: 3834
Ion Ratio Lower Upper
75 100
77 52.7 22.4 41.6#





#45
 trans-1,3-Dichloropropene
 Concen: 0.37 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.024 min
 Lab File: VW018481.D
 Acq: 29 Mar 2021 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4S7

Tgt Ion: 75 Resp: 2185
 Ion Ratio Lower Upper
 75 100
 77 58.1 22.6 42.0#

