

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026468.D
 Acq On : 30 Jun 2023 13:28
 Operator : SY/MD
 Sample : 03452-21RE
 Misc : 5.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Q0RE

Quant Time: Jun 30 23:41:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

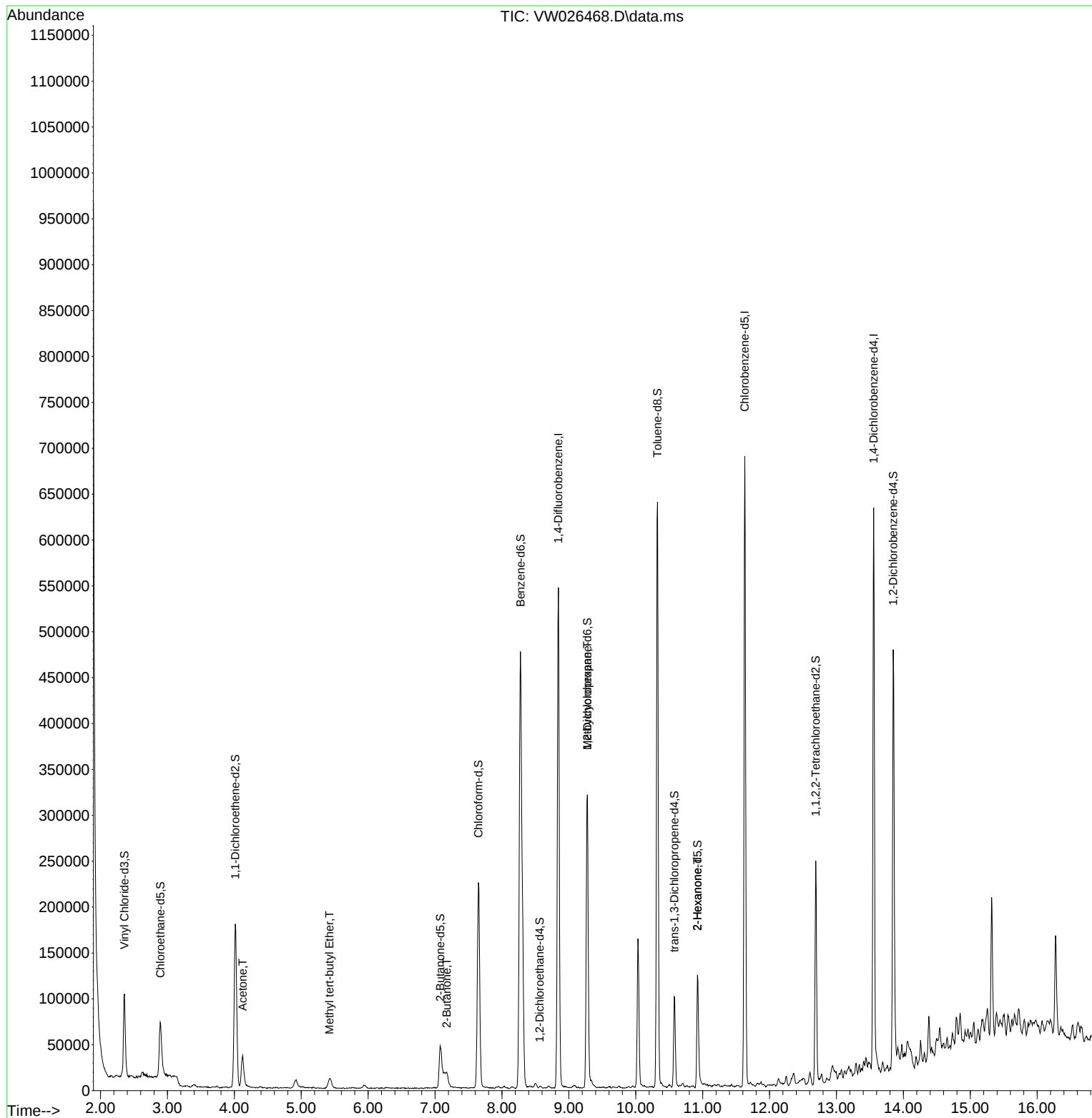
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	443566	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	363521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153836	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	109095	21.601	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery	=	86.400%	
7) Chloroethane-d5	2.893	69	90113	21.912	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	87.640%	
11) 1,1-Dichloroethene-d2	4.015	65	57675	22.824	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	91.280%	
21) 2-Butanone-d5	7.075	46	85642	44.870	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	89.740%	
24) Chloroform-d	7.648	84	230169	21.289	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	85.160%	
26) 1,2-Dichloroethane-d4	8.563	65	76	0.013	ug/L	0.26
Spiked Amount	25.000	Range 70 - 130	Recovery	=	0.040%#	
32) Benzene-d6	8.276	84	490811	23.215	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	92.880%	
36) 1,2-Dichloropropane-d6	9.276	67	158775	23.563	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	94.240%	
41) Toluene-d8	10.325	98	415289	22.237	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	88.960%	
43) trans-1,3-Dichloroprop...	10.575	79	57175	21.050	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	84.200%	
47) 2-Hexanone-d5	10.922	63	41486	36.815	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	73.640%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	119006	22.873	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	91.480%	
66) 1,2-Dichlorobenzene-d4	13.849	152	112952	21.086	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	84.360%	
Target Compounds						
13) Acetone	4.125	43	60981	45.228	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	15605	1.787	ug/L #	83
22) 2-Butanone	7.173	43	22626	10.235	ug/L	97
35) Methylcyclohexane	9.276	83	35853	3.470	ug/L #	16
48) 2-Hexanone	10.922	43	7095	2.547	ug/L #	66

