

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019454.D
 Acq On : 13 Jul 2021 01:24
 Operator : SY/VA
 Sample : M2978-03
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7G7

Manual Integrations
 APPROVED

apatel
 7/14/2021 12:54:23 PM

Quant Time: Jul 13 04:40:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 04:35:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	529522	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	462164	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	204201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	105788	14.100	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.400%		
7) Chloroethane-d5	2.897	69	90560	16.926	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.720%		
11) 1,1-Dichloroethene-d2	4.025	63	172427	11.911	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	47.640%		
21) 2-Butanone-d5	7.080	46	84350	38.735	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.480%		
24) Chloroform-d	7.653	84	266773	18.233	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.920%		
26) 1,2-Dichloroethane-d4	8.311	65	152362	18.976	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.920%		
32) Benzene-d6	8.281	84	535103	19.451	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.800%		
36) 1,2-Dichloropropane-d6	9.274	67	173911	20.282	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.120%		
41) Toluene-d8	10.323	98	455055	18.346	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.400%		
43) trans-1,3-Dichloroprop...	10.579	79	60735	16.540	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	66.160%		
47) 2-Hexanone-d5	10.927	63	63245	39.757	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.520%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	141042	20.356	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	144513	20.058	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.240%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	21866	13.627	ug/L	88
14) Carbon disulfide	4.391	76	53512	2.417	ug/L	100
16) Methylene chloride	4.922	84	44930	4.256	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	198954	19.155	ug/L	96
22) 2-Butanone	7.177	43	7727m	3.112	ug/L	

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

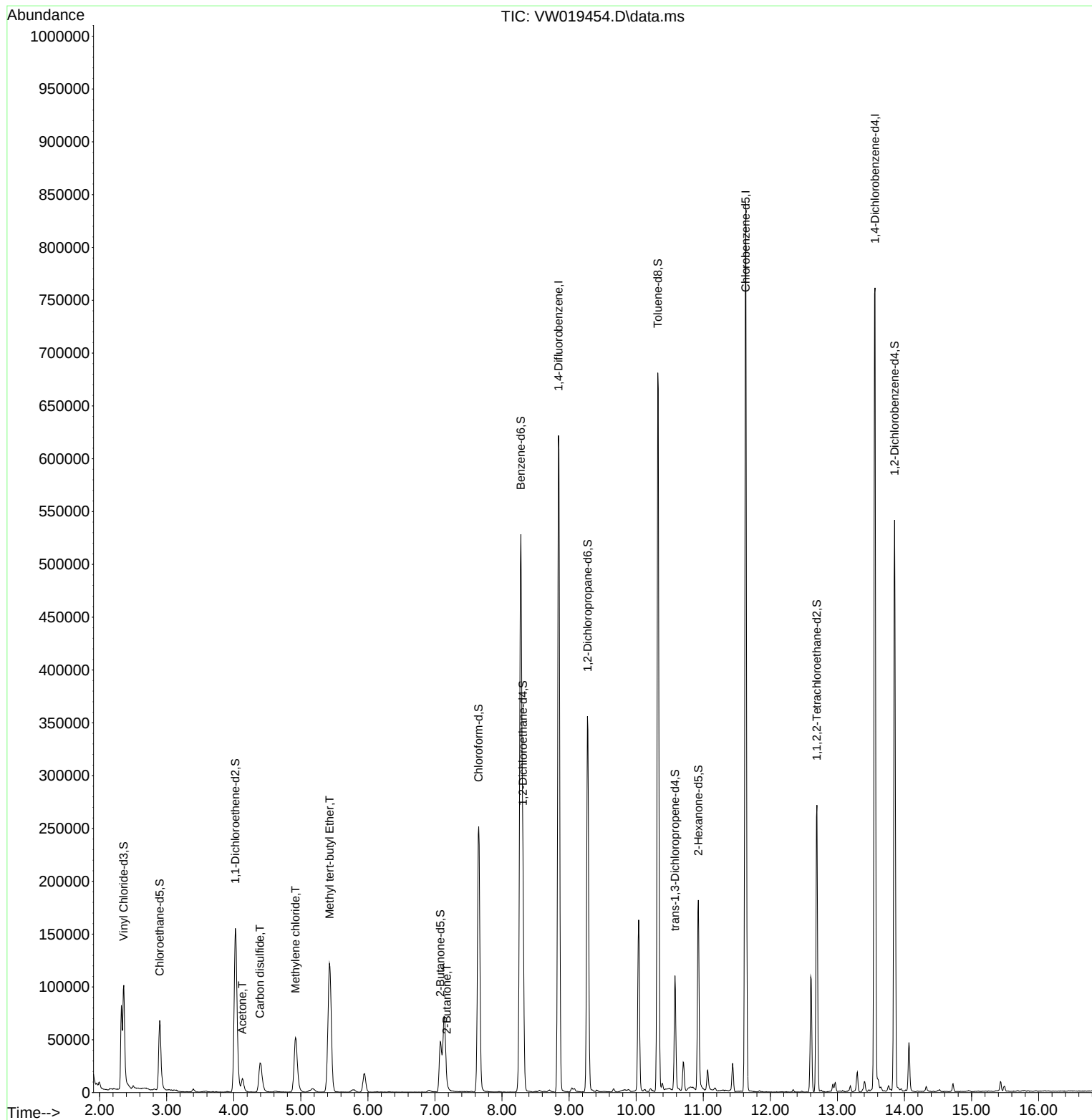
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
Data File : VW019454.D
Acq On : 13 Jul 2021 01:24
Operator : SY/VA
Sample : M2978-03
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

