

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029454.D
 Acq On : 02 Jul 2024 19:06
 Operator : SY/MD
 Sample : P3100-09
 Misc : 5.73g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 03 05:46:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

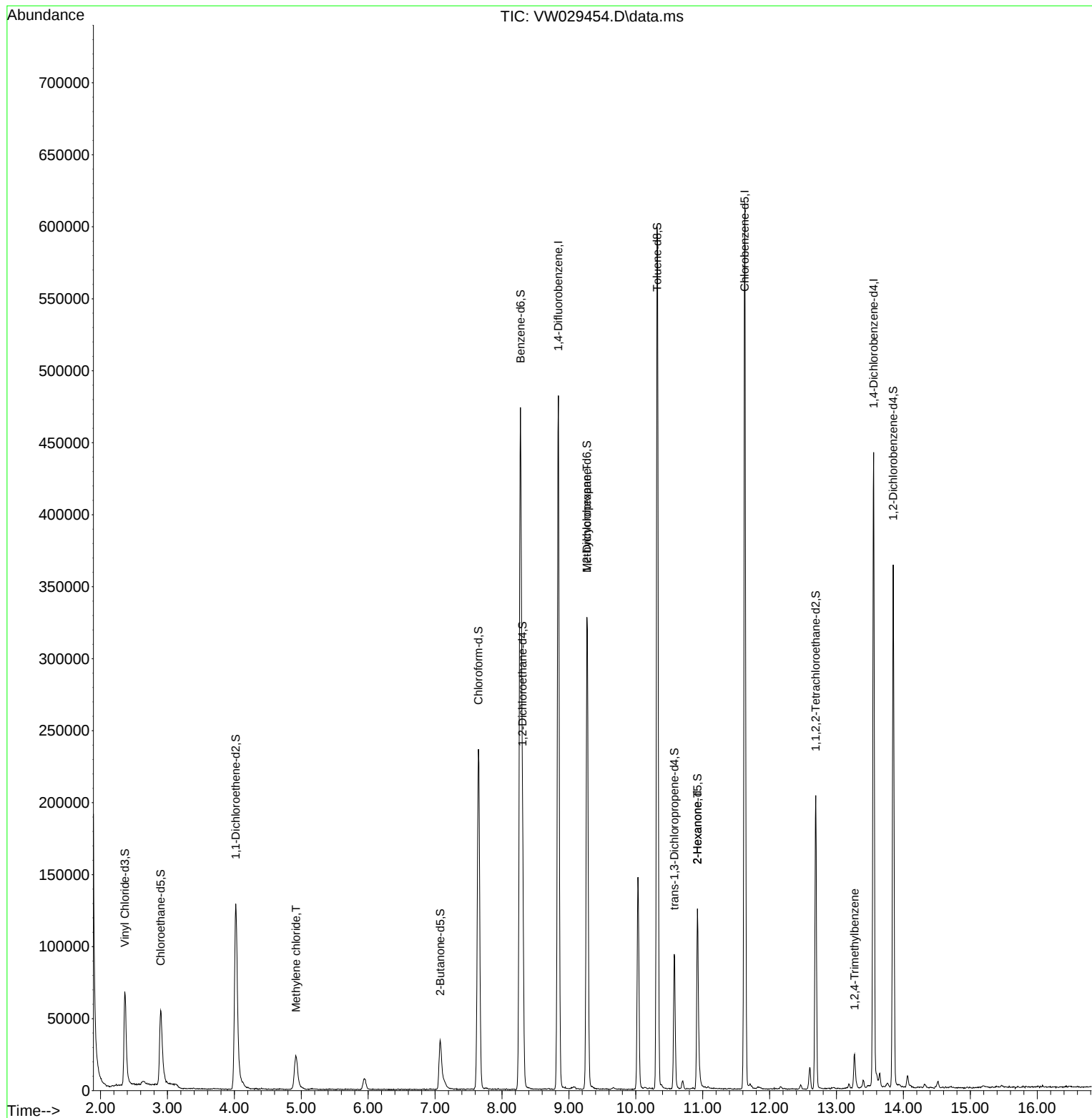
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	366900	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	313157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106494	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	97824	19.263	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.040%		
7) Chloroethane-d5	2.899	69	84760	19.764	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.040%		
11) 1,1-Dichloroethene-d2	4.021	65	49749	20.289	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.160%		
21) 2-Butanone-d5	7.075	46	56794	37.380	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.760%		
24) Chloroform-d	7.648	84	238324	21.775	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.120%		
26) 1,2-Dichloroethane-d4	8.307	65	135525	21.567	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.280%		
32) Benzene-d6	8.276	84	459274	24.145	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.600%		
36) 1,2-Dichloropropane-d6	9.270	67	151300	25.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.080%		
41) Toluene-d8	10.319	98	387566	23.030	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.120%		
43) trans-1,3-Dichloroprop...	10.575	79	50104	20.563	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.240%		
47) 2-Hexanone-d5	10.922	63	37555	39.621	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.240%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99751	20.728	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.920%		
66) 1,2-Dichlorobenzene-d4	13.848	152	86402	23.374	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.480%		
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	18956	2.938	ug/L	94
35) Methylcyclohexane	9.270	83	34755	4.402	ug/L #	16
48) 2-Hexanone	10.922	43	6323	2.719	ug/L #	73
63) 1,2,4-Trimethylbenzene	13.269	105	8368	0.757	ug/L #	35

