

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020138.D
 Acq On : 23 Sep 2021 12:02
 Operator : SY/VA
 Sample : M3834-03
 Misc : 7.18g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 01:40:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 01:36:59 2021
 Response via : Initial Calibration

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

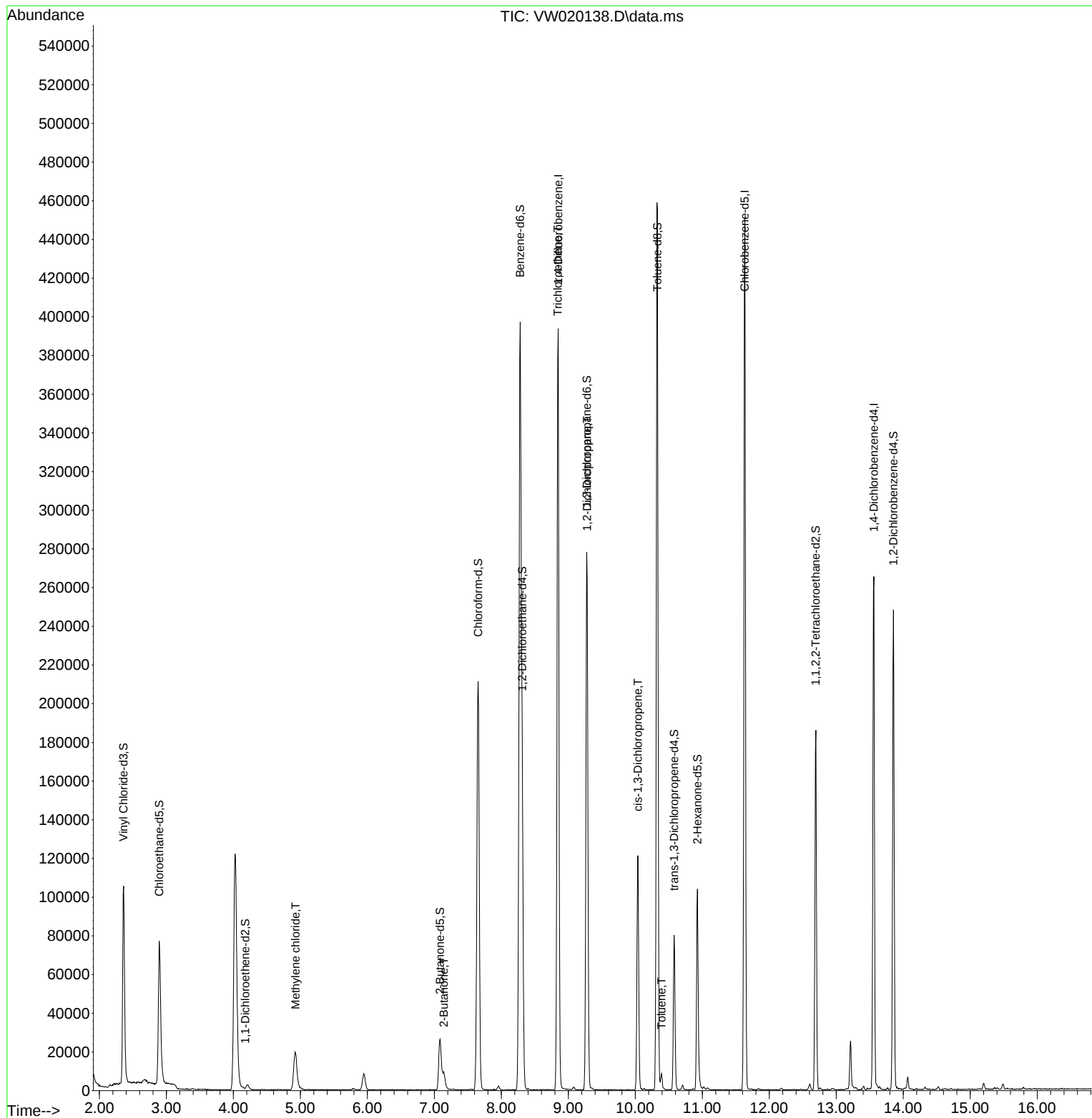
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	310933	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	240241	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65998	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	123518	19.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.680%
7) Chloroethane-d5	2.892	69	98309	20.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
11) 1,1-Dichloroethene-d2	4.178	63	122	0.012	ug/L	0.15
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.040%#
21) 2-Butanone-d5	7.086	46	43766	44.587	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.180%
24) Chloroform-d	7.653	84	217547	22.247	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	8.311	65	124633	23.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.281	84	393622	25.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.720%
36) 1,2-Dichloropropane-d6	9.275	67	125457	28.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.120%
41) Toluene-d8	10.329	98	300042	21.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.040%
43) trans-1,3-Dichloroprop...	10.579	79	43186	22.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.120%
47) 2-Hexanone-d5	10.927	63	31393	51.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.280%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	89791	26.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	61393	24.808	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.240%
Target Compounds						Qvalue
16) Methylene chloride	4.928	84	16870	3.075	ug/L	97
22) 2-Butanone	7.141	43	3559	3.263	ug/L #	47
34) Trichloroethene	8.842	95	9761	2.515	ug/L #	5
37) 1,2-Dichloropropane	9.281	63	15294	4.259	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	3470	0.655	ug/L #	66
42) Toluene	10.390	91	5289	0.343	ug/L	92

