

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082021\
 Data File : VW019835.D
 Acq On : 20 Aug 2021 15:45
 Operator : SY/VA
 Sample : M3486-03RE
 Misc : 7.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW9RE

Quant Time: Aug 20 23:36:21 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)

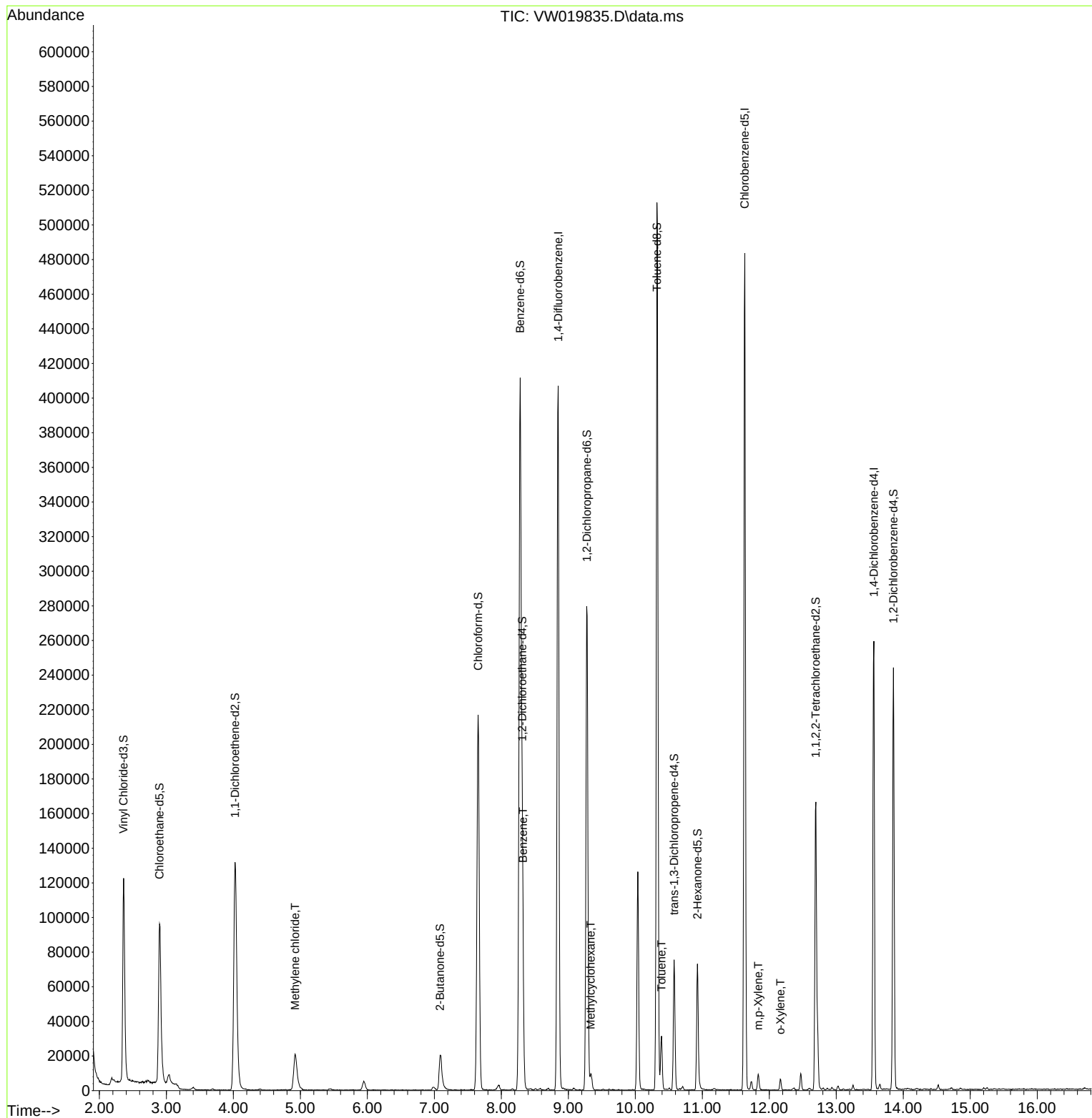
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	331192	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	260616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	66844	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	145317	28.319	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.280%
7) Chloroethane-d5	2.898	69	128737	28.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.320%
11) 1,1-Dichloroethene-d2	4.025	63	149565	16.797	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.200%
21) 2-Butanone-d5	7.086	46	35133	33.707	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.420%
24) Chloroform-d	7.653	84	218202	23.956	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	8.311	65	112022	22.822	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.281	84	413893	27.853	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.400%
36) 1,2-Dichloropropane-d6	9.274	67	128673	28.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.360%
41) Toluene-d8	10.323	98	331796	24.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.579	79	40477	21.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.080%
47) 2-Hexanone-d5	10.927	63	23421	37.361	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	83303	22.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	60437	26.358	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.440%
Target Compounds						Qvalue
16) Methylene chloride	4.922	84	17174	3.021	ug/L	99
33) Benzene	8.323	78	9701	0.606	ug/L	100
35) Methylcyclohexane	9.335	83	2875	0.403	ug/L	91
42) Toluene	10.390	91	21884	1.292	ug/L	93
53) m,p-Xylene	11.835	106	2648	0.378	ug/L	89
54) o-Xylene	12.164	106	1668	0.252	ug/L	99

