

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060421\
 Data File : VW019136.D
 Acq On : 04 Jun 2021 18:17
 Operator : SY/VA
 Sample : M2618-02
 Misc : 6.35G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG5R1

Manual Integrations
 APPROVED

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Quant Time: Jun 05 00:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 05 00:35:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	187280	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	125023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	32727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	61139	24.688	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.760%		
7) Chloroethane-d5	2.898	69	51501	24.417	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.680%		
11) 1,1-Dichloroethene-d2	4.019	63	93689	19.041	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.160%		
21) 2-Butanone-d5	7.086	46	29086	44.838	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.680%		
24) Chloroform-d	7.653	84	121322	24.096	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.400%		
26) 1,2-Dichloroethane-d4	8.311	65	69083	24.460	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.840%		
32) Benzene-d6	8.281	84	240560	33.772	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	135.080%#		
36) 1,2-Dichloropropane-d6	9.281	67	71641	33.176	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	132.720%#		
41) Toluene-d8	10.329	98	176458	26.974	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.880%		
43) trans-1,3-Dichloroprop...	10.579	79	27648	29.562	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	118.240%		
47) 2-Hexanone-d5	10.927	63	22910	62.564	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	125.120%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	46404	26.050	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.200%		
66) 1,2-Dichlorobenzene-d4	13.853	152	27633	24.191	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.760%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	12622	21.958	ug/L	93
16) Methylene chloride	4.922	84	8452	2.432	ug/L	88
35) Methylcyclohexane	9.335	83	3263	0.885	ug/L #	69
54) o-Xylene	12.170	106	3112	0.910	ug/L	97
60) Isopropylbenzene	12.463	105	9357m	1.910	ug/L	

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

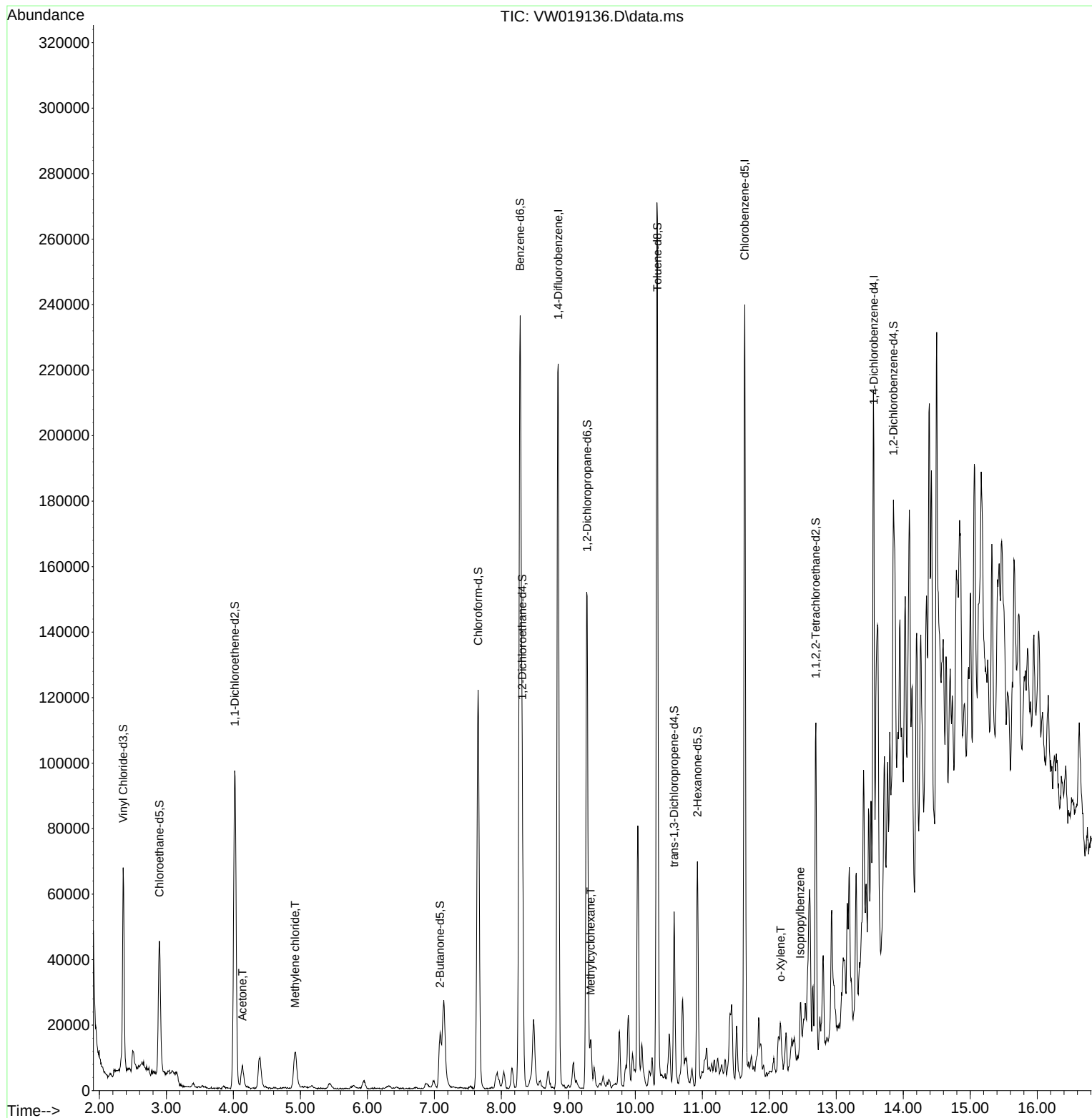
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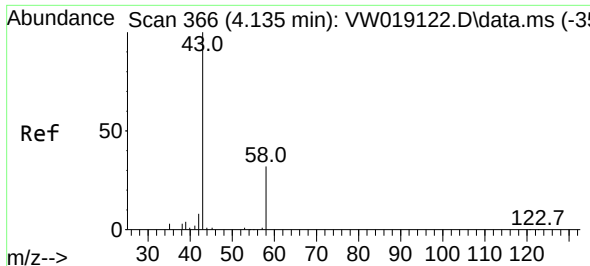
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0
QLast Update : Sat Jun 05 00:35:45 2021
Response via : Initial Calibration