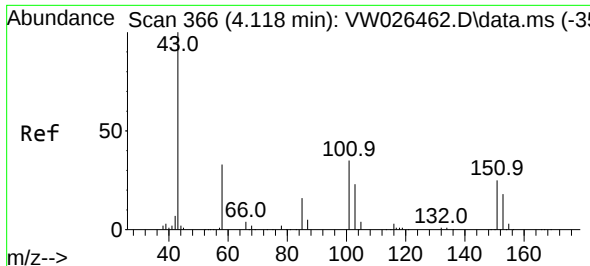
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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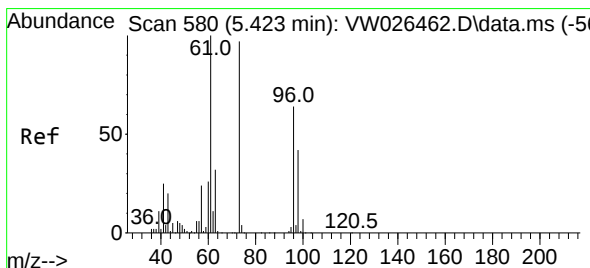
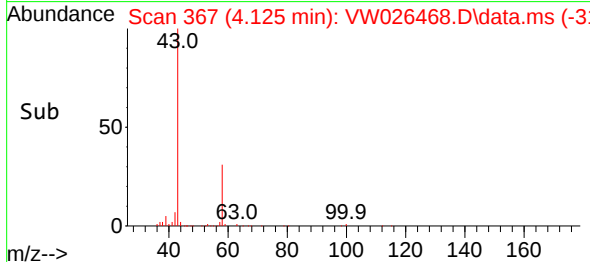
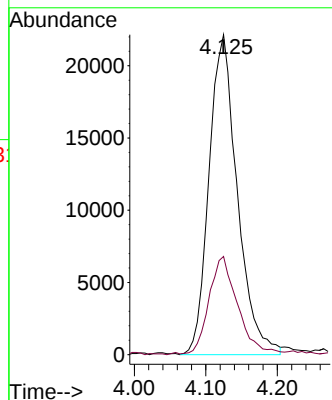
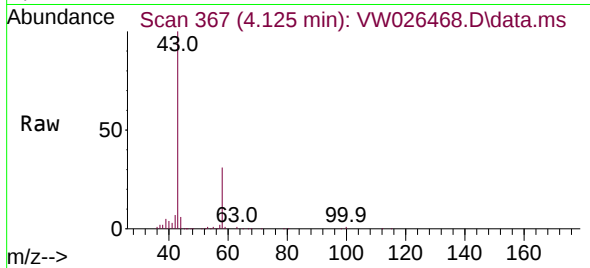




