

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019830.D
 Acq On : 20 Aug 2021 13:45
 Operator : SY/VA
 Sample : M3486-06
 Misc : 4.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 23:35:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 23:32:55 2021
 Response via : Initial Calibration

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

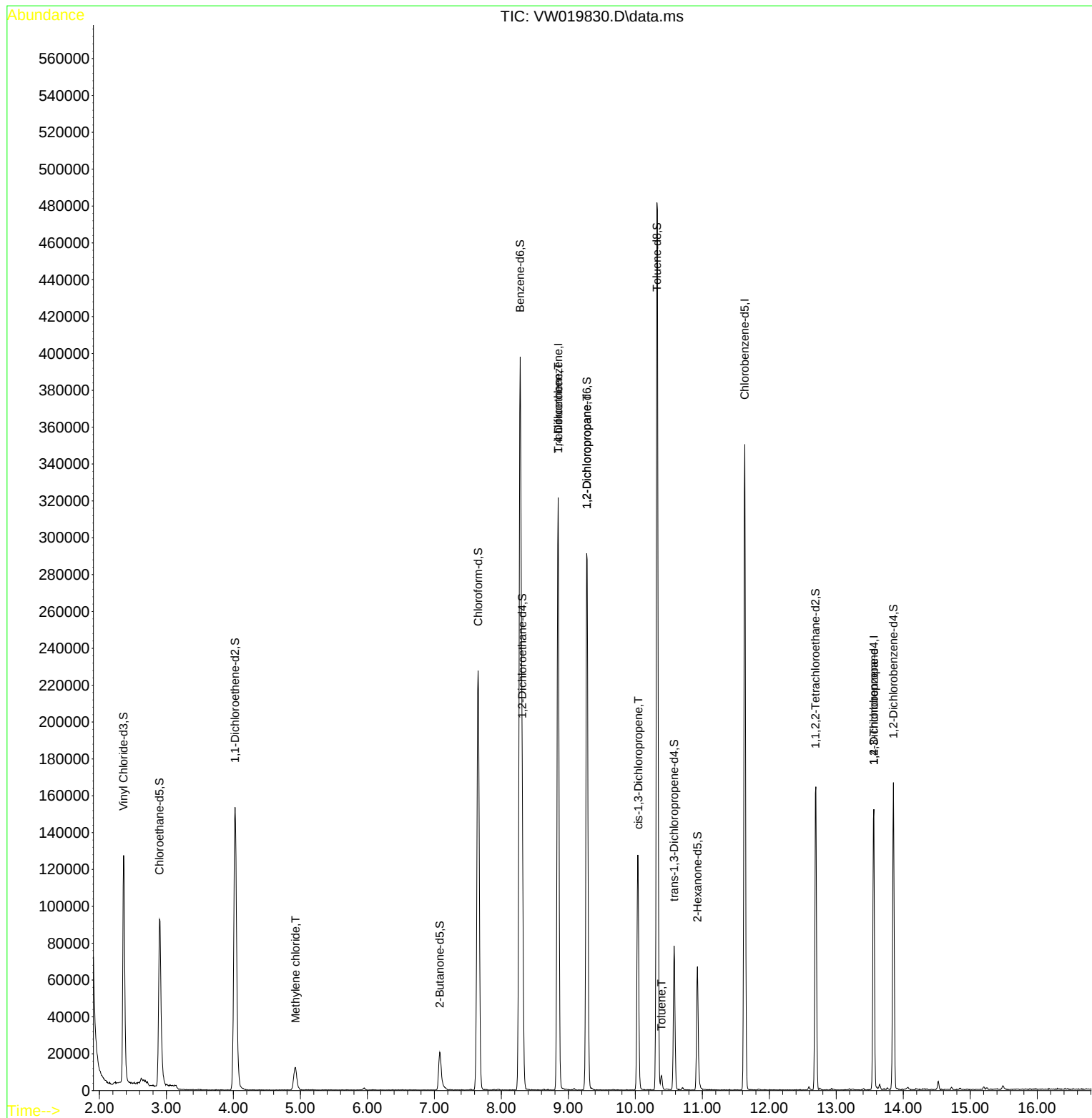
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	259311	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	189280	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	38979	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	149640	37.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.960%
7) Chloroethane-d5	2.898	69	125410	35.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.240%
11) 1,1-Dichloroethene-d2	4.025	63	165238	23.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.800%
21) 2-Butanone-d5	7.080	46	33490	41.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.080%
24) Chloroform-d	7.653	84	233435	32.733	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.920%
26) 1,2-Dichloroethane-d4	8.311	65	113887	29.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.520%
32) Benzene-d6	8.281	84	400018	37.065	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	148.280%#
36) 1,2-Dichloropropane-d6	9.274	67	135973	41.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	166.400%#
41) Toluene-d8	10.323	98	317876	32.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	128.560%
43) trans-1,3-Dichloroprop...	10.579	79	42516	31.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.960%
47) 2-Hexanone-d5	10.927	63	20912	45.931	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	83156	31.262	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.040%#
66) 1,2-Dichlorobenzene-d4	13.853	152	41018	30.678	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.720%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.928	84	10277	2.309	ug/L	90
34) Trichloroethene	8.848	95	7878	2.609	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	15328	5.328	ug/L #	86
39) cis-1,3-Dichloropropene	10.043	75	3428	0.809	ug/L #	65
42) Toluene	10.390	91	5213	0.424	ug/L	92
61) 1,2,3-Trichloropropane	13.560	75	5251	6.871	ug/L #	65