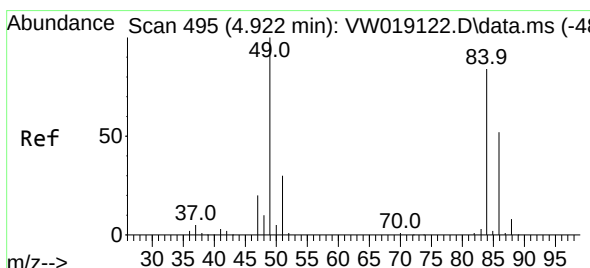
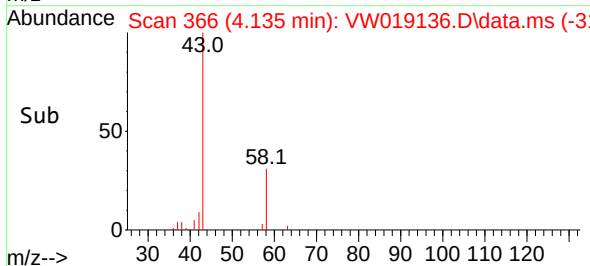
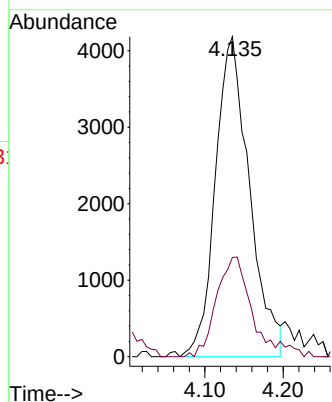
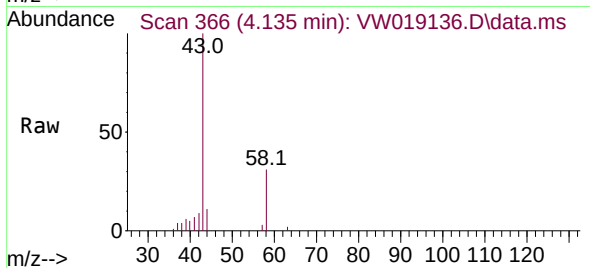
#13
Acetone
Concen: 21.958 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW019136.D
Acq: 04 Jun 2021 18:17

Instrument :
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ClientSampled :
BG5R1

