

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060921\
 Data File : VW019169.D
 Acq On : 09 Jun 2021 15:29
 Operator : SY/VA
 Sample : M2662-04
 Misc : 5.24G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGDF4

Quant Time: Jun 10 01:15:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 10 01:14:29 2021
 Response via : Initial Calibration

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

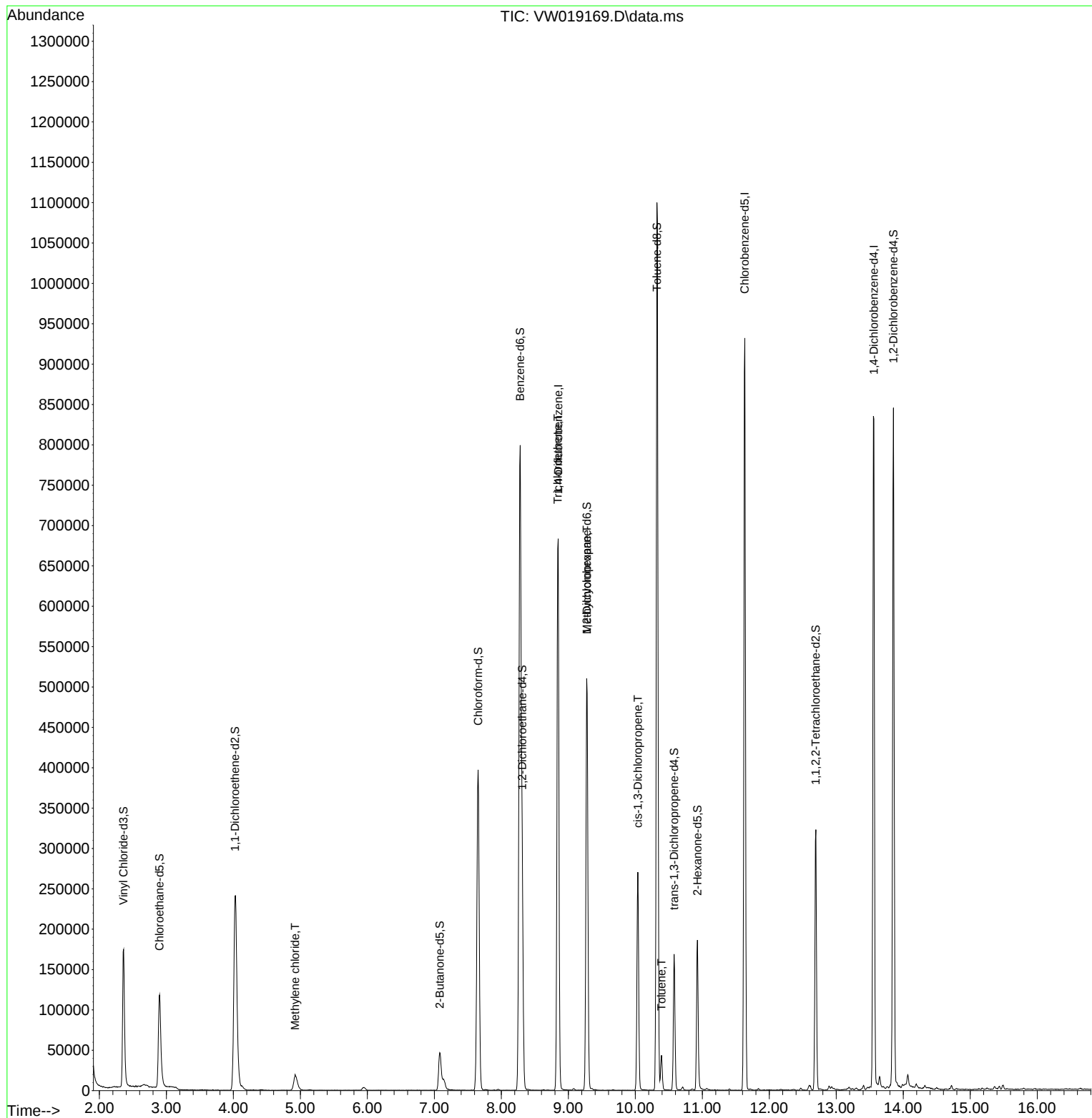
Internal Standards							
1) 1,4-Difluorobenzene		8.848	114	562882	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.634	117	507218	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	215603	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.361	65	210478	28.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.120%	
7) Chloroethane-d5		2.898	69	166017	26.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.760%	
11) 1,1-Dichloroethene-d2		4.025	63	286774	19.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.560%	
21) 2-Butanone-d5		7.080	46	78942	40.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.980%	
24) Chloroform-d		7.653	84	402501	26.597	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.400%	
26) 1,2-Dichloroethane-d4		8.311	65	207028	24.389	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.560%	
32) Benzene-d6		8.281	84	813853	28.163	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.640%	
36) 1,2-Dichloropropane-d6		9.275	67	239315	27.317	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.280%	
41) Toluene-d8		10.323	98	724828	27.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.240%	
43) trans-1,3-Dichloroprop...		10.579	79	91559	24.131	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.520%	
47) 2-Hexanone-d5		10.927	63	63357	42.647	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.300%	
56) 1,1,2,2-Tetrachloroeth...		12.695	84	160946	22.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.080%	
66) 1,2-Dichlorobenzene-d4		13.853	152	208574	27.716	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.880%	
Target Compounds							
						Qvalue	
16) Methylene chloride		4.922	84	17205	1.647	ug/L	97
34) Trichloroethene		8.842	95	17891	2.057	ug/L #	5
35) Methylcyclohexane		9.275	83	56945	3.805	ug/L #	20
39) cis-1,3-Dichloropropene		10.037	75	6937	0.546	ug/L #	75
42) Toluene		10.390	91	29830	0.831	ug/L	98