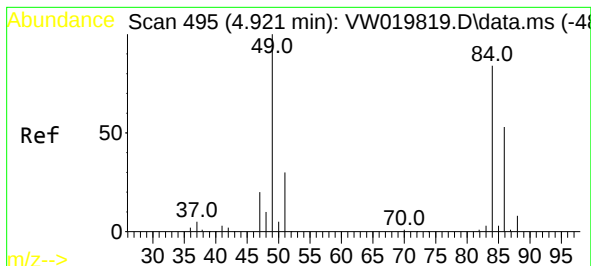
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 20 23:32:55 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.309 ug/L

RT: 4.928 min Scan# 496

Delta R.T. 0.006 min

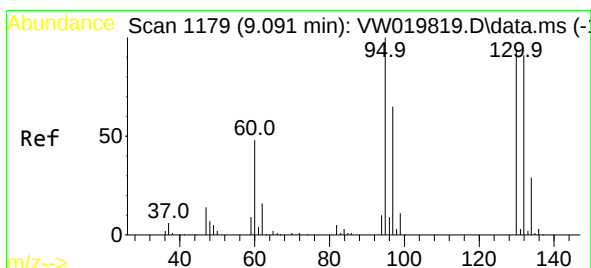
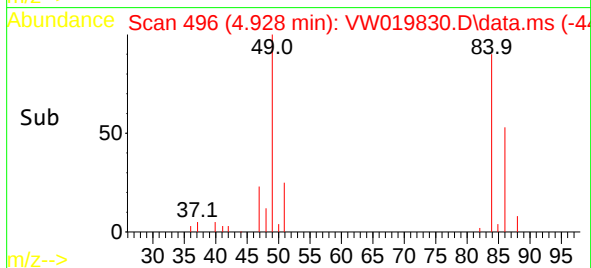
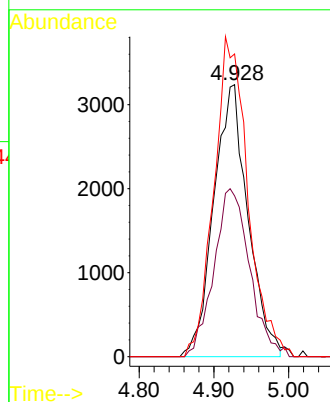
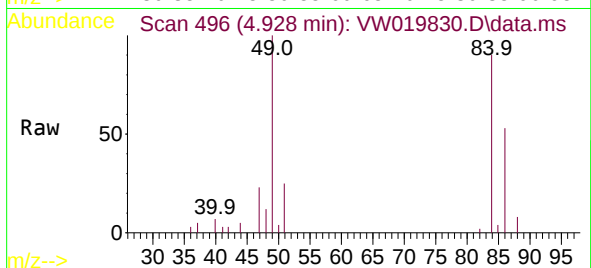
Lab File: VW019830.D

Acq: 20 Aug 2021 13:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 84 Resp: 10277