Tgt Ion: 43 Resp: 12622
Ion Ratio Lower Upper
43 100
58 30.7 0.0 53.8

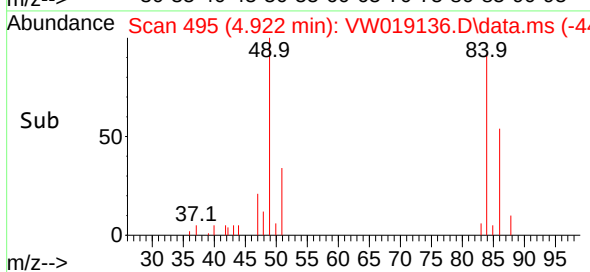
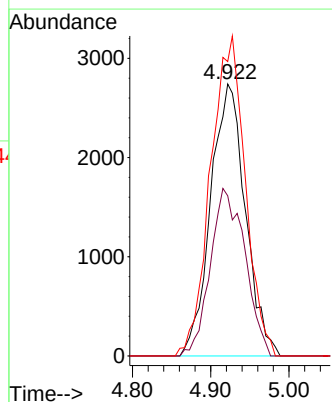
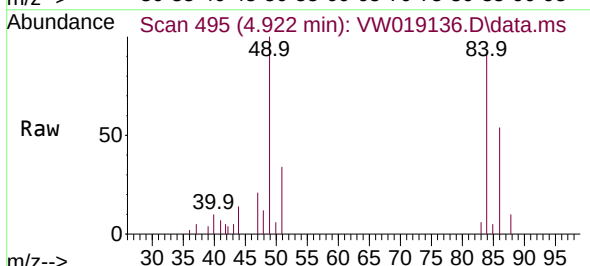
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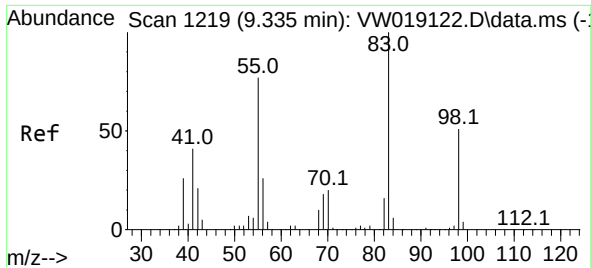
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#16
Methylene chloride
Concen: 2.432 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019136.D
Acq: 04 Jun 2021 18:17

Tgt Ion: 84 Resp: 8452
Ion Ratio Lower Upper
84 100
86 58.9 45.3 84.1
49 108.2 86.6 160.8





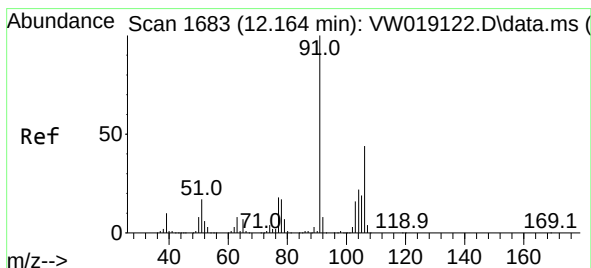
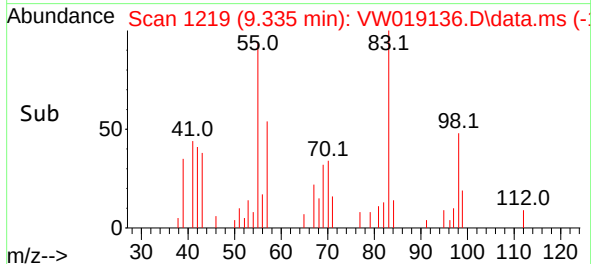
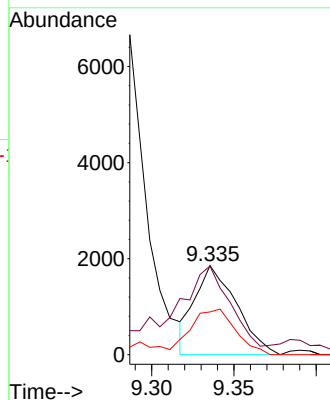
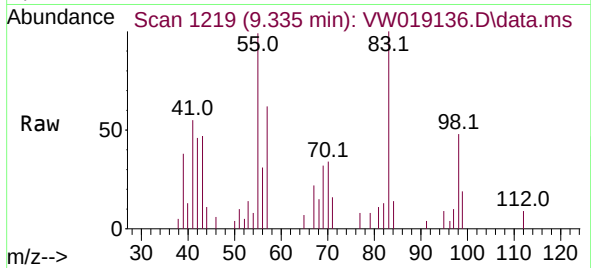
#35
Methylcyclohexane
Concen: 0.885 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019136.D
Acq: 04 Jun 2021 18:17