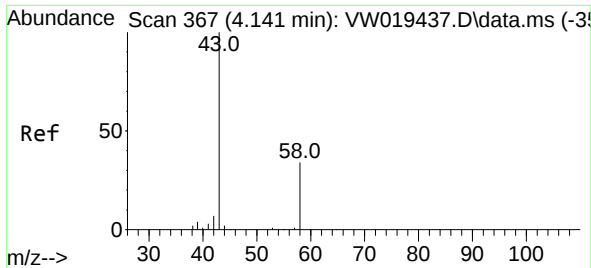
Instrument :
MSVOA_W
ClientSampleId :
BG7G7

Manual Integrations
APPROVED

apatel
7/14/2021 12:54:23 PM

Quant Time: Jul 13 04:40:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 13 04:35:18 2021
Response via : Initial Calibration





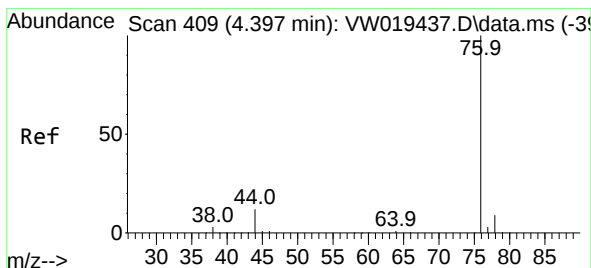
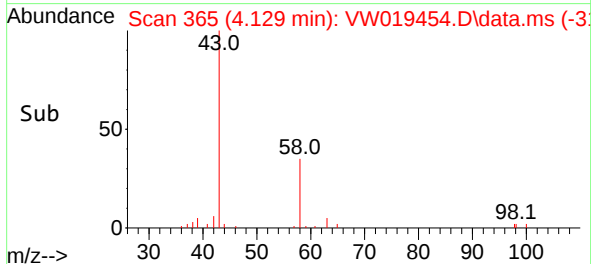
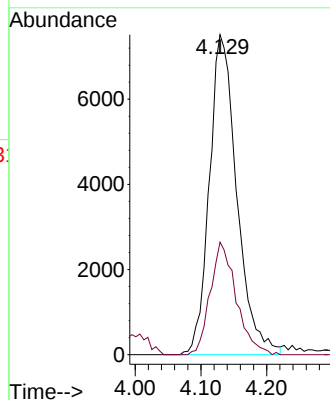
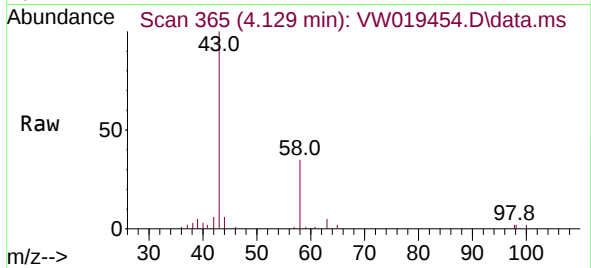
#13
Acetone
Concen: 13.627 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019454.D
Acq: 13 Jul 2021 01:24