Ion	Ratio	Lower	Upper
84	100		
86	59.1	45.3	84.1
49	111.3	86.6	160.8



#34

Trichloroethene

Concen: 2.609 ug/L

RT: 8.848 min Scan# 1139

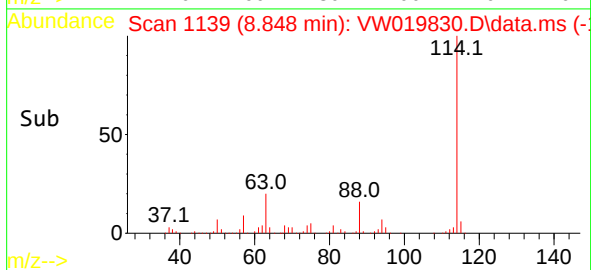
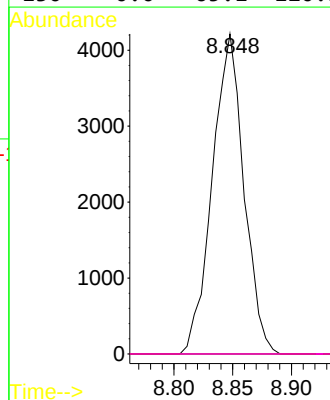
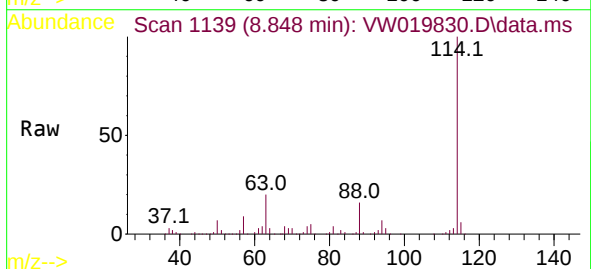
Delta R.T. -0.244 min

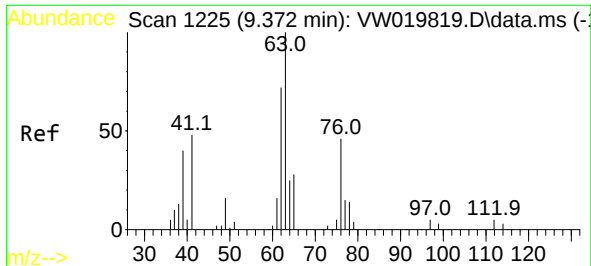
Lab File: VW019830.D

Acq: 20 Aug 2021 13:45

Tgt Ion: 95 Resp: 7878

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#

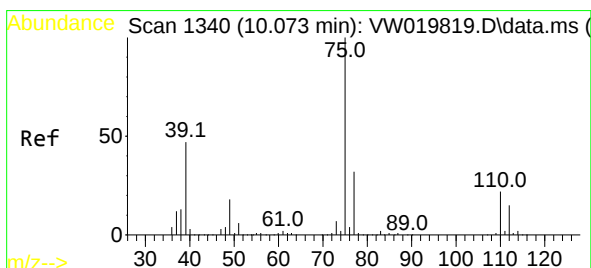
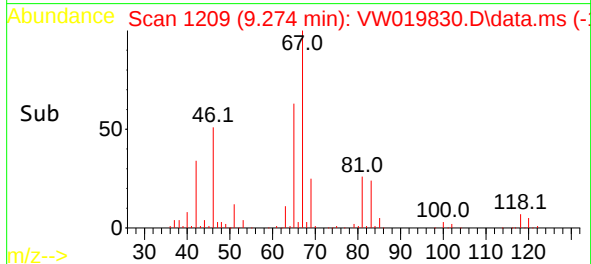
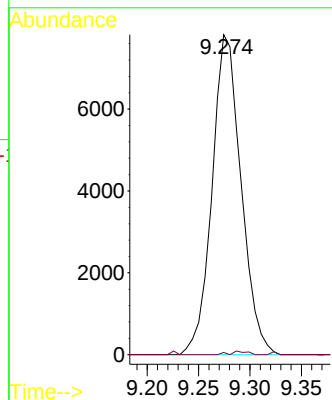
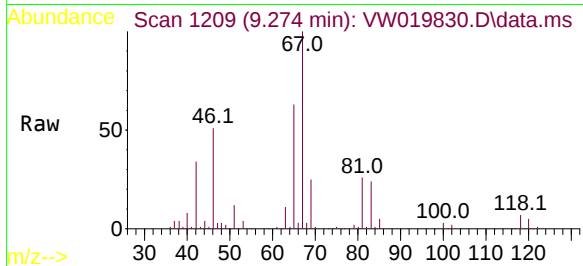




#37
1,2-Dichloropropane
Concen: 5.328 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019830.D
Acq: 20 Aug 2021 13:45

