

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018926.D
 Acq On : 04 May 2021 18:20
 Operator : SY/VA
 Sample : M2272-08
 Misc : 4.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 00:08:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

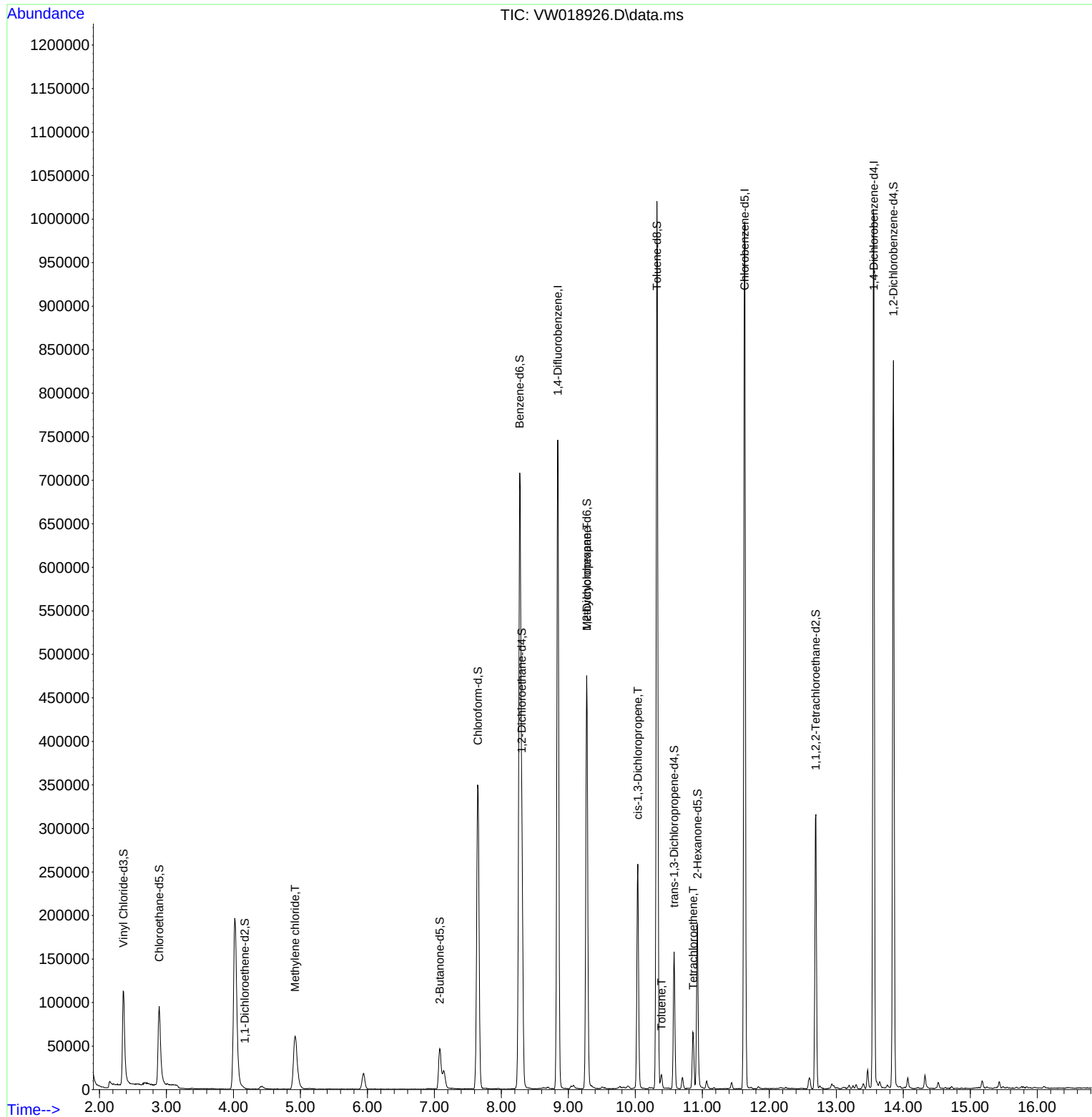
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	607288	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	542487	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	248117	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	157279	20.19	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	80.76%	
7) Chloroethane-d5	2.891	69	128577	21.30	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	85.20%	
11) 1,1-Dichloroethene-d2	4.172	63	404	0.03	ug/L	0.15
Spiked Amount	25.000	Range 45 - 110	Recovery	=	0.12%#	
21) 2-Butanone-d5	7.080	46	77043	37.97	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	75.94%	
24) Chloroform-d	7.653	84	360144	22.59	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	90.36%	
26) 1,2-Dichloroethane-d4	8.305	65	199074	22.36	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	89.44%	
32) Benzene-d6	8.275	84	713937	23.29	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	93.16%	
36) 1,2-Dichloropropane-d6	9.274	67	212082	23.32	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	93.28%	
41) Toluene-d8	10.323	98	655862	22.94	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	91.76%	
43) trans-1,3-Dichloroprop...	10.579	79	83415	20.19	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	80.76%	
47) 2-Hexanone-d5	10.927	63	66108	40.60	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	81.20%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	159138	20.65	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	82.60%	
66) 1,2-Dichlorobenzene-d4	13.853	152	199340	23.45	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	93.80%	
Target Compounds						
16) Methylene chloride	4.922	84	61704	6.15	ug/L	95
35) Methylcyclohexane	9.274	83	53197	3.49	ug/L #	20
39) cis-1,3-Dichloropropene	10.036	75	6758	0.54	ug/L #	82
42) Toluene	10.390	91	11097	0.31	ug/L	99
46) Tetrachloroethene	10.866	164	13566	2.08	ug/L	88

