

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082321\
 Data File : VW019859.D
 Acq On : 23 Aug 2021 17:16
 Operator : SY/VA
 Sample : M3518-11
 Misc : 5.25g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B24

Quant Time: Aug 24 00:58:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 24 00:54:38 2021
 Response via : Initial Calibration

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

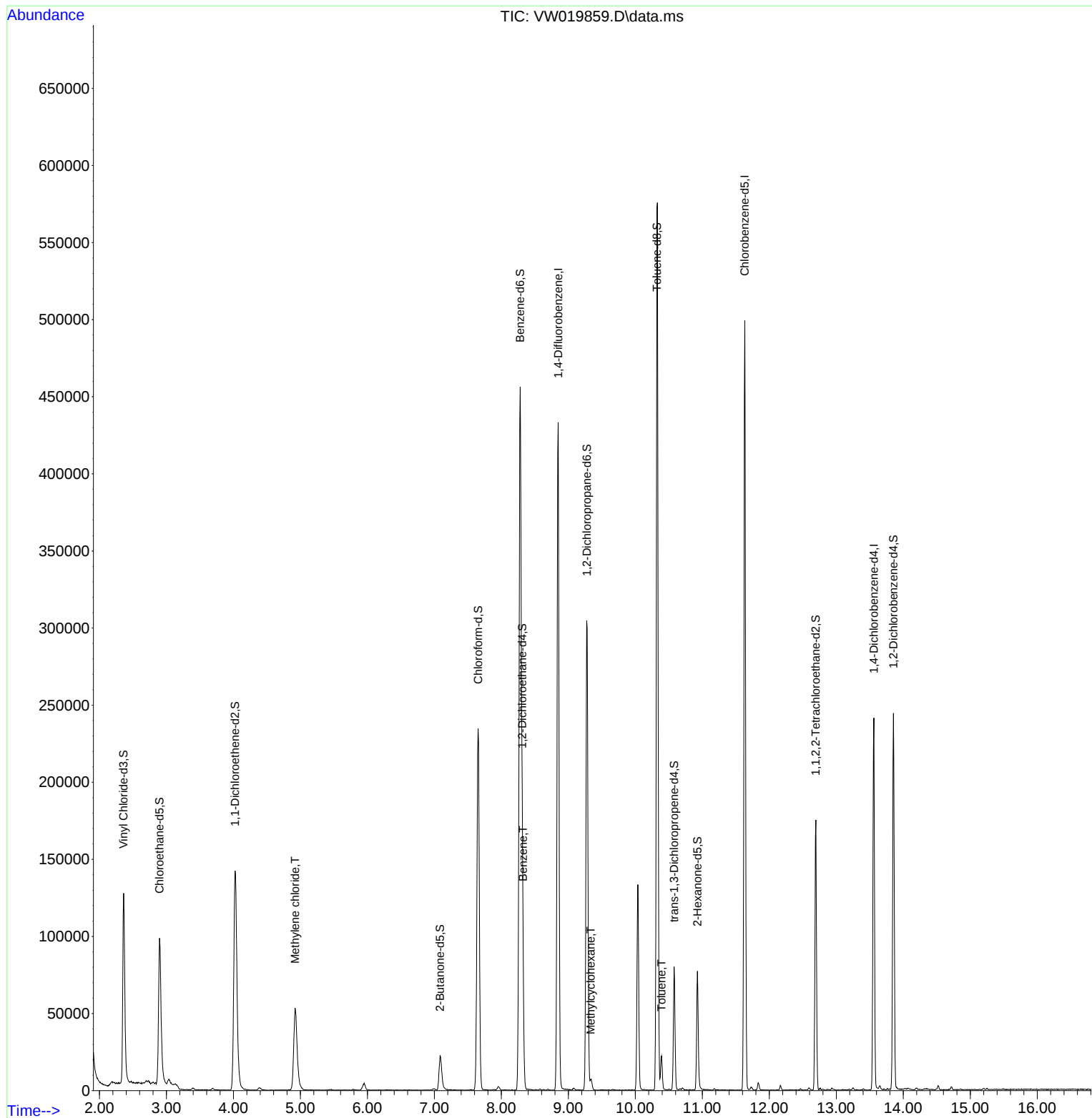
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	352475	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	268517	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	62627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	153860	28.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.680%
7) Chloroethane-d5	2.897	69	133890	27.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.720%
11) 1,1-Dichloroethene-d2	4.025	63	164872	17.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.600%
21) 2-Butanone-d5	7.086	46	37798	34.074	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.140%
24) Chloroform-d	7.653	84	238637	24.618	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.480%
26) 1,2-Dichloroethane-d4	8.311	65	115960	22.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	8.281	84	460191	30.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.240%
36) 1,2-Dichloropropane-d6	9.274	67	141871	30.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.400%#
41) Toluene-d8	10.323	98	380144	27.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.360%
43) trans-1,3-Dichloroprop...	10.579	79	42969	22.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.926	63	24088	37.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.580%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	84065	22.278	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	62149	28.930	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.720%
Target Compounds						Qvalue
16) Methylene chloride	4.921	84	45446	7.512	ug/L	97
33) Benzene	8.323	78	8307	0.504	ug/L	100
35) Methylcyclohexane	9.335	83	2392	0.326	ug/L	94
42) Toluene	10.390	91	15188	0.870	ug/L	98