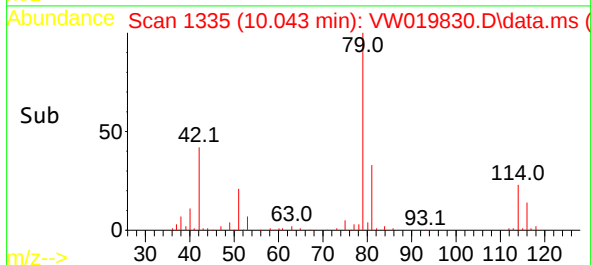
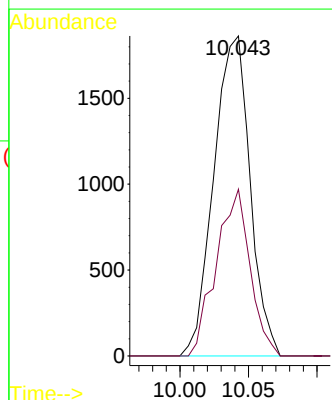
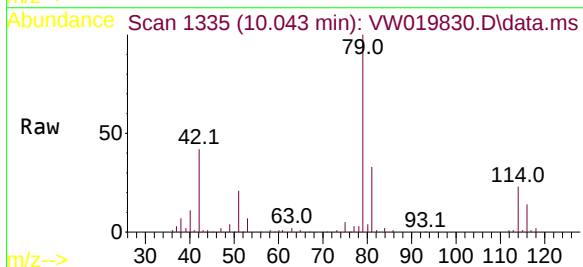
Instrument :
MSVOA_W
ClientSampled :

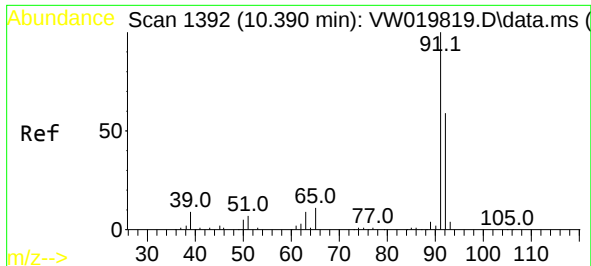
Tgt Ion: 63 Resp: 15328
Ion Ratio Lower Upper
63 100
112 0.1 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.809 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019830.D
Acq: 20 Aug 2021 13:45

Tgt Ion: 75 Resp: 3428
Ion Ratio Lower Upper
75 100
77 52.1 22.6 42.0#

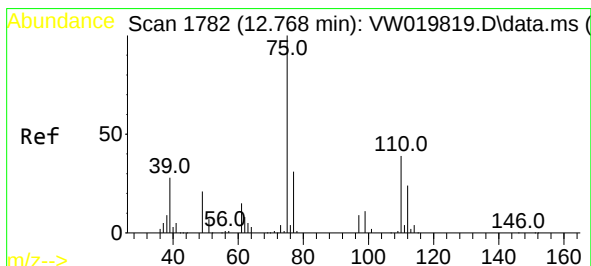
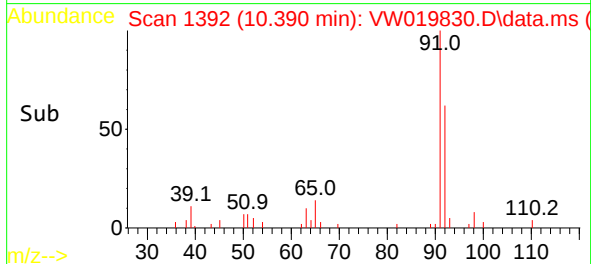
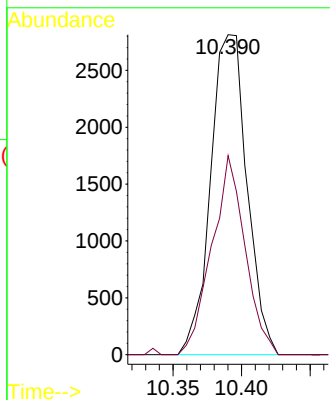
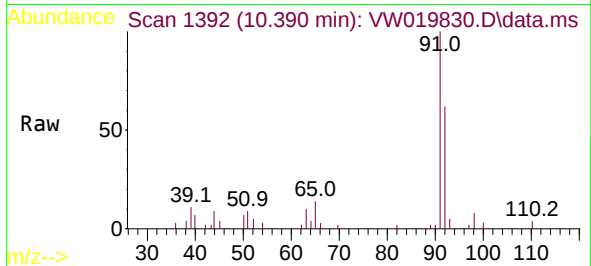




#42
Toluene
Concen: 0.424 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019830.D
Acq: 20 Aug 2021 13:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 91 Resp: 5213
Ion Ratio Lower Upper
91 100
92 62.2 39.5 73.3



#61
1,2,3-Trichloropropane
Concen: 6.871 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019830.D
Acq: 20 Aug 2021 13:45

Tgt Ion: 75 Resp: 5251
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
110 2.2 32.6 48.8#