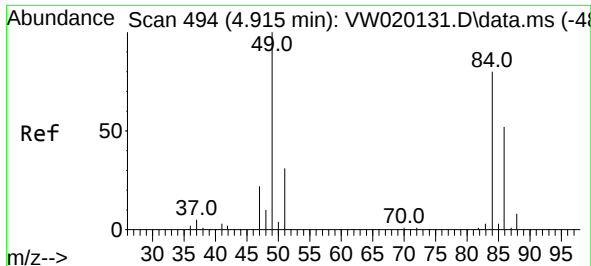
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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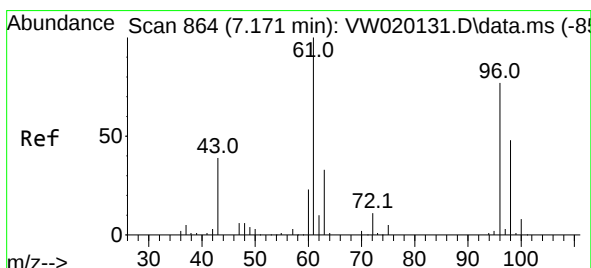
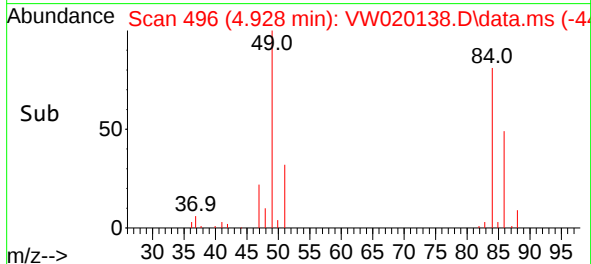
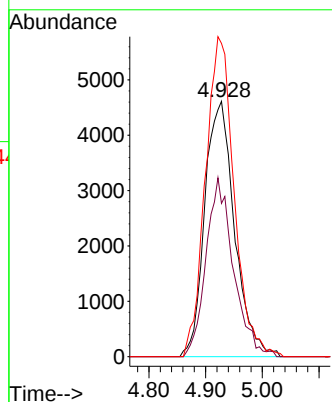
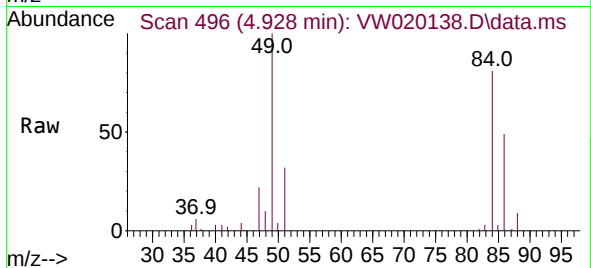




#16
Methylene chloride
Concen: 3.075 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW020138.D
Acq: 23 Sep 2021 12:02

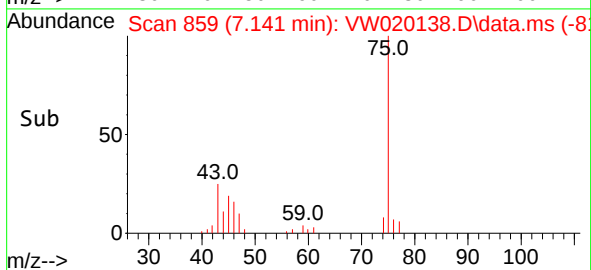
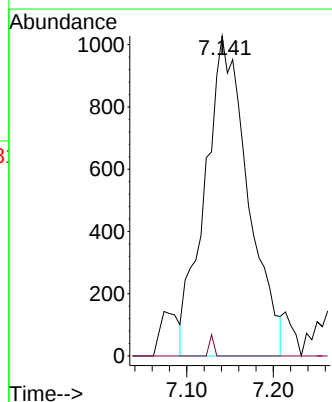
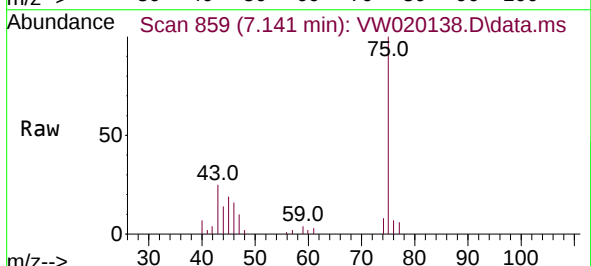
Instrument :
MSVOA_W
ClientSampled :

