

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025542.D
 Acq On : 31 Mar 2023 19:00
 Operator : SY/MD
 Sample : 02151-10
 Misc : 6.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 00:41:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:35:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1028508	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	864657	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	362106	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	169887	9.934	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	39.720%		
7) Chloroethane-d5	2.899	69	185530	15.078	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.320%		
11) 1,1-Dichloroethene-d2	4.027	63	396379	12.001	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	48.000%		
21) 2-Butanone-d5	7.075	46	243114	57.918	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.840%		
24) Chloroform-d	7.648	84	659752	22.251	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.000%		
26) 1,2-Dichloroethane-d4	8.307	65	392062m	24.635	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.560%		
32) Benzene-d6	8.276	84	1337088	22.631	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.520%		
36) 1,2-Dichloropropane-d6	9.270	67	451502	24.703	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.800%		
41) Toluene-d8	10.325	98	1171925	22.498	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.000%		
43) trans-1,3-Dichloroprop...	10.575	79	162165	22.281	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.120%		
47) 2-Hexanone-d5	10.922	63	164589	62.623	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	125.240%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	355493	26.548	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.200%		
66) 1,2-Dichlorobenzene-d4	13.849	152	338216	25.117	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.480%		
Target Compounds					Qvalue	
13) Acetone	4.125	43	29855	7.399	ug/L	99
16) Methylene chloride	4.917	84	39383	2.750	ug/L	95
35) Methylcyclohexane	9.337	83	266324	10.655	ug/L	92
52) Ethylbenzene	11.727	91	128178	1.969	ug/L	96
53) m,p-Xylene	11.831	106	105693	4.402	ug/L	94

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

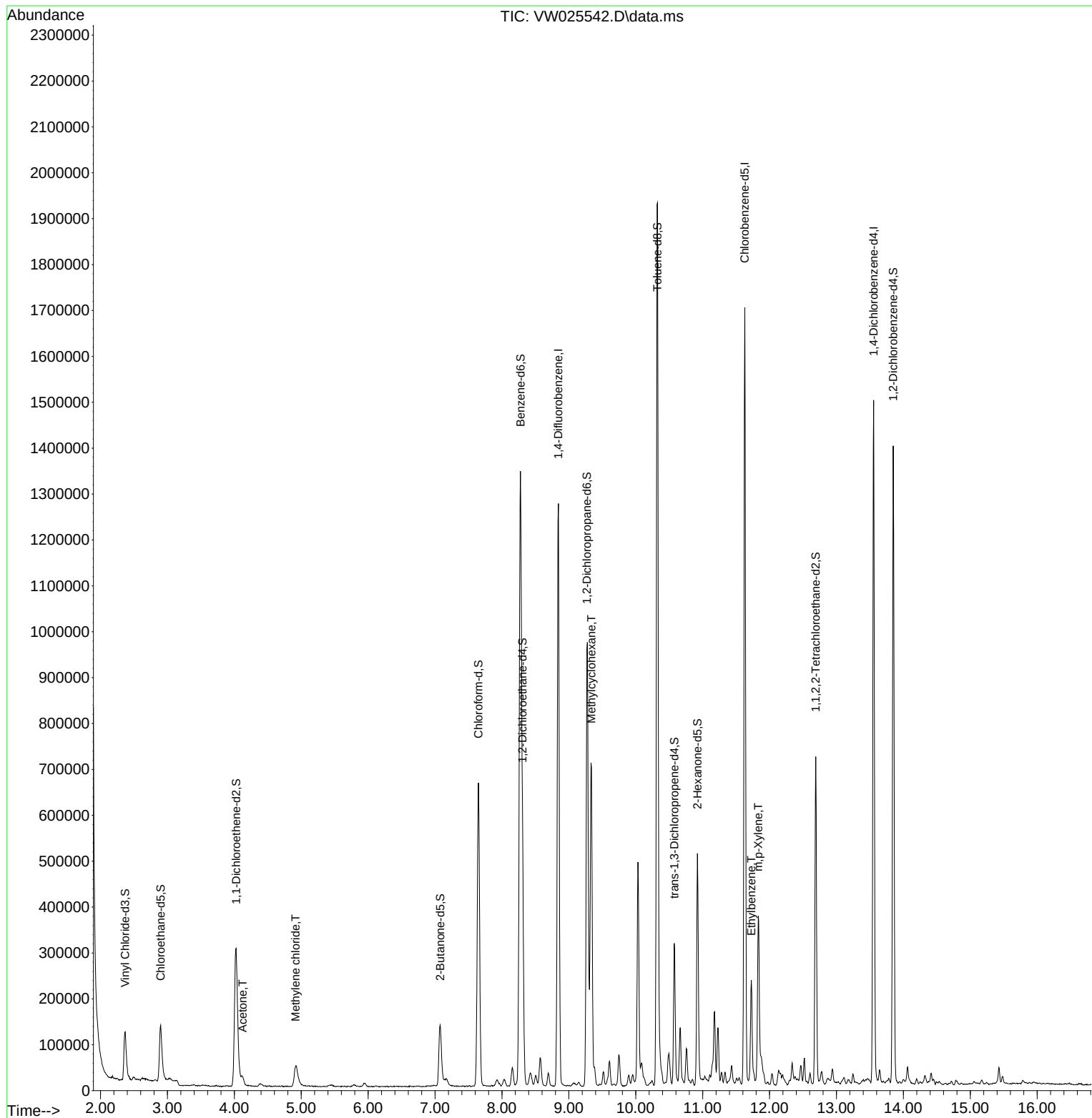
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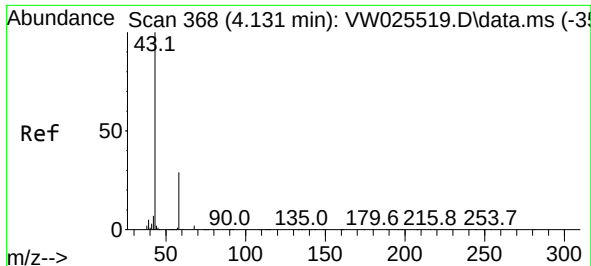
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:35:04 2023
Response via : Initial Calibration