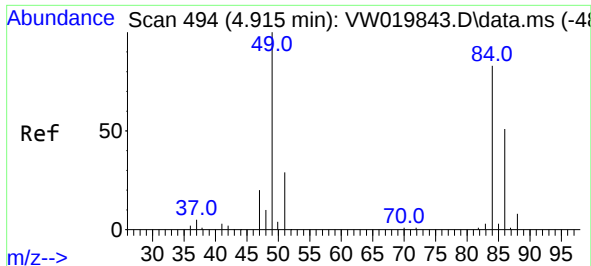
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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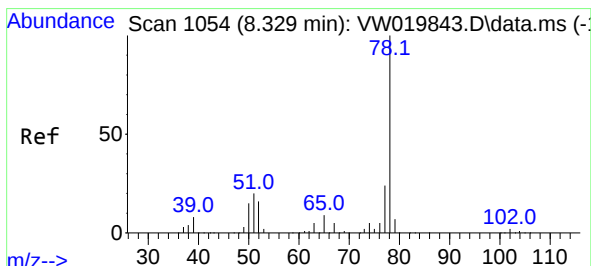
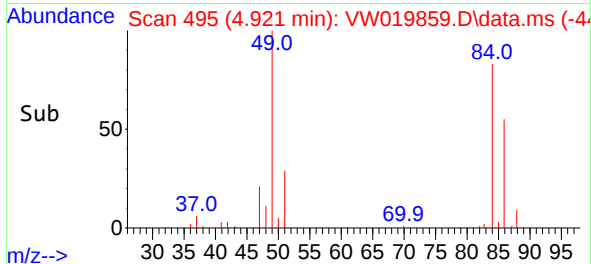
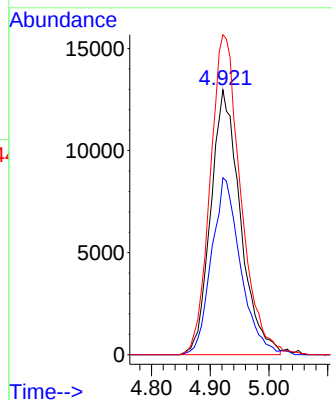
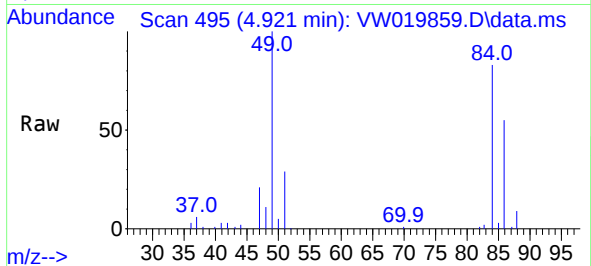




#16
Methylene chloride
Concen: 7.512 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW019859.D
Acq: 23 Aug 2021 17:16