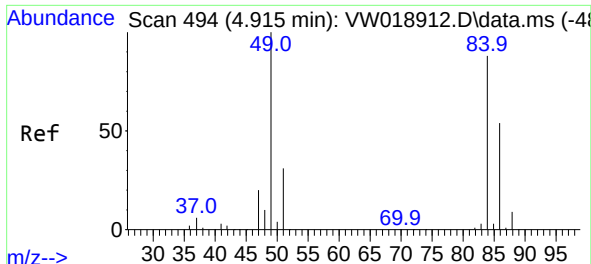
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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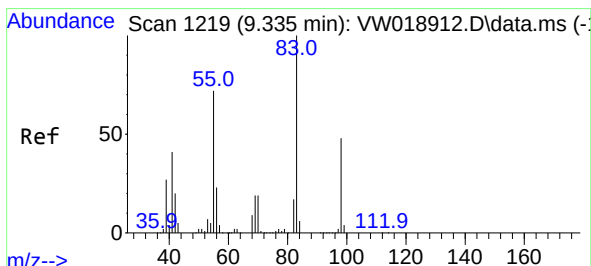
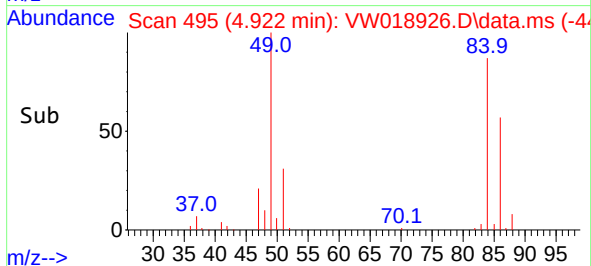
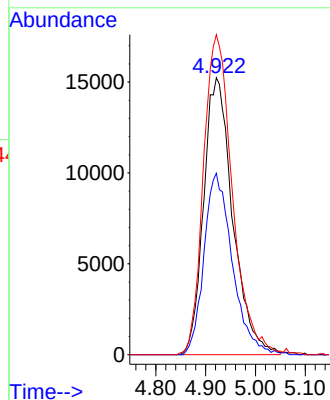
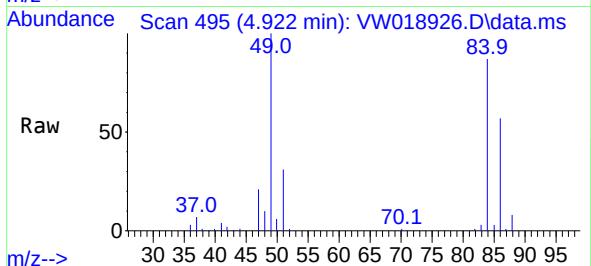




