

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040121\
 Data File : VW018540.D
 Acq On : 01 Apr 2021 16:57
 Operator : SY/VA
 Sample : M1896-07
 Misc : 5.66G/10ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG583

Quant Time: Apr 02 03:33:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 03:28:33 2021
 Response via : Initial Calibration

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

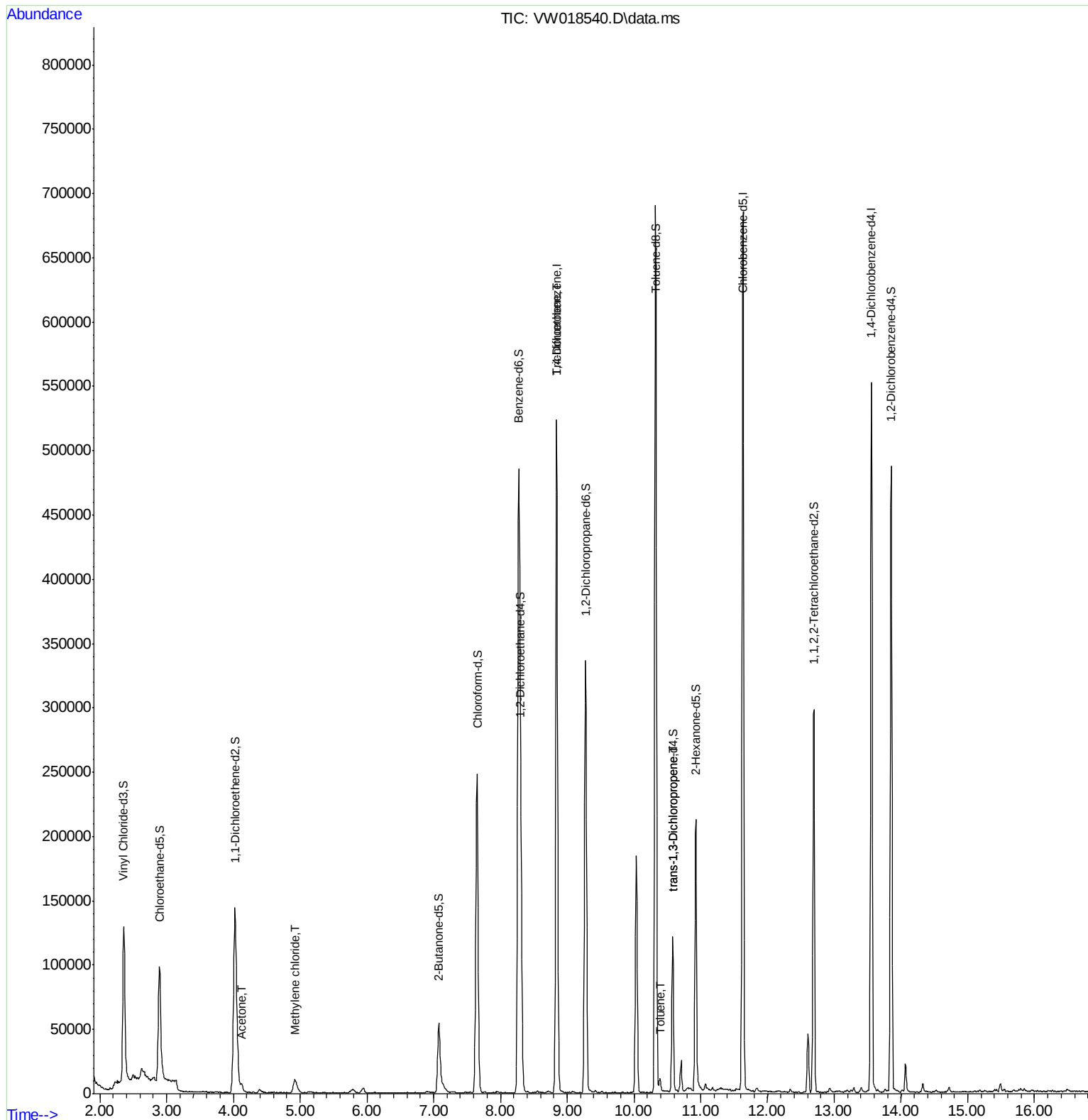
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	417675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	363409	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	141179	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	162084	27.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.56%
7) Chloroethane-d5	2.891	69	127631	25.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.36%
10) 1,1-Dichloroethene-d2	4.025	63	168950	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.32%
20) 2-Butanone-d5	7.074	46	88989	68.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.54%#
24) Chloroform-d	7.653	84	250396	23.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	8.305	65	165291	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.48%
29) Benzene-d6	8.275	84	487001	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.274	67	145780	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.64%
37) Toluene-d8	10.323	98	454215	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.68%
38) trans-1,3-Dichloroprop...	10.579	79	63230	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.00%
39) 2-Hexanone-d5	10.927	63	71281	65.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.72%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	145171	29.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.48%
61) 1,2-Dichlorobenzene-d4	13.853	152	116521	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%
Target Compounds						
13) Acetone	4.117	43	3871	4.16	ug/L	87
16) Methylene chloride	4.922	84	7822	1.14	ug/L	77
35) Trichloroethene	8.842	95	13285	2.28	ug/L #	6
44) Toluene	10.390	91	7030	0.29	ug/L	92
45) trans-1,3-Dichloropropene	10.579	75	3283	0.42	ug/L #	76