Tgt Ion	Ratio	Lower	Upper
83	100		
55	113.9	58.9	88.3#
98	54.8	40.1	60.1

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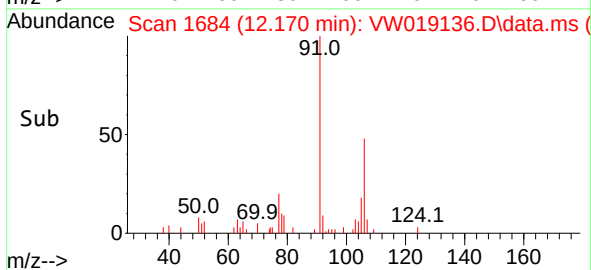
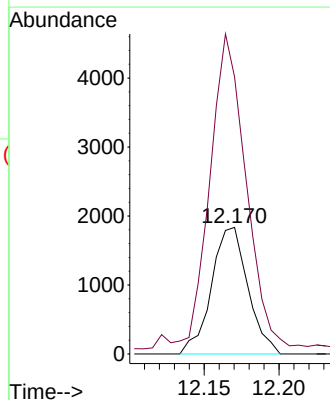
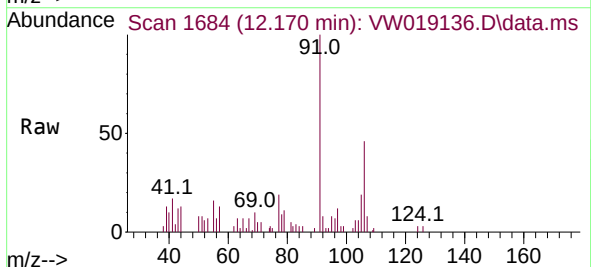
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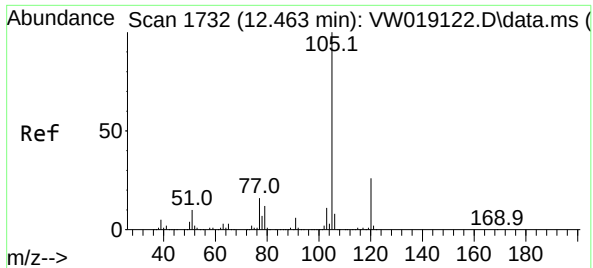
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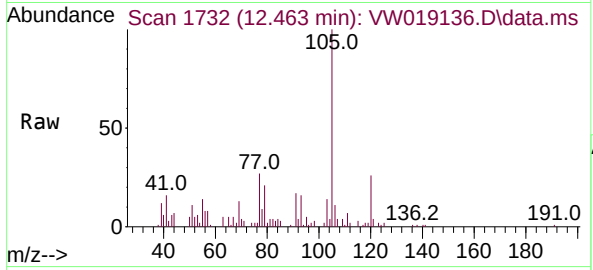
#54
o-Xylene
Concen: 0.910 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019136.D
Acq: 04 Jun 2021 18:17

Tgt Ion	Ratio	Lower	Upper
106	100		
91	218.8	150.0	278.6

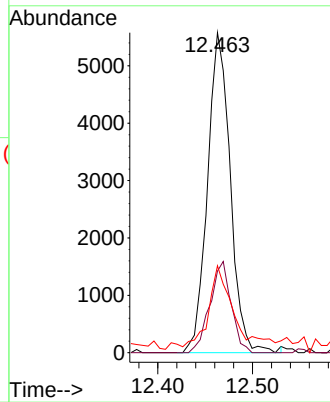
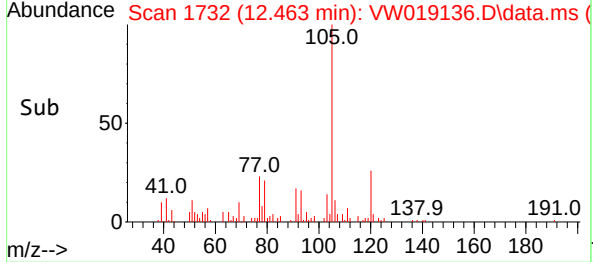




#60
Isopropylbenzene
Concen: 1.910 ug/L m
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019136.D
Acq: 04 Jun 2021 18:17



Tgt Ion:	105	Resp:	9357
Ion Ratio	Lower	Upper	
105	100		
120	6.4	21.1	31.7#
77	2.9	13.2	19.8#



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