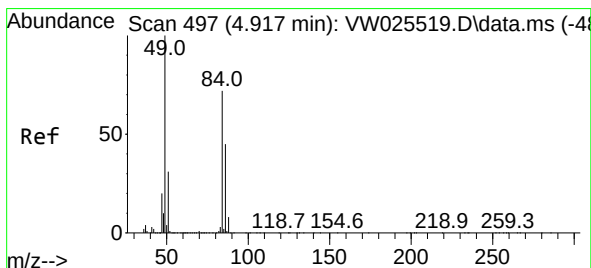
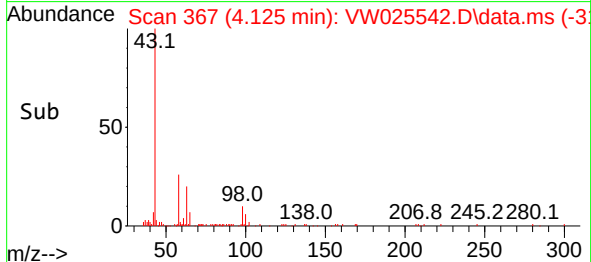
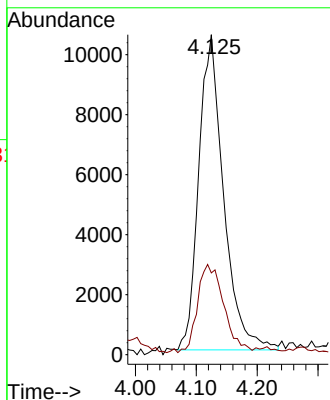
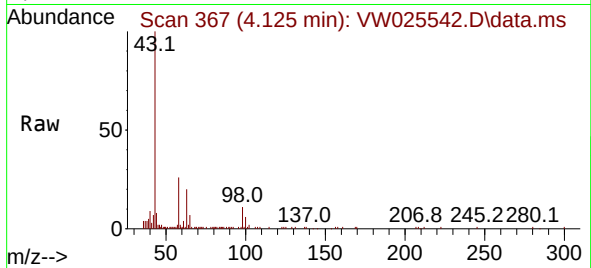
#13
Acetone
Concen: 7.399 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW025542.D
Acq: 31 Mar 2023 19:00