#16
Methylene chloride
Concen: 6.15 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018926.D
Acq: 04 May 2021 18:20

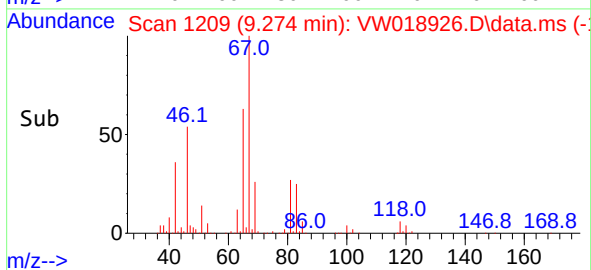
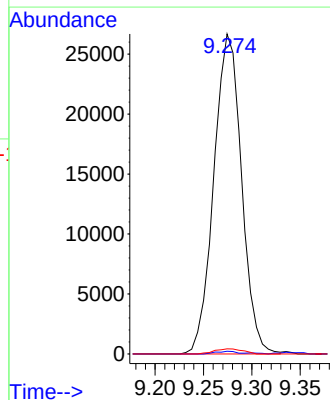
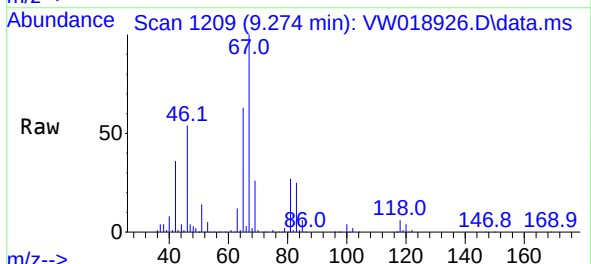
Instrument :
MSVOA_W
ClientSampled :

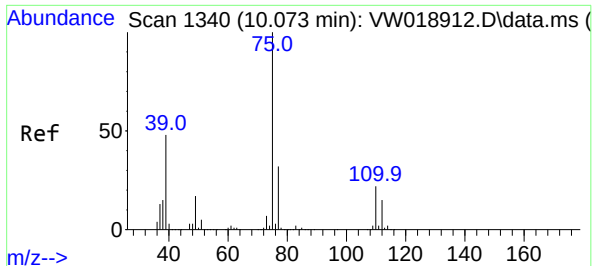
Tgt Ion: 84 Resp: 61704
Ion Ratio Lower Upper
84 100
86 65.5 45.3 84.1
49 115.6 86.6 160.8



#35
Methylcyclohexane
Concen: 3.49 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018926.D
Acq: 04 May 2021 18:20

Tgt Ion: 83 Resp: 53197
Ion Ratio Lower Upper
83 100
55 0.6 58.9 88.3#
98 1.6 40.1 60.1#