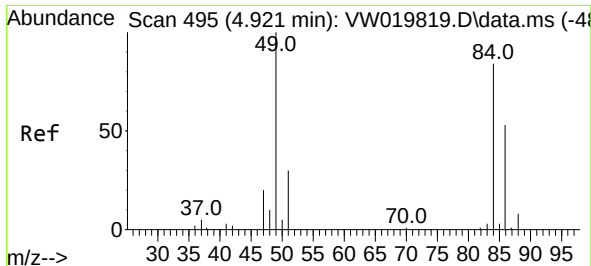
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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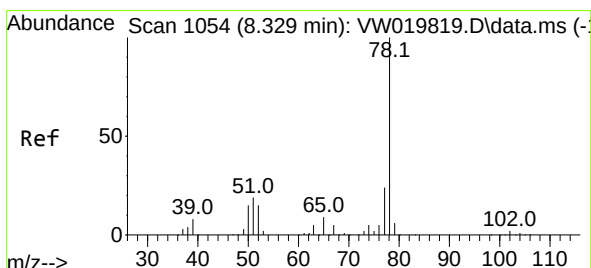
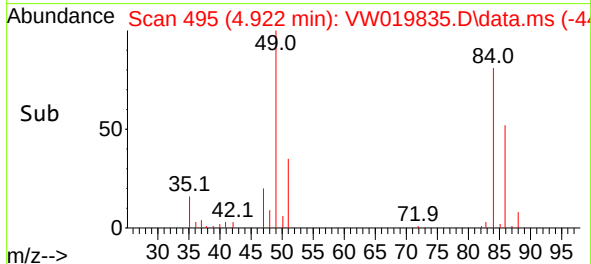
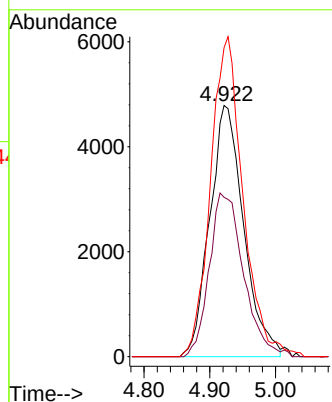
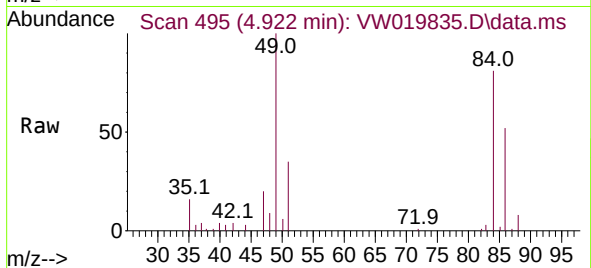


#16
Methylene chloride
Concen: 3.021 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019835.D
Acq: 20 Aug 2021 15:45

Instrument :
MSVOA_W
ClientSampleId :
C0AW9RE

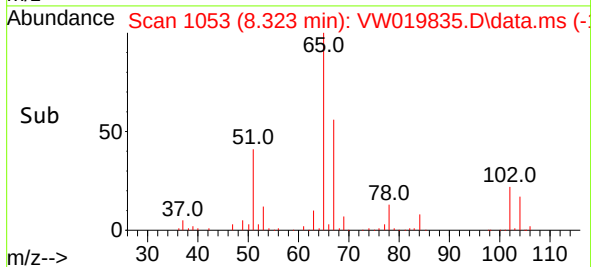
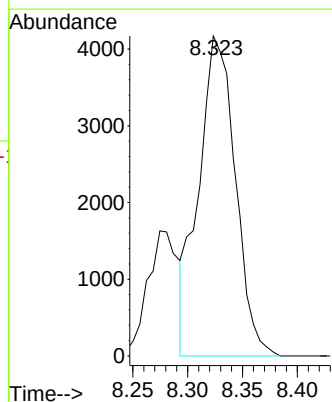
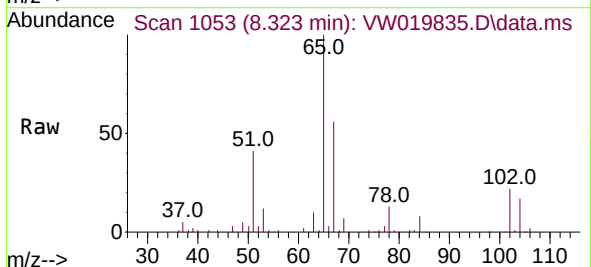
Tgt Ion: 84 Resp: 17174