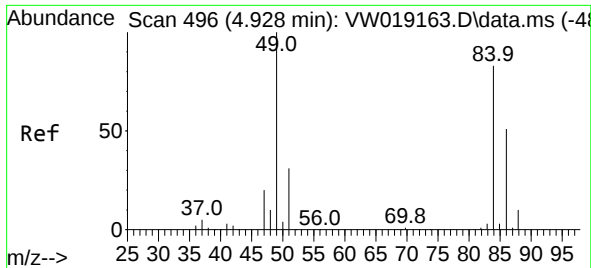
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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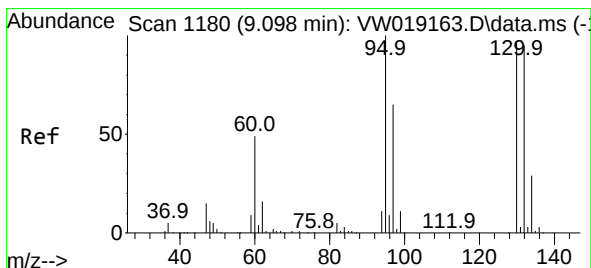
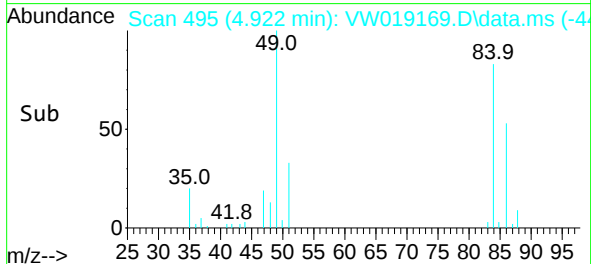
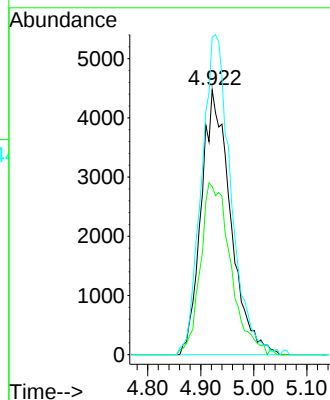
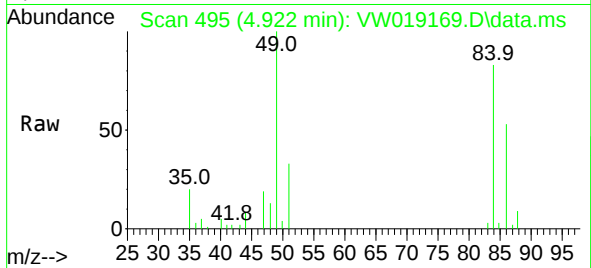