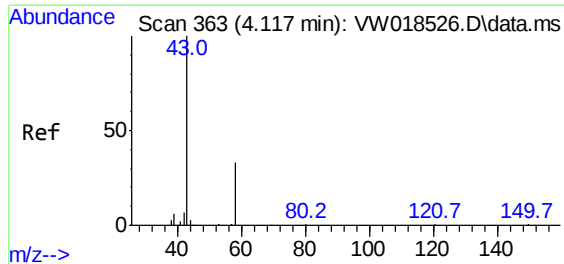
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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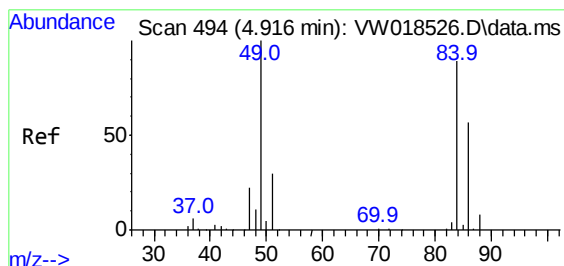
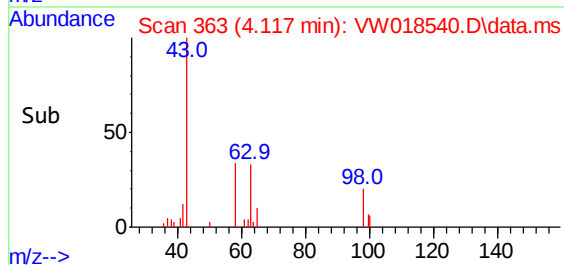
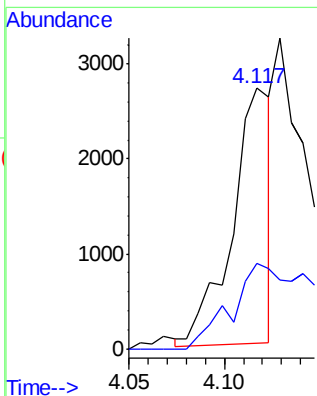
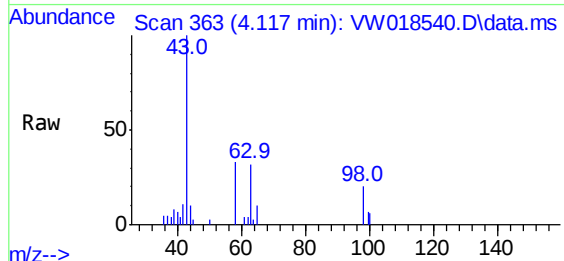




#13
Acetone
Concen: 4.16 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018540.D
Acq: 01 Apr 2021 16:57

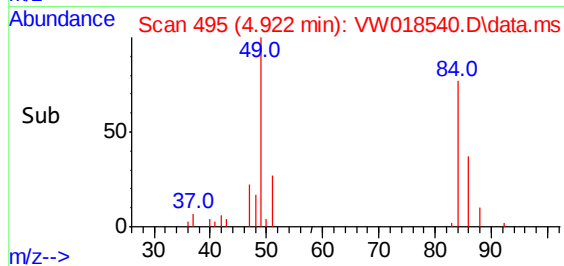
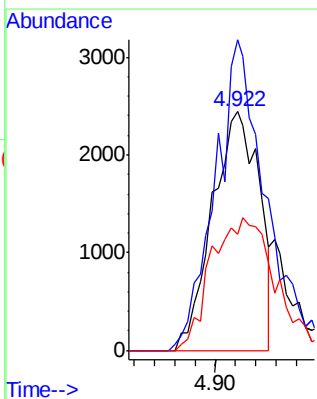
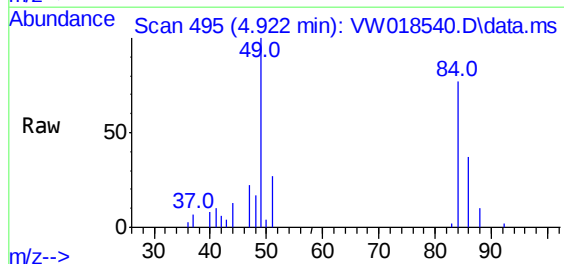
Instrument :
MSVOA_W
ClientSampled :
BG583

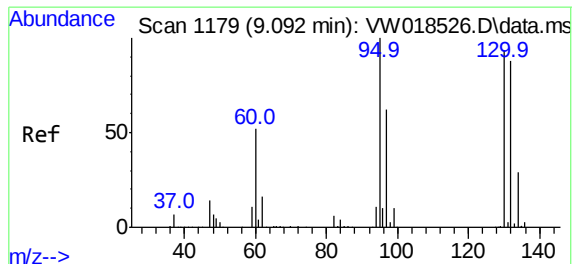
Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
58 23.9 0.0 62.2



