

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018512.D
 Acq On : 31 Mar 2021 14:59
 Operator : SY/VA
 Sample : M1859-05
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG544

Quant Time: Apr 01 02:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 01 02:04:50 2021
 Response via : Initial Calibration

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

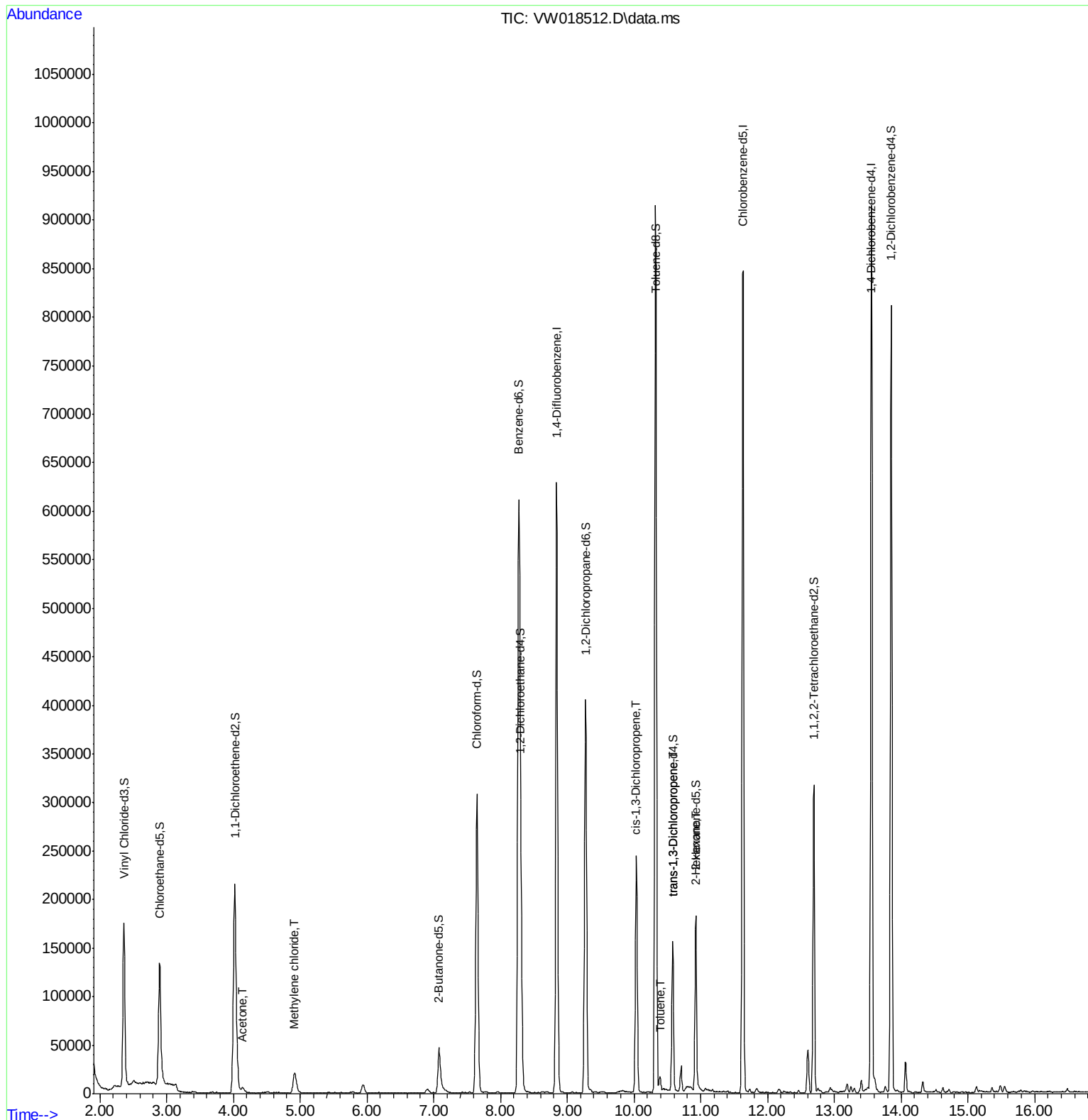
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	513515	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	468681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	228117	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	200456	28.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.20%
7) Chloroethane-d5	2.891	69	165580	26.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.88%
10) 1,1-Dichloroethene-d2	4.019	63	230374	18.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.68%
20) 2-Butanone-d5	7.079	46	74868	47.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.12%
24) Chloroform-d	7.646	84	307622	23.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	8.305	65	191620	25.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.40%
29) Benzene-d6	8.274	84	620987	24.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.68%
33) 1,2-Dichloropropane-d6	9.274	67	179696	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.323	98	605614	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.96%
38) trans-1,3-Dichloroprop...	10.579	79	82770	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.926	63	61955	44.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.10%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	151038	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	13.853	152	195481	24.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.40%
Target Compounds						
13) Acetone	4.135	43	8491	7.43	ug/L	87
16) Methylene chloride	4.909	84	17725	2.10	ug/L	95
42) cis-1,3-Dichloropropene	10.030	75	7165	0.64	ug/L #	75
44) Toluene	10.390	91	10750	0.35	ug/L	92
45) trans-1,3-Dichloropropene	10.579	75	4656	0.46	ug/L	97
49) 2-Hexanone	10.920	43	7434	2.63	ug/L #	44