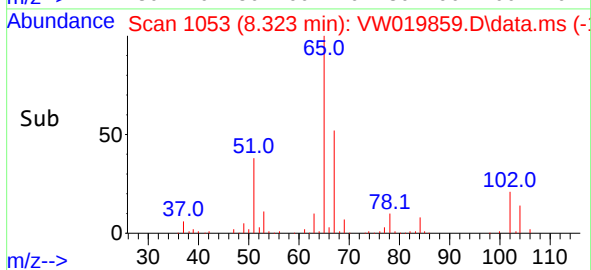
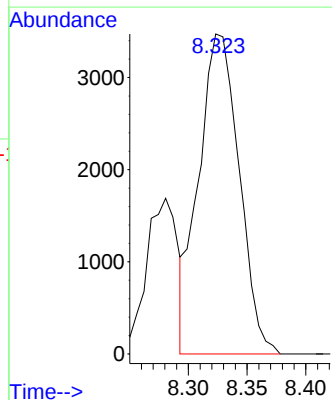
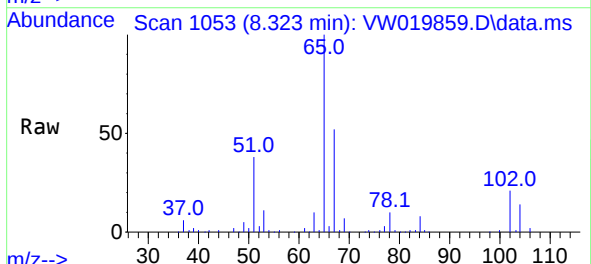
Instrument :
MSVOA_W
ClientSampleId :
C0B24

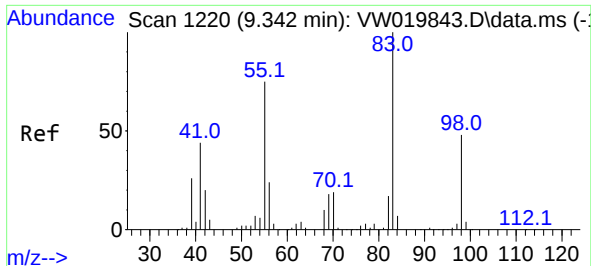
Tgt Ion: 84 Resp: 45446
Ion Ratio Lower Upper
84 100
86 66.9 45.3 84.1
49 120.8 86.6 160.8



#33
Benzene
Concen: 0.504 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW019859.D
Acq: 23 Aug 2021 17:16

Tgt Ion: 78 Resp: 8307

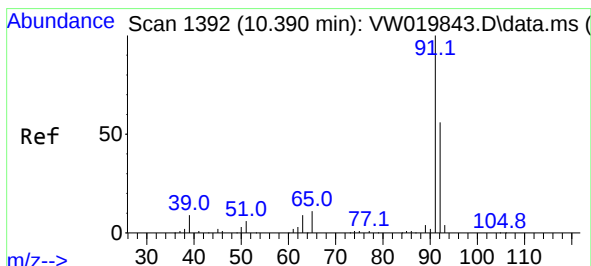
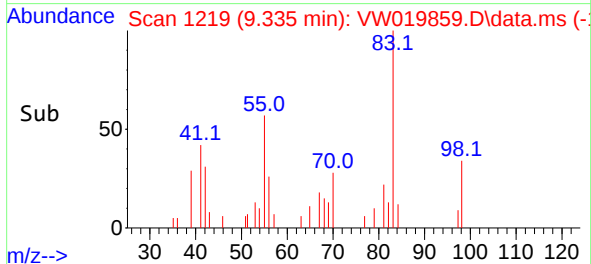
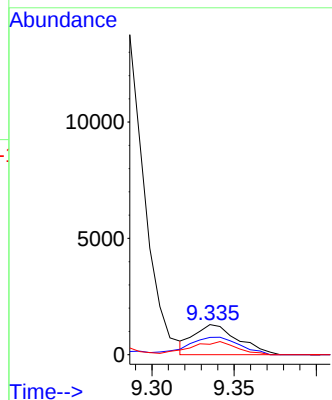
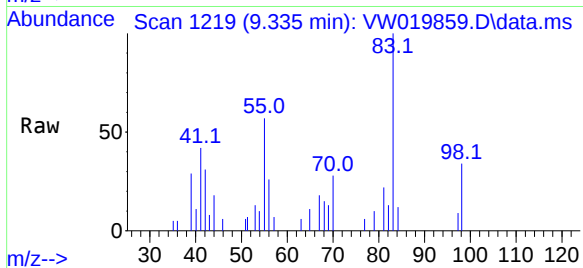




#35
Methylcyclohexane
Concen: 0.326 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019859.D
Acq: 23 Aug 2021 17:16

Instrument :
MSVOA_W
ClientSampled :
C0B24

Tgt Ion: 83 Resp: 2392
Ion Ratio Lower Upper
83 100
55 68.7 58.9 88.3
98 45.2 40.1 60.1



#42
Toluene
Concen: 0.870 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019859.D
Acq: 23 Aug 2021 17:16

Tgt Ion: 91 Resp: 15188
Ion Ratio Lower Upper
91 100
92 58.0 39.5 73.3

