

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018857.D
 Acq On : 29 Apr 2021 19:54
 Operator : SY/VA
 Sample : M2181-16
 Misc : 4.38G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 02:13:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 02:09:50 2021
 Response via : Initial Calibration

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

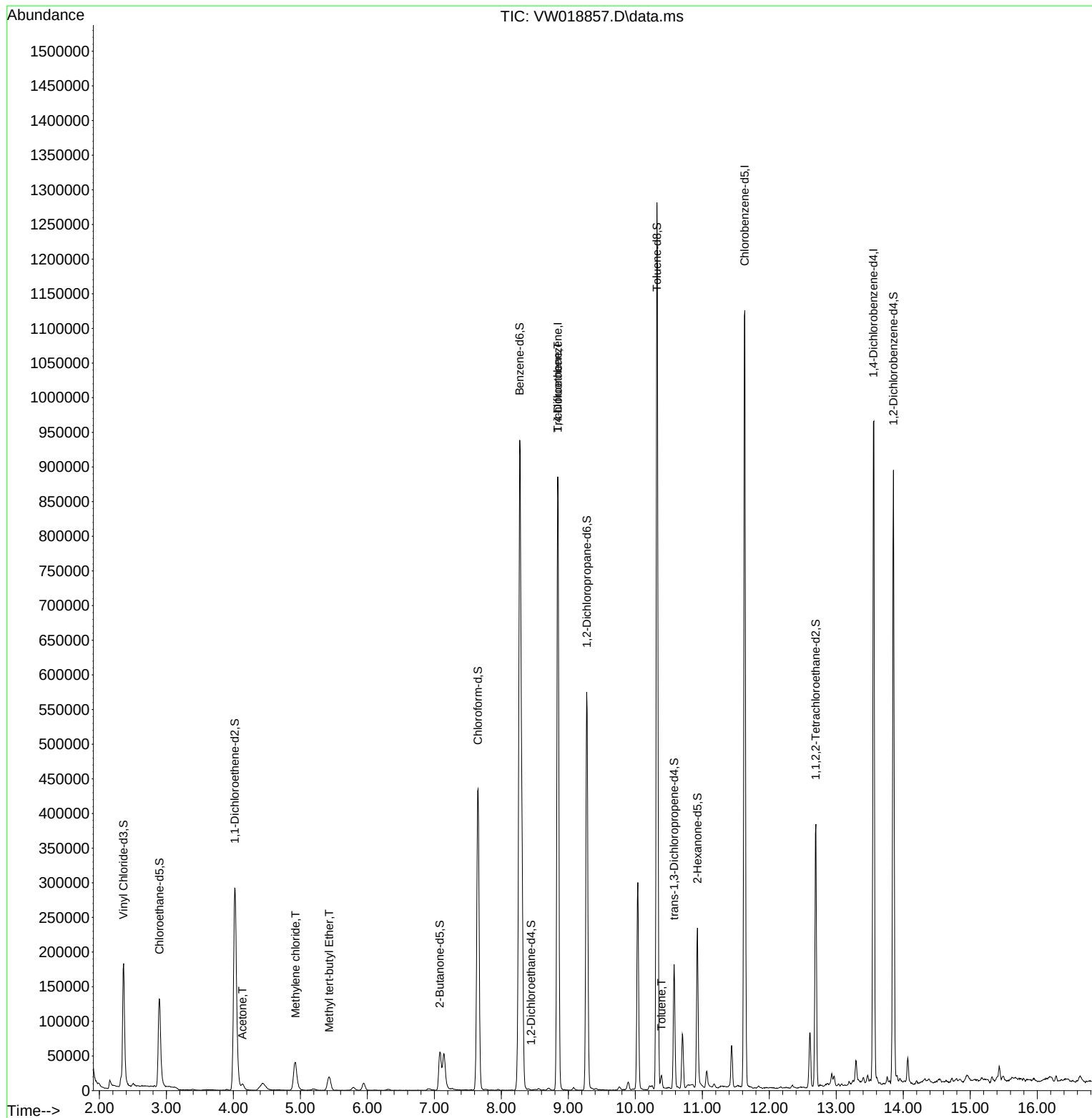
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	751815	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	618530	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	249774	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	227060	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
7) Chloroethane-d5	2.898	69	180905	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
11) 1,1-Dichloroethene-d2	4.019	63	331787	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
21) 2-Butanone-d5	7.080	46	96463	38.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.80%
24) Chloroform-d	7.653	84	451083	22.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	8.445	65	91	0.01	ug/L	0.14
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
32) Benzene-d6	8.275	84	925616	26.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.92%
36) 1,2-Dichloropropane-d6	9.274	67	267765	25.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.32%
41) Toluene-d8	10.323	98	846520	25.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.88%
43) trans-1,3-Dichloroprop...	10.579	79	99016	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.04%
47) 2-Hexanone-d5	10.927	63	81937	44.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.28%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	185463	21.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.44%
66) 1,2-Dichlorobenzene-d4	13.853	152	220048	25.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.84%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	14437	7.50	ug/L	99
16) Methylene chloride	4.928	84	37685	3.03	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	33282	2.31	ug/L	99
34) Trichloroethene	8.842	95	23290	2.36	ug/L #	5
42) Toluene	10.390	91	13600	0.33	ug/L	95