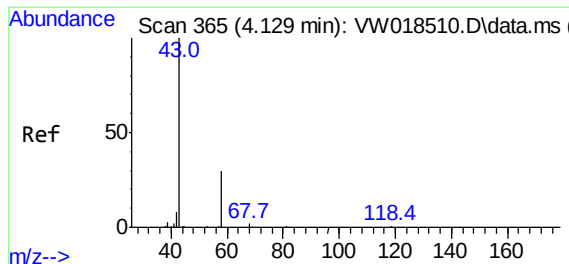
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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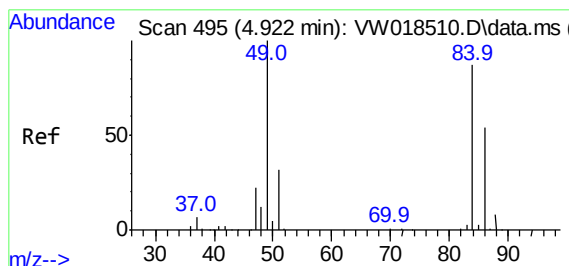
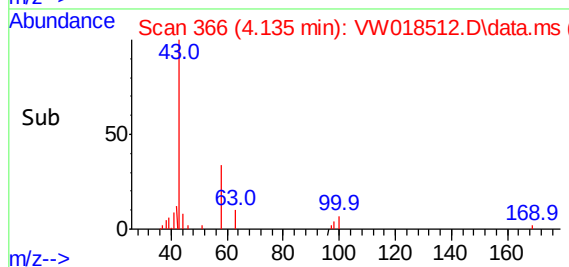
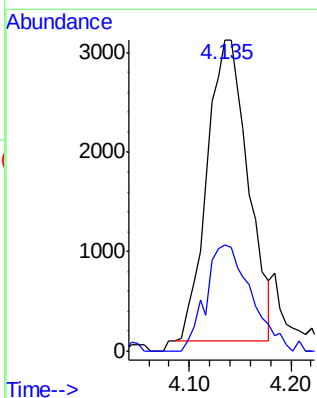
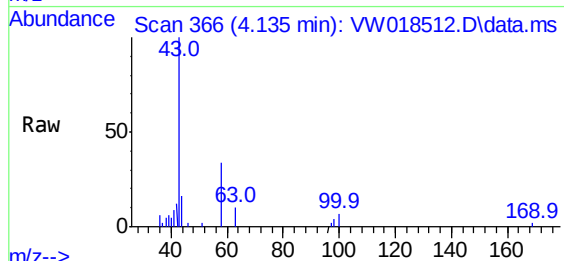




#13
Acetone
Concen: 7.43 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018512.D
Acq: 31 Mar 2021 14:59

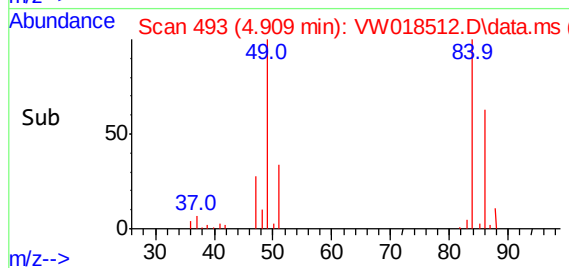
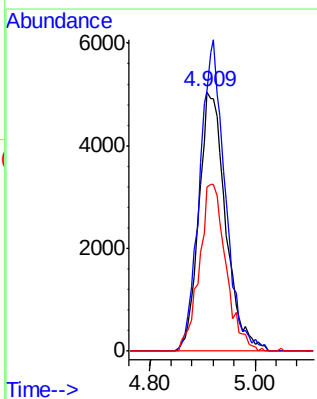
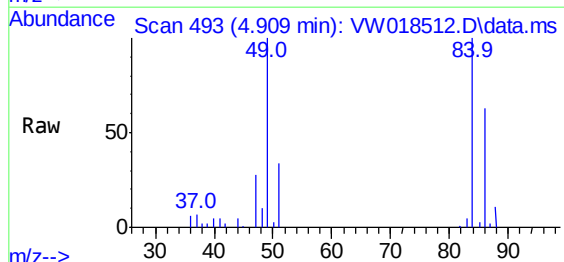
Instrument :
MSVOA_W
ClientSampled :
BG544