#16
Methylene chloride
Concen: 1.14 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018540.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 84 Resp: 7822
Ion Ratio Lower Upper
84 100
49 130.2 74.4 138.2
86 48.5 46.1 85.7

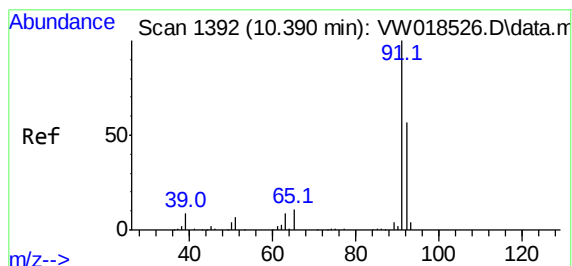
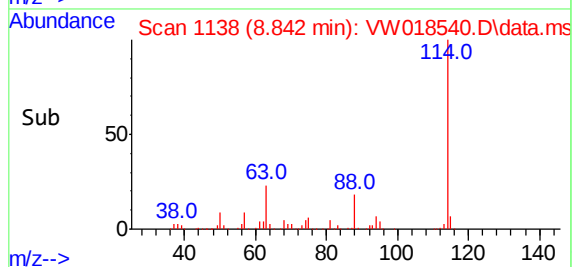
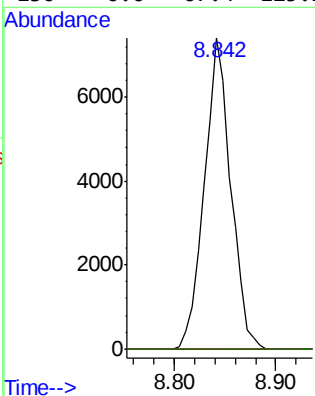
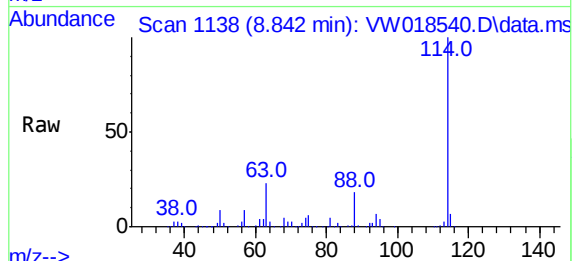




#35
Trichloroethene
Concen: 2.28 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018540.D
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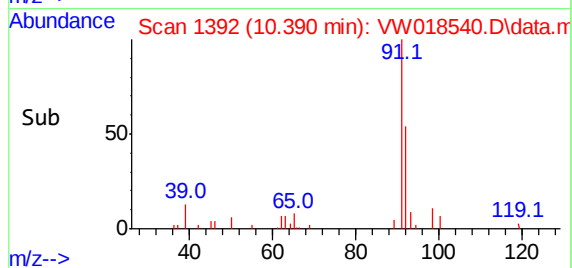
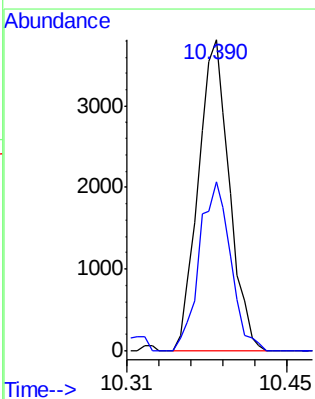
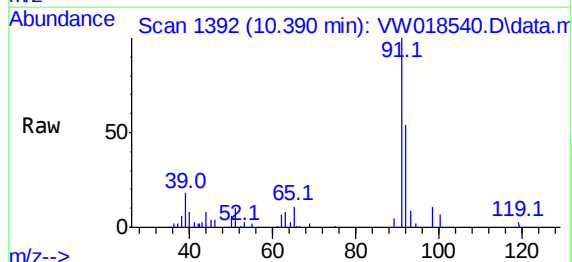
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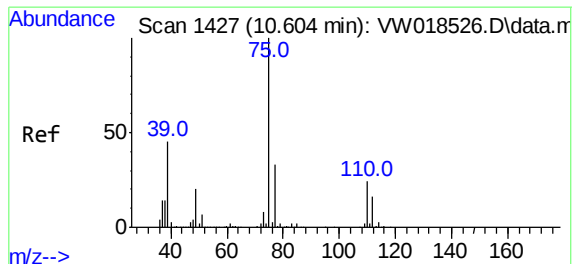
Tgt Ion: 95 Resp: 13285
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.7 65.9 122.5#
130 0.0 67.4 125.2#



#44
Toluene
Concen: 0.29 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018540.D
Acq: 01 Apr 2021 16:57

Tgt Ion: 91 Resp: 7030
Ion Ratio Lower Upper
91 100
92 54.2 42.3 78.5





#45
 trans-1,3-Dichloropropene
 Concen: 0.42 ug/L
 RT: 10.579 min Scan# 1423
 Delta R.T. -0.025 min
 Lab File: VW018540.D
 Acq: 01 Apr 2021 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 BG583

Tgt Ion: 75 Resp: 3283
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.6 42.0#