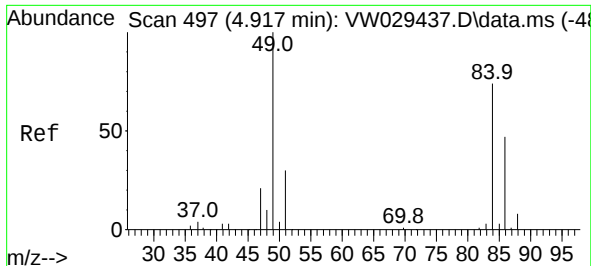
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.938 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029454.D

Acq: 02 Jul 2024 19:06

Instrument :

MSVOA_W

ClientSampleId :

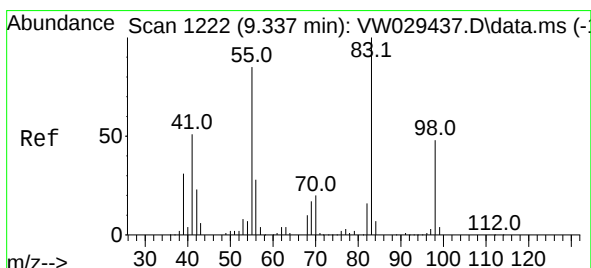
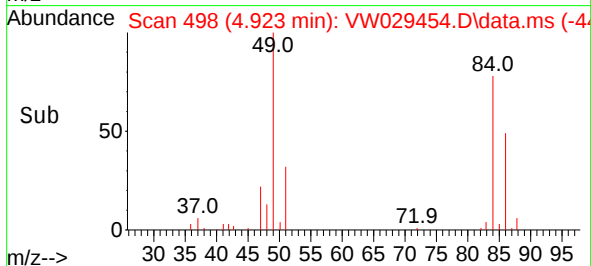
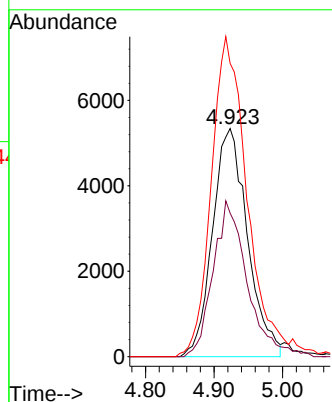
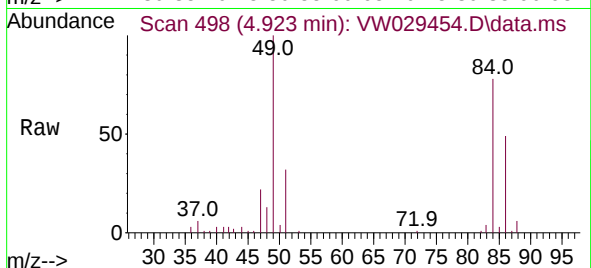
Tgt Ion: 84 Resp: 18956