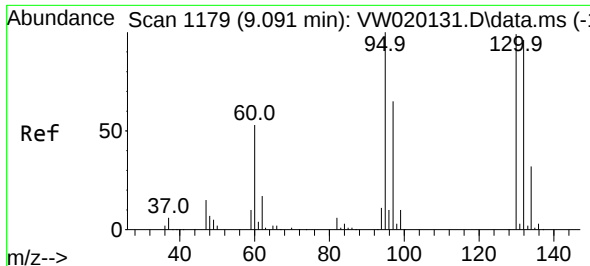
Tgt Ion: 84 Resp: 16870
Ion Ratio Lower Upper
84 100
86 60.0 42.6 79.0
49 122.7 83.4 154.8



#22
2-Butanone
Concen: 3.263 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.030 min
Lab File: VW020138.D
Acq: 23 Sep 2021 12:02

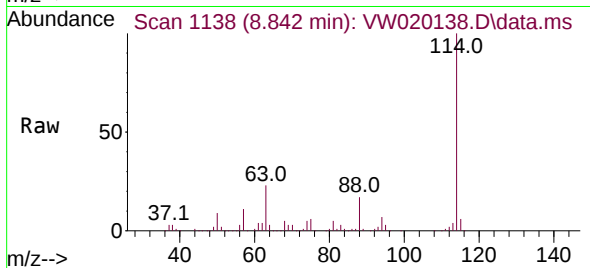
Tgt Ion: 43 Resp: 3559
Ion Ratio Lower Upper
43 100
72 0.0 14.1 42.2#



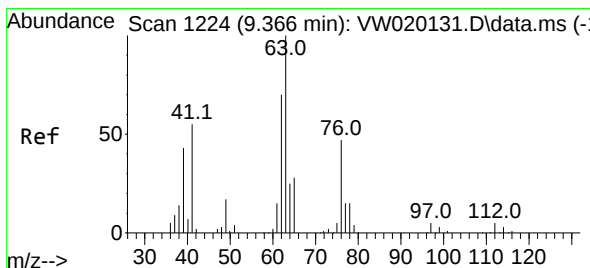
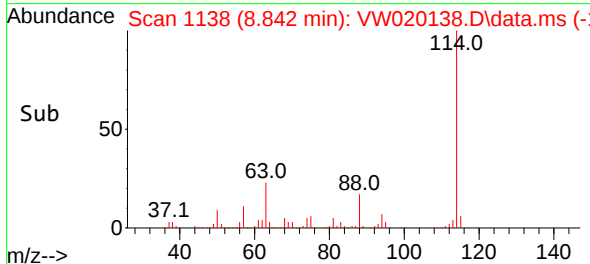
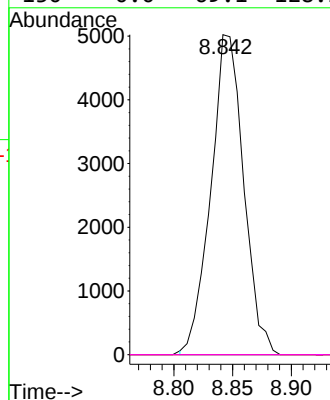


#34
Trichloroethene
Concen: 2.515 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW020138.D
Acq: 23 Sep 2021 12:02

Instrument :
MSVOA_W
ClientSampled :