Tgt Ion: 43 Resp: 21866
Ion Ratio Lower Upper
43 100
58 33.2 0.0 53.8

Instrument :
MSVOA_W
ClientSampled :
BG7G7

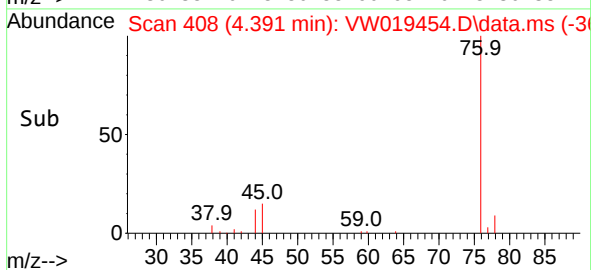
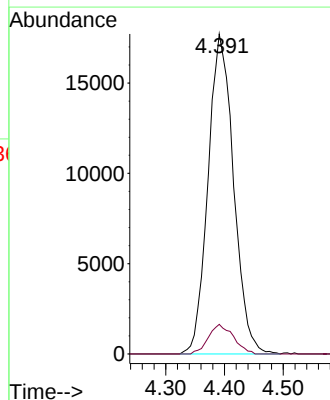
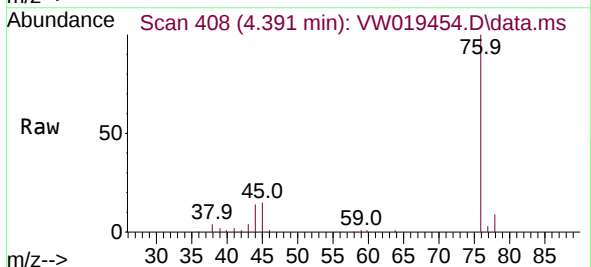
Manual Integrations
APPROVED

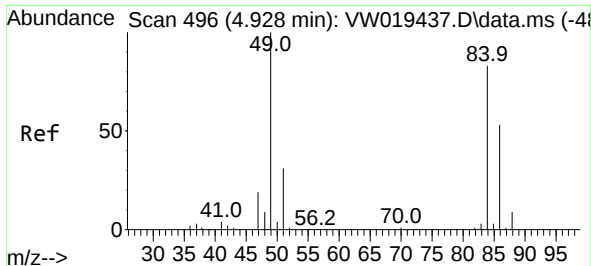
apatel
7/14/2021 12:54:23 PM



#14
Carbon disulfide
Concen: 2.417 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019454.D
Acq: 13 Jul 2021 01:24

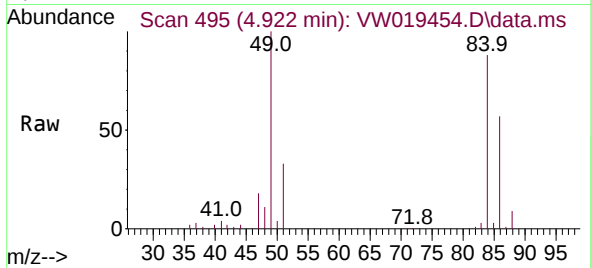
Tgt Ion: 76 Resp: 53512
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#16
Methylene chloride
Concen: 4.256 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019454.D
Acq: 13 Jul 2021 01:24