Ion Ratio Lower Upper

84 100

86 62.9 41.4 77.0

49 128.5 95.7 177.7



#35

Methylcyclohexane

Concen: 4.402 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

Lab File: VW029454.D

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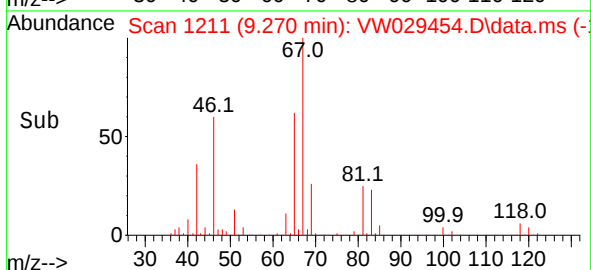
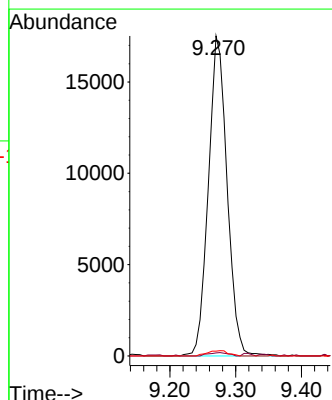
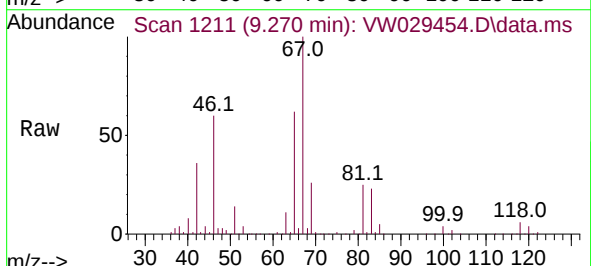
Tgt Ion: 83 Resp: 34755

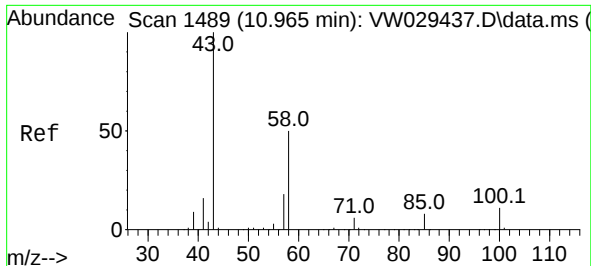
Ion Ratio Lower Upper

83 100

55 1.1 69.5 104.3#

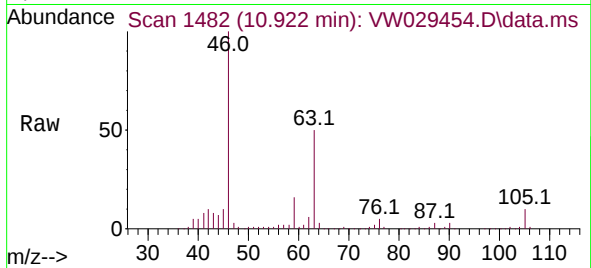
98 1.8 38.0 57.0#



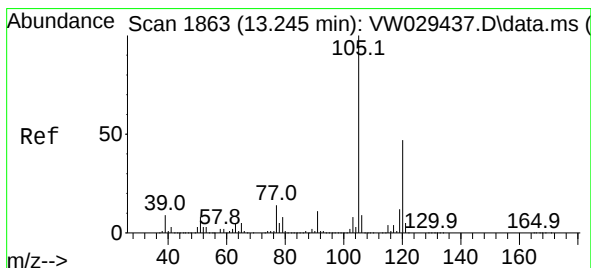
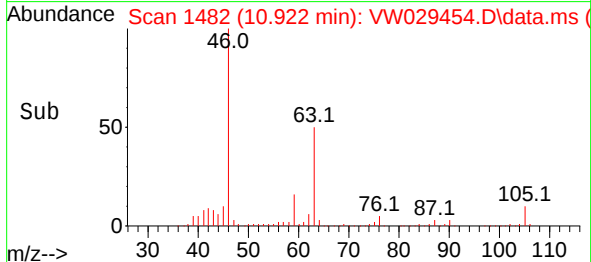
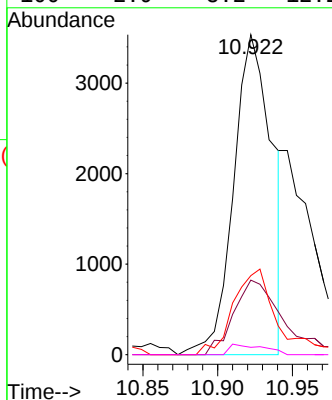


#48
2-Hexanone
Concen: 2.719 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
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Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
58 27.8 39.6 59.4#
57 26.6 14.6 21.8#
100 2.9 8.2 12.2#



#63
1,2,4-Trimethylbenzene
Concen: 0.757 ug/L
RT: 13.269 min Scan# 1867
Delta R.T. 0.024 min
Lab File: VW029454.D
Acq: 02 Jul 2024 19:06

Tgt Ion: 105 Resp: 8368
Ion Ratio Lower Upper
105 100
120 1.4 34.9 52.3#