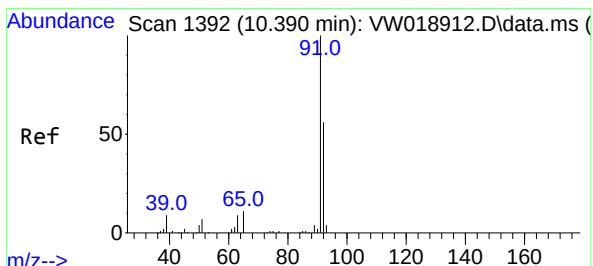
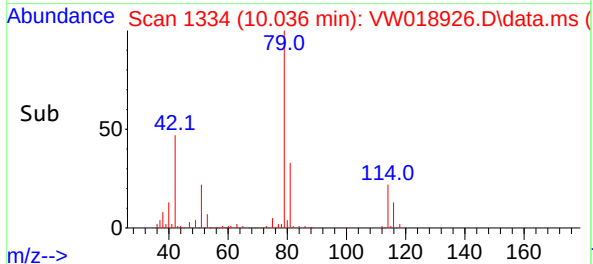
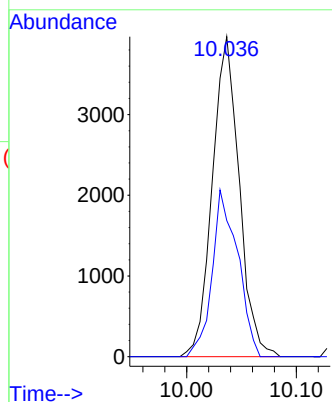
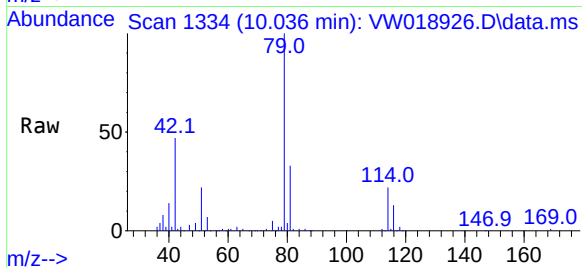




#39
cis-1,3-Dichloropropene
Concen: 0.54 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018926.D
Acq: 04 May 2021 18:20

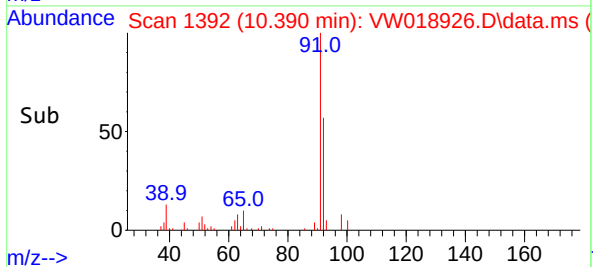
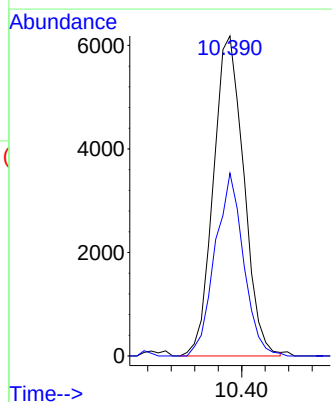
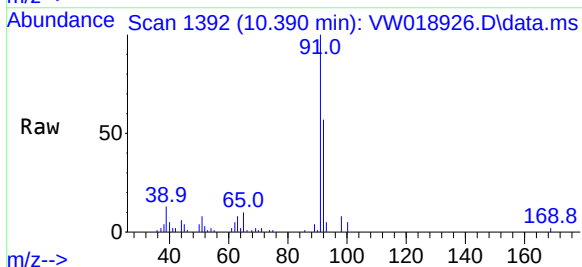
Instrument :
MSVOA_W
ClientSampled :

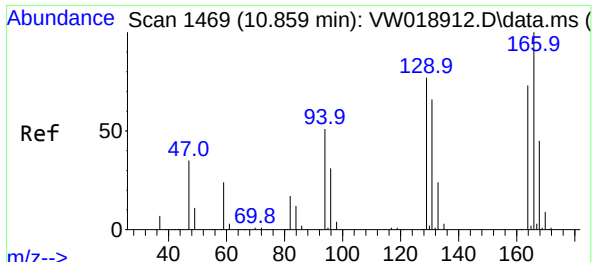
Tgt Ion: 75 Resp: 6758
Ion Ratio Lower Upper
75 100
77 42.6 22.6 42.0#



#42
Toluene
Concen: 0.31 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018926.D
Acq: 04 May 2021 18:20

Tgt Ion: 91 Resp: 11097
Ion Ratio Lower Upper
91 100
92 57.1 39.5 73.3





#46
Tetrachloroethene
Concen: 2.08 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018926.D
Acq: 04 May 2021 18:20

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:164 Resp: 13566

Ion	Ratio	Lower	Upper
164	100		
129	109.1	66.7	123.9
131	98.3	61.1	113.5
166	134.7	87.0	161.6