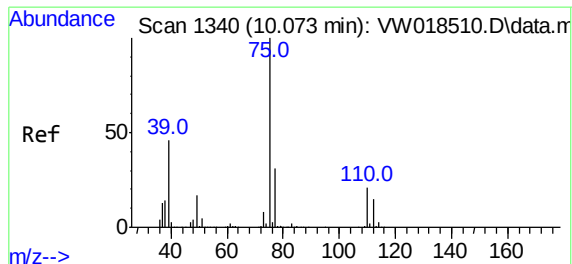
Tgt Ion: 43 Resp: 8491
Ion Ratio Lower Upper
43 100
58 38.5 0.0 62.2



#16
Methylene chloride
Concen: 2.10 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.013 min
Lab File: VW018512.D
Acq: 31 Mar 2021 14:59

Tgt Ion: 84 Resp: 17725
Ion Ratio Lower Upper
84 100
49 100.4 74.4 138.2
86 63.0 46.1 85.7

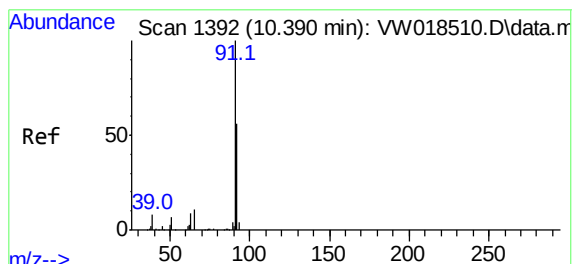
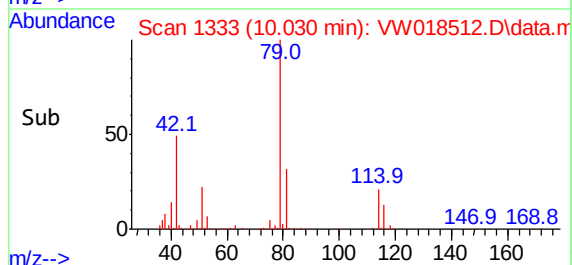
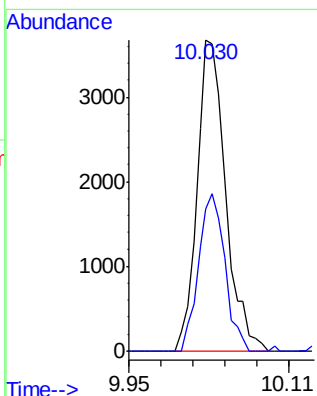
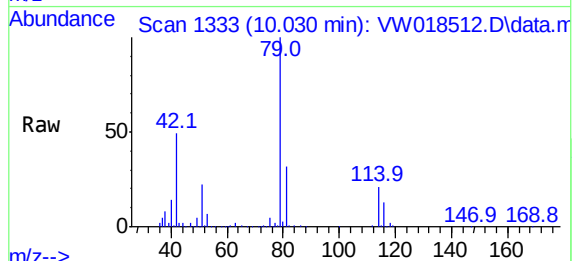




#42
cis-1,3-Dichloropropene
Concen: 0.64 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018512.D
Acq: 31 Mar 2021 14:59