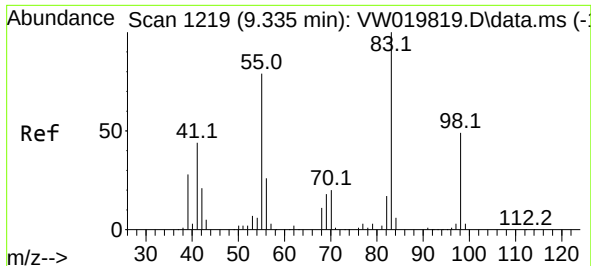
Ion	Ratio	Lower	Upper
84	100		
86	63.5	45.3	84.1
49	123.0	86.6	160.8



#33
Benzene
Concen: 0.606 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW019835.D
Acq: 20 Aug 2021 15:45

Tgt Ion: 78 Resp: 9701

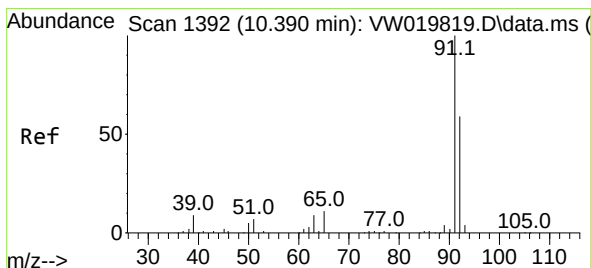
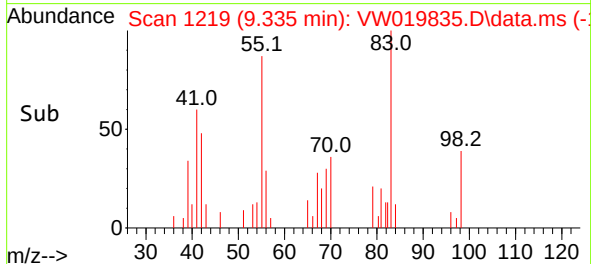
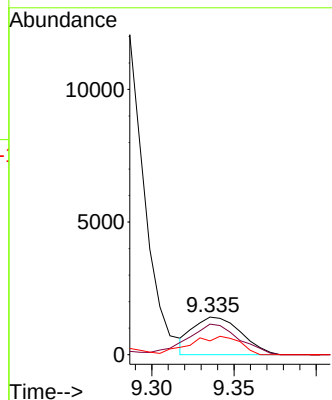
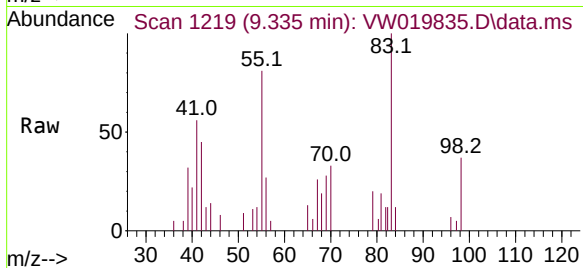




#35
Methylcyclohexane
Concen: 0.403 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019835.D
Acq: 20 Aug 2021 15:45