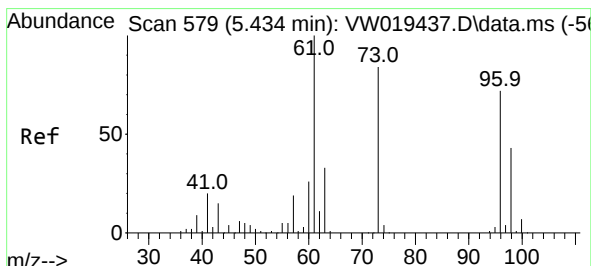
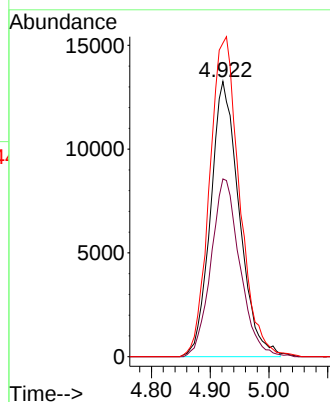
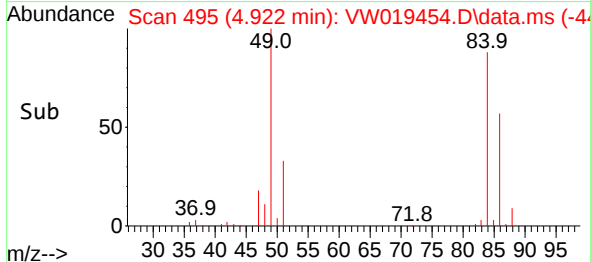
Instrument :
MSVOA_W
ClientSampleId :
BG7G7



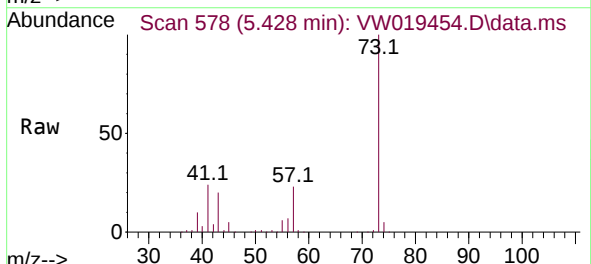
Tgt Ion	Ratio	Lower	Upper
84	100		
86	64.6	45.3	84.1
49	114.0	86.6	160.8

Manual Integrations
APPROVED

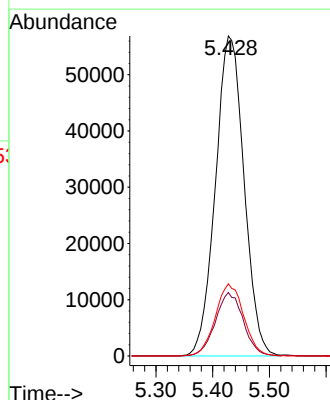
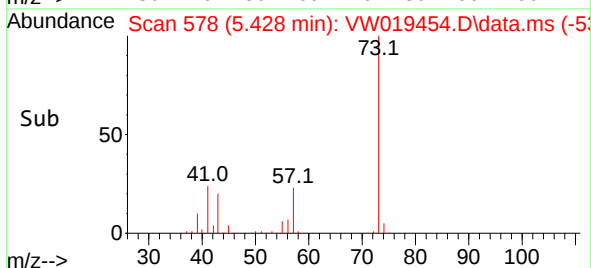
apatel
7/14/2021 12:54:23 PM

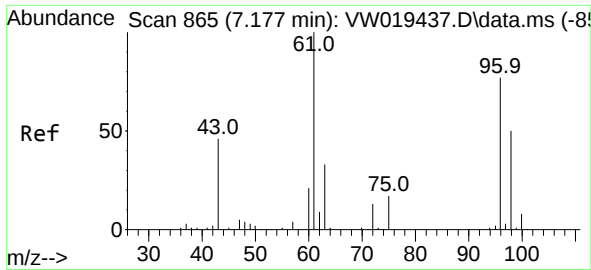


#18
Methyl tert-butyl Ether
Concen: 19.155 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019454.D
Acq: 13 Jul 2021 01:24



Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.4	17.7	26.5
57	22.3	17.0	25.4





#22
 2-Butanone
 Concen: 3.112 ug/L m
 RT: 7.177 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: VW019454.D
 Acq: 13 Jul 2021 01:24

Tgt Ion: 43 Resp: 7727
 Ion Ratio Lower Upper
 43 100
 72 1.0 14.9 44.7#

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7G7

Manual Integrations
 APPROVED

apatel
 7/14/2021 12:54:23 PM