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 43 Resp: 2985
Ion Ratio Lower Upper
43 100
58 29.5 0.0 60.0

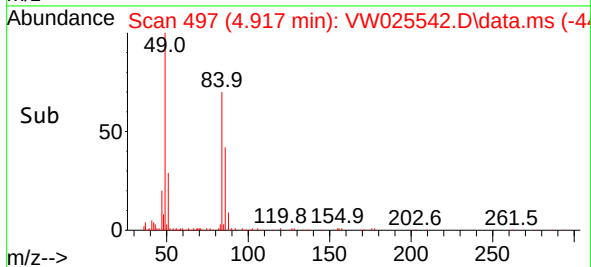
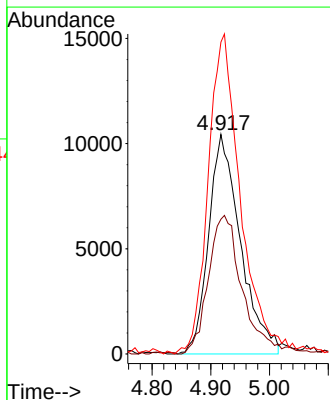
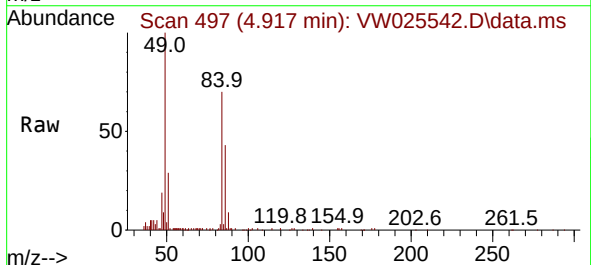
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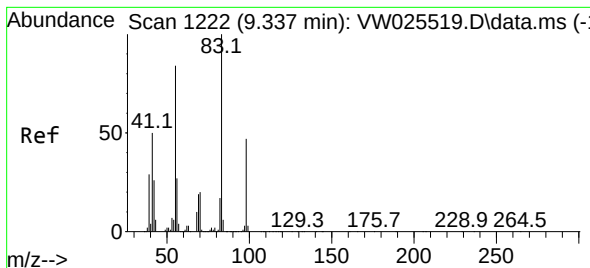
Reviewed By :Semsettin Yesilyurt 04/01/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Methylene chloride
Concen: 2.750 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW025542.D
Acq: 31 Mar 2023 19:00

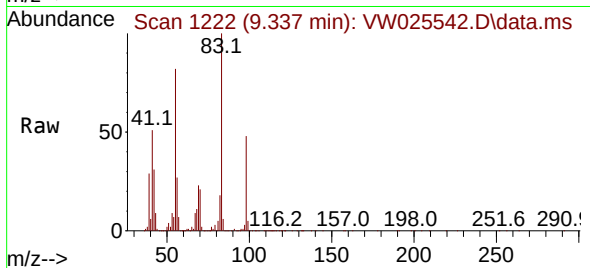
Tgt Ion: 84 Resp: 39383
Ion Ratio Lower Upper
84 100
86 61.4 45.1 83.7
49 142.0 94.7 175.9





#35
Methylcyclohexane
Concen: 10.655 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025542.D
Acq: 31 Mar 2023 19:00