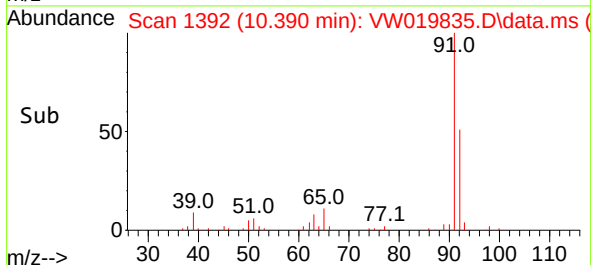
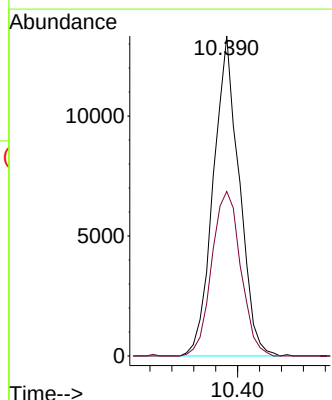
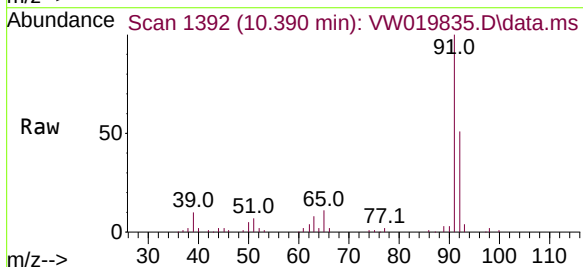
Instrument :
MSVOA_W
ClientSampled :
C0AW9RE

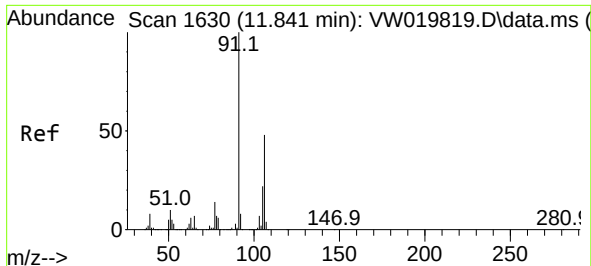
Tgt Ion: 83	Resp:	2875
Ion Ratio	Lower	Upper
83	100	
55	86.0	58.9 88.3
98	50.5	40.1 60.1



#42
Toluene
Concen: 1.292 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019835.D
Acq: 20 Aug 2021 15:45

Tgt Ion: 91	Resp:	21884
Ion Ratio	Lower	Upper
91	100	
92	51.4	39.5 73.3

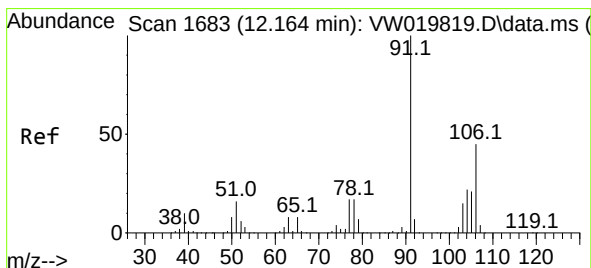
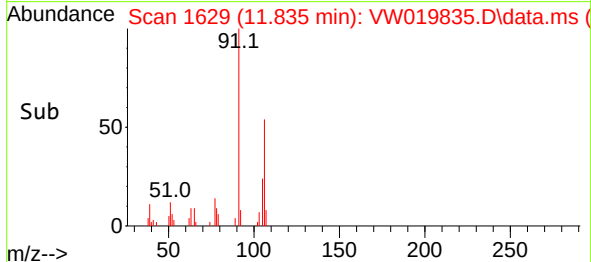
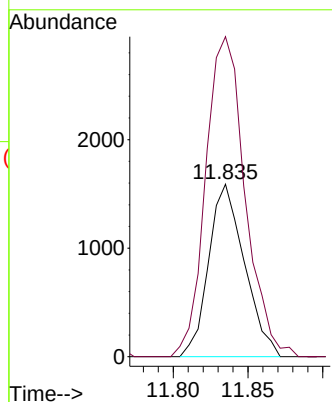
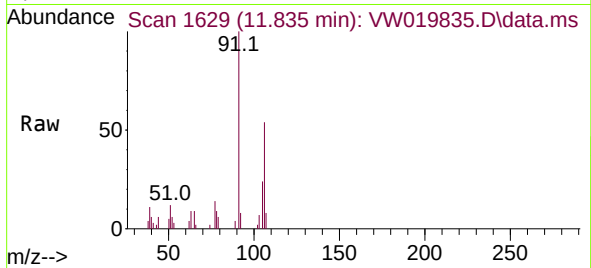




#53
m,p-Xylene
Concen: 0.378 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW019835.D
Acq: 20 Aug 2021 15:45

Instrument :
MSVOA_W
ClientSampleId :
C0AW9RE

Tgt Ion:106 Resp: 2648
Ion Ratio Lower Upper
106 100
91 185.5 141.3 262.3



#54
o-Xylene
Concen: 0.252 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019835.D
Acq: 20 Aug 2021 15:45

Tgt Ion:106 Resp: 1668
Ion Ratio Lower Upper
106 100
91 213.1 150.0 278.6