#13
Acetone
Concen: 45.228 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026468.D
Acq: 30 Jun 2023 13:28

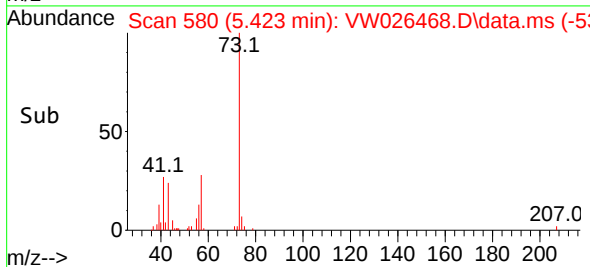
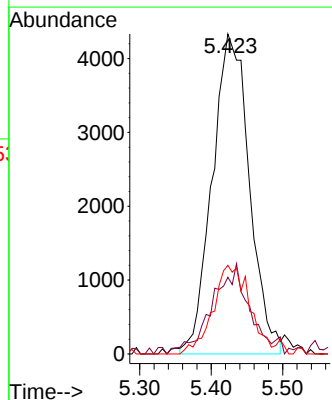
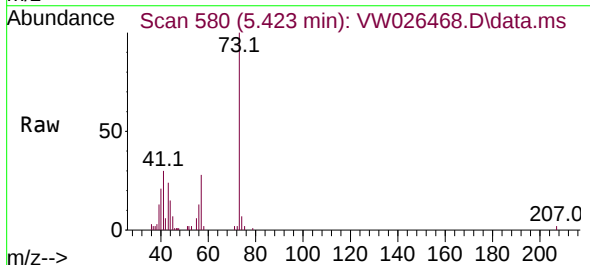
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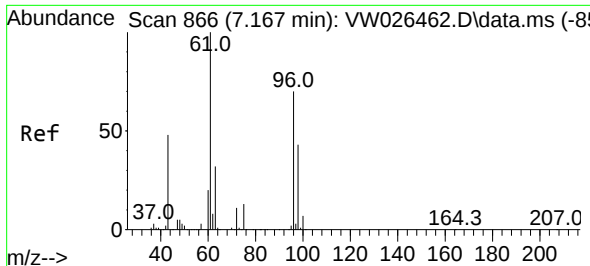
Tgt Ion: 43 Resp: 60981
Ion Ratio Lower Upper
43 100
58 30.5 0.0 63.2



#18
Methyl tert-butyl Ether
Concen: 1.787 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026468.D
Acq: 30 Jun 2023 13:28

Tgt Ion: 73 Resp: 15605
Ion Ratio Lower Upper
73 100
43 6.8 16.6 25.0#
57 27.2 19.3 28.9

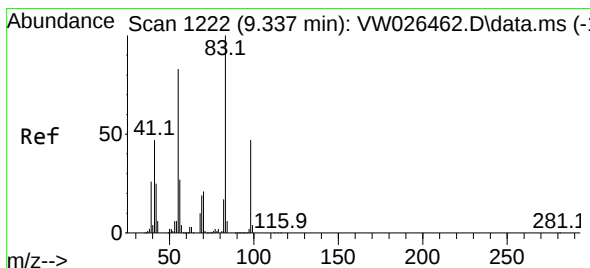
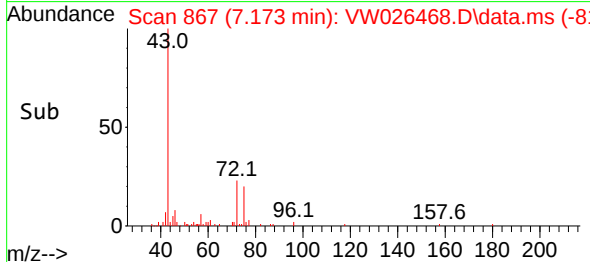
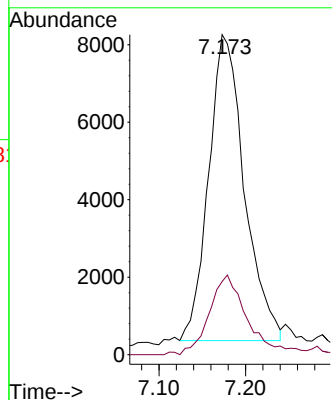
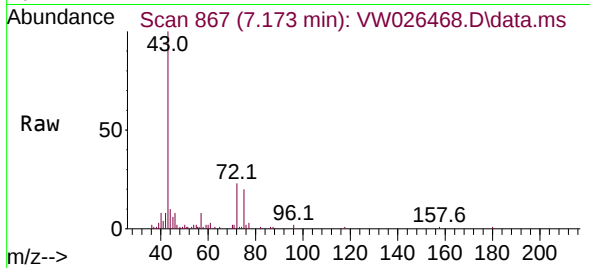