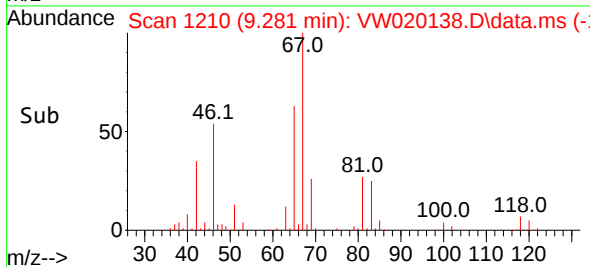
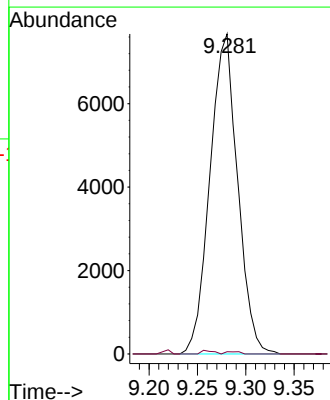
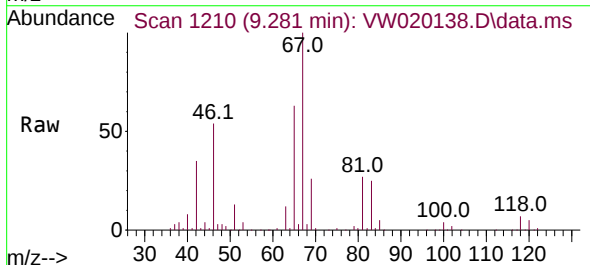


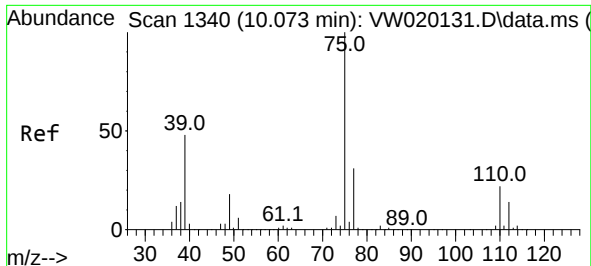
Tgt Ion:	95	Resp:	9761
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.7#
132	0.0	67.9	126.1#
130	0.0	69.1	128.3#



#37
1,2-Dichloropropane
Concen: 4.259 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW020138.D
Acq: 23 Sep 2021 12:02

Tgt Ion:	63	Resp:	15294
Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.6	5.4#

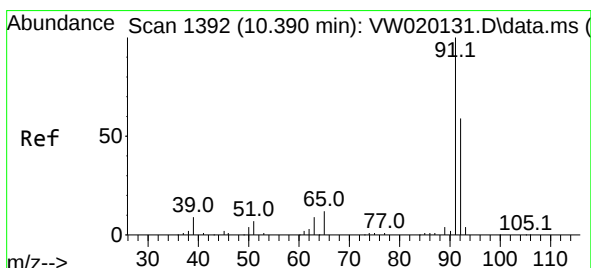
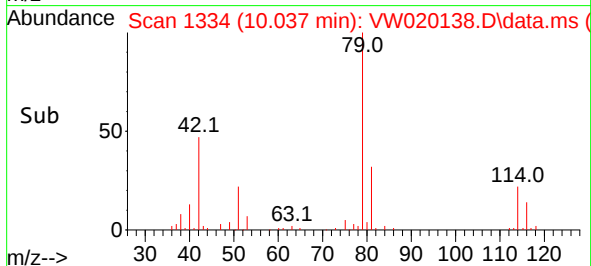
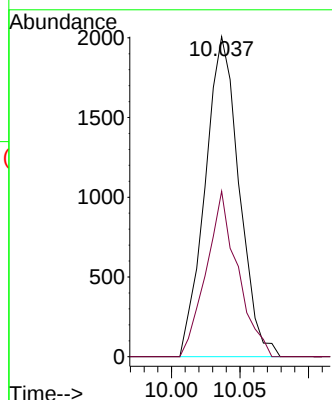
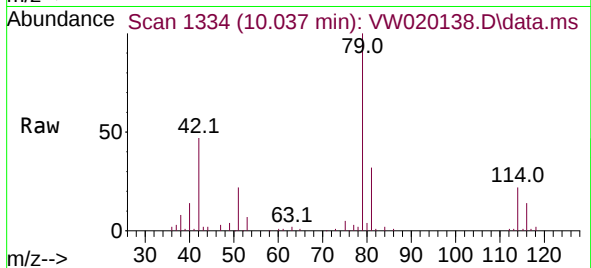




#39
 cis-1,3-Dichloropropene
 Concen: 0.655 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW020138.D
 Acq: 23 Sep 2021 12:02

Instrument :
 MSVOA_W
 ClientSampled :

Tgt Ion: 75 Resp: 3470
 Ion Ratio Lower Upper
 75 100
 77 51.7 23.0 42.6#



#42
 Toluene
 Concen: 0.343 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW020138.D
 Acq: 23 Sep 2021 12:02

Tgt Ion: 91 Resp: 5289
 Ion Ratio Lower Upper
 91 100
 92 54.2 42.2 78.4