#16
Methylene chloride
Concen: 1.647 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019169.D
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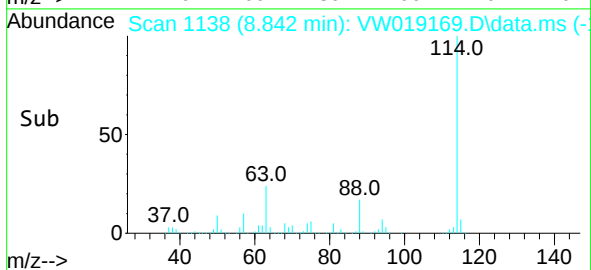
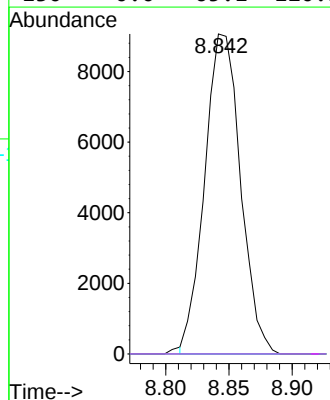
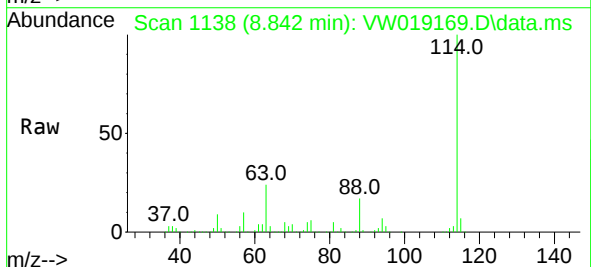
Instrument :
MSVOA_W
ClientSampled :
BGDF4

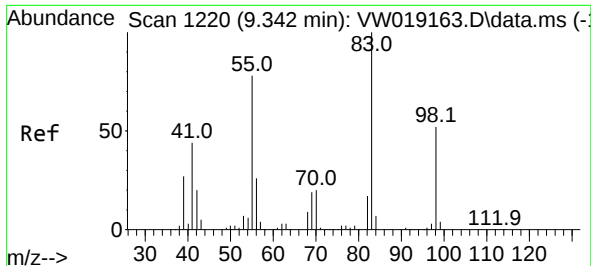
Tgt Ion: 84 Resp: 17205
Ion Ratio Lower Upper
84 100
86 63.5 45.3 84.1
49 120.0 86.6 160.8



#34
Trichloroethene
Concen: 2.057 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.256 min
Lab File: VW019169.D
Acq: 09 Jun 2021 15:29