#22
2-Butanone
Concen: 10.235 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026468.D
Acq: 30 Jun 2023 13:28

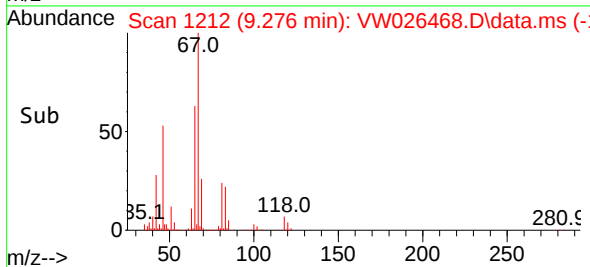
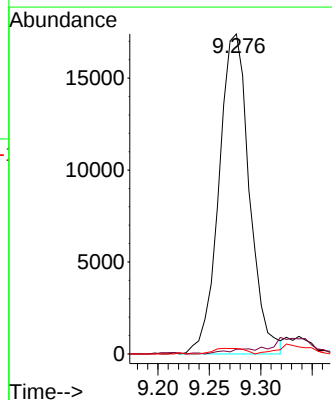
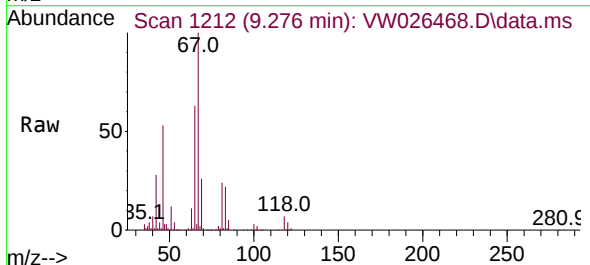
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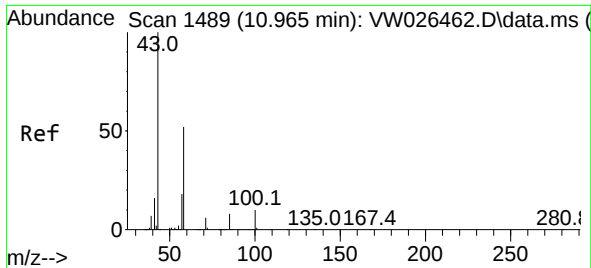
Tgt Ion: 43 Resp: 22626
Ion Ratio Lower Upper
43 100
72 26.7 12.6 37.8



#35
Methylcyclohexane
Concen: 3.470 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.061 min
Lab File: VW026468.D
Acq: 30 Jun 2023 13:28

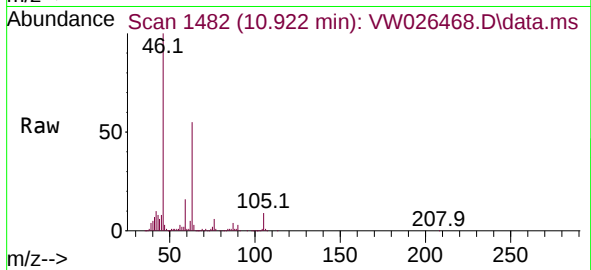
Tgt Ion: 83 Resp: 35853
Ion Ratio Lower Upper
83 100
55 0.6 66.5 99.7#
98 0.0 37.0 55.6#





#48
 2-Hexanone
 Concen: 2.547 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW026468.D
 Acq: 30 Jun 2023 13:28

Instrument :
 MSVOA_W
 ClientSampleId :
 A46Q0RE



Tgt Ion: 43 Resp: 7095

Ion	Ratio	Lower	Upper
43	100		
58	26.4	42.1	63.1#
57	31.3	14.5	21.7#
100	1.8	8.5	12.7#