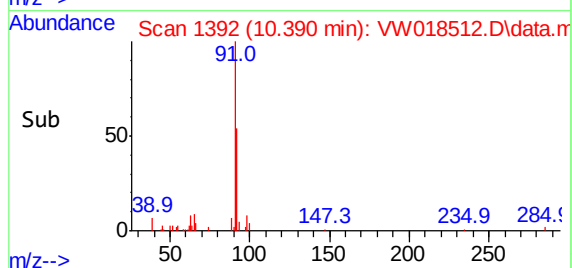
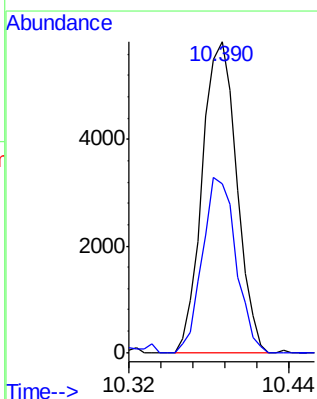
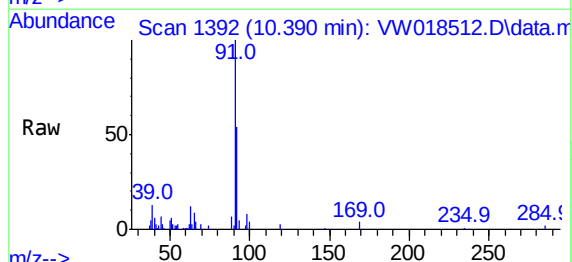
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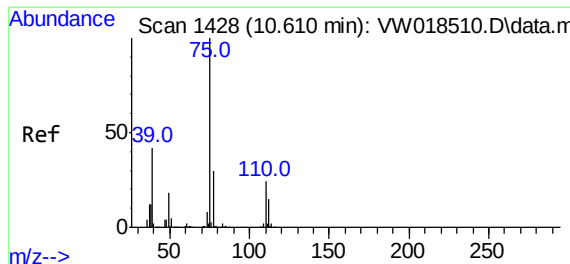
Tgt Ion: 75 Resp: 7165
Ion Ratio Lower Upper
75 100
77 45.7 22.4 41.6#



#44
Toluene
Concen: 0.35 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018512.D
Acq: 31 Mar 2021 14:59

Tgt Ion: 91 Resp: 10750
Ion Ratio Lower Upper
91 100
92 54.5 42.3 78.5

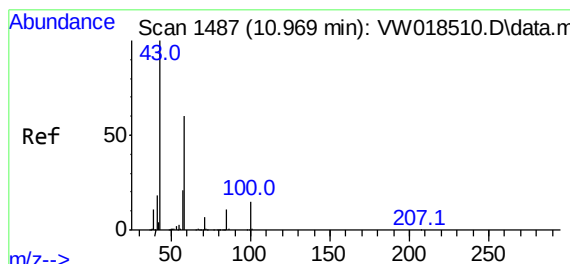
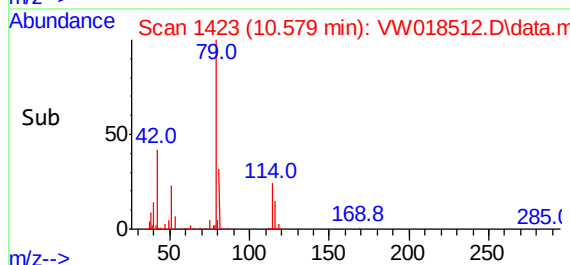
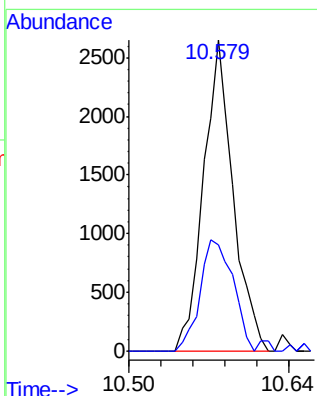
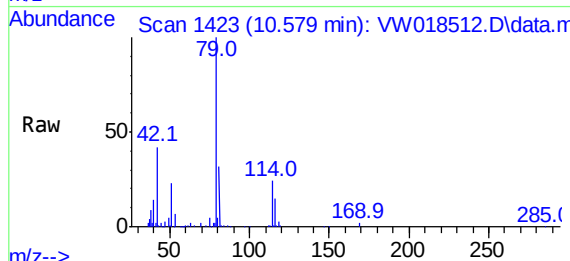




#45
trans-1,3-Dichloropropene
Concen: 0.46 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.031 min
Lab File: VW018512.D
Acq: 31 Mar 2021 14:59

Instrument :
MSVOA_W
ClientSampled :
BG544

Tgt Ion: 75 Resp: 4656
Ion Ratio Lower Upper
75 100
77 34.1 22.6 42.0



#49
2-Hexanone
Concen: 2.63 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018512.D
Acq: 31 Mar 2021 14:59

Tgt Ion: 43 Resp: 7434
Ion Ratio Lower Upper
43 100
58 0.0 47.3 70.9#
57 27.1 17.3 25.9#
100 3.0 12.9 19.3#