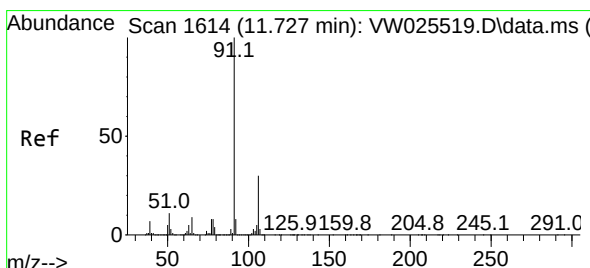
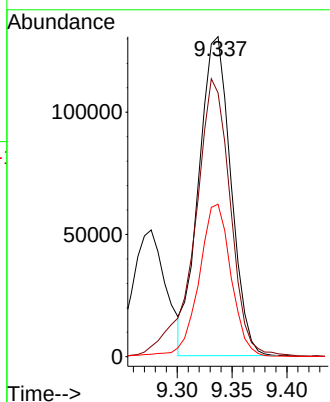
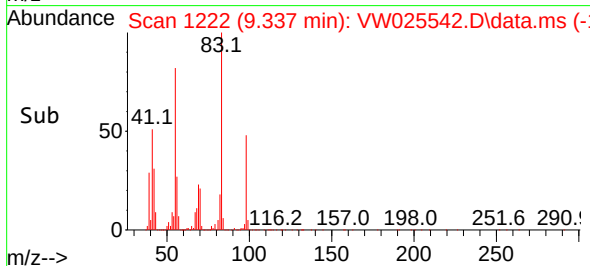
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Tgt Ion: 83 Resp: 266324
Ion Ratio Lower Upper
83 100
55 96.6 68.2 102.4
98 48.2 39.0 58.4

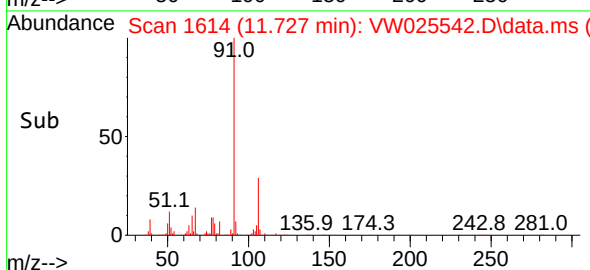
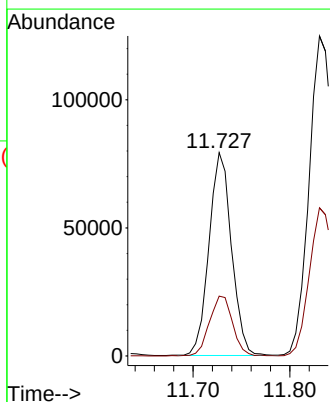
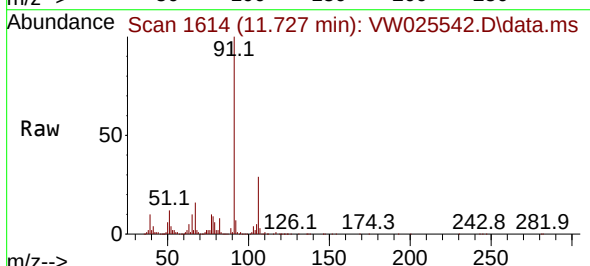
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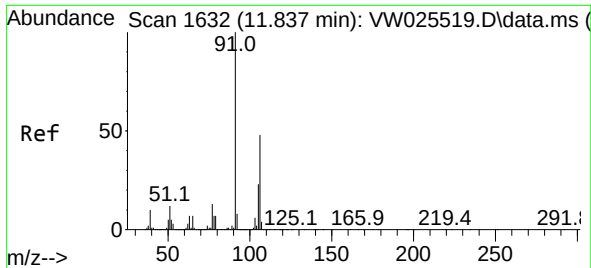
Reviewed By :Semsettin Yesilyurt 04/01/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
Ethylbenzene
Concen: 1.969 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025542.D
Acq: 31 Mar 2023 19:00

Tgt Ion: 91 Resp: 128178
Ion Ratio Lower Upper
91 100
106 29.4 22.0 41.0





#53
m,p-Xylene
Concen: 4.402 ug/L
RT: 11.831 min Scan# 10
Delta R.T. -0.006 min
Lab File: VW025542.D
Acq: 31 Mar 2023 19:00

Instrument :
MSVOA_W
ClientSampleId :
C11B3

Tgt Ion:106 Resp: 10569
Ion Ratio Lower Upper
106 100
91 216.0 144.2 267.8

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