Tgt Ion: 95 Resp: 17891
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

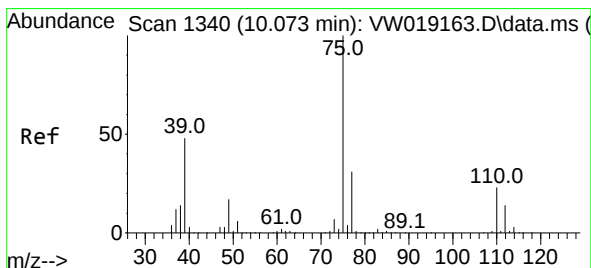
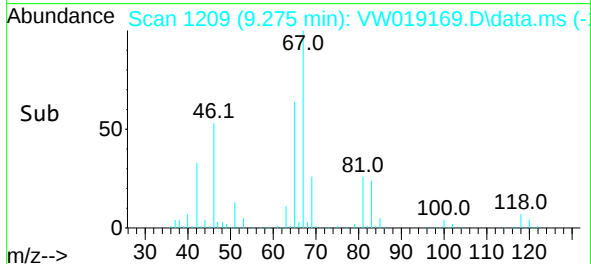
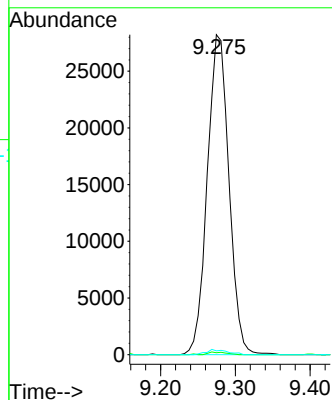
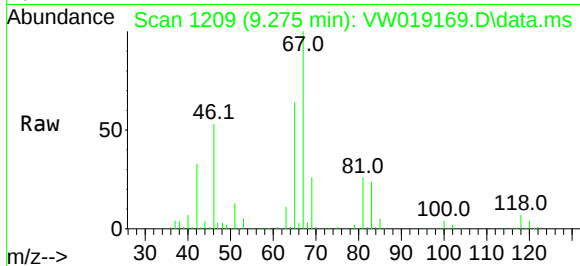




#35
Methylcyclohexane
Concen: 3.805 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019169.D
Acq: 09 Jun 2021 15:29

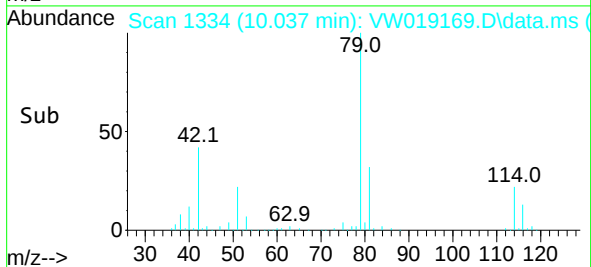
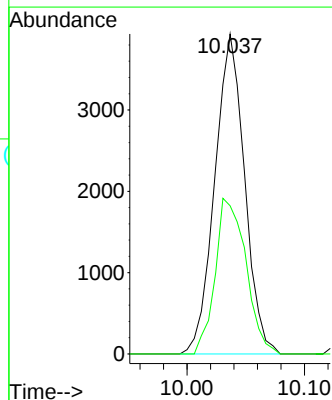
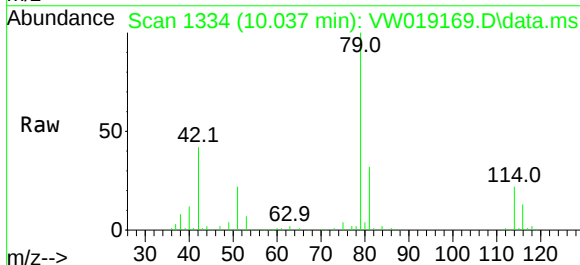
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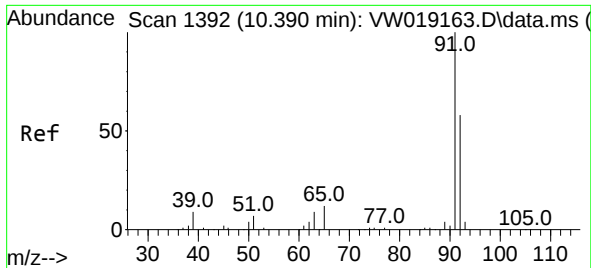
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	58.9	88.3#
98	0.8	40.1	60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.546 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019169.D
Acq: 09 Jun 2021 15:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	46.3	22.6	42.0#





#42
Toluene
Concen: 0.831 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019169.D
Acq: 09 Jun 2021 15:29

Instrument :
MSVOA_W
ClientSampleId :
BGDF4

Tgt Ion: 91 Resp: 29830
Ion Ratio Lower Upper
91 100
92 58.1 39.5 73.3