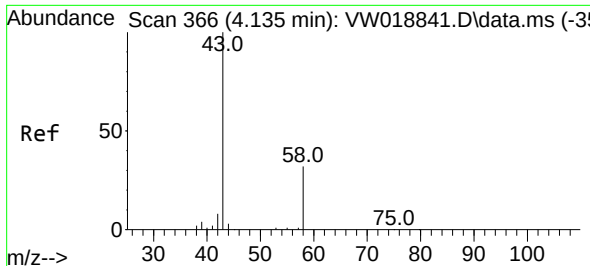
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 30 02:09:50 2021
Response via : Initial Calibration

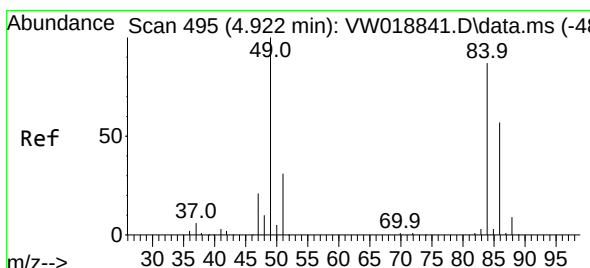
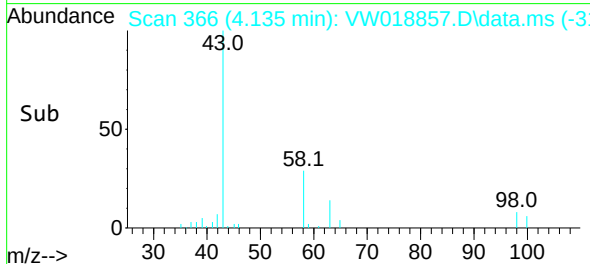
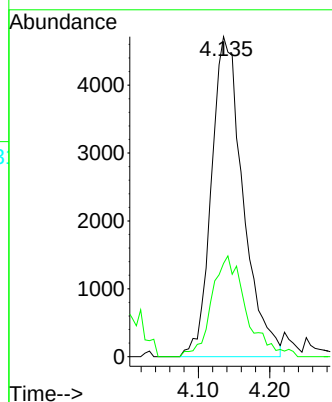
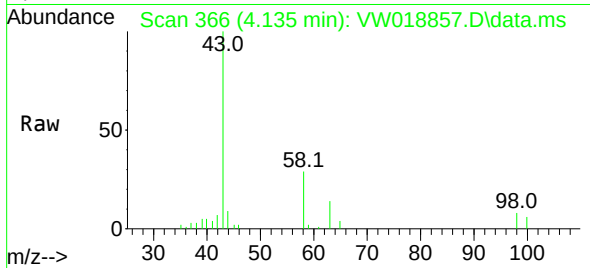




#13
Acetone
Concen: 7.50 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW018857.D
Acq: 29 Apr 2021 19:54

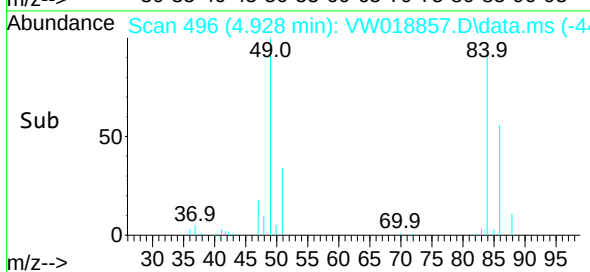
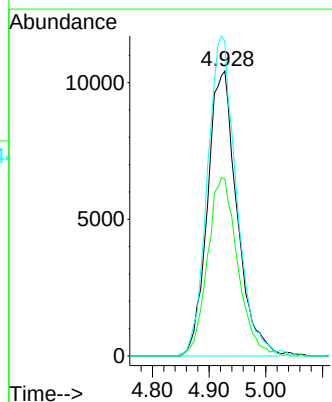
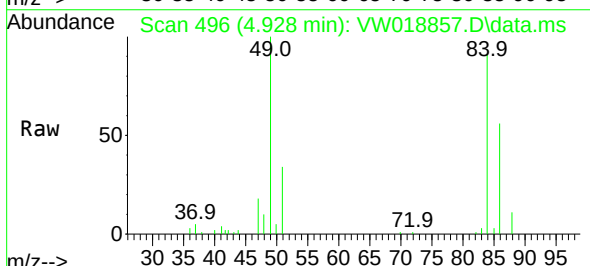
Instrument :
MSVOA_W
ClientSampled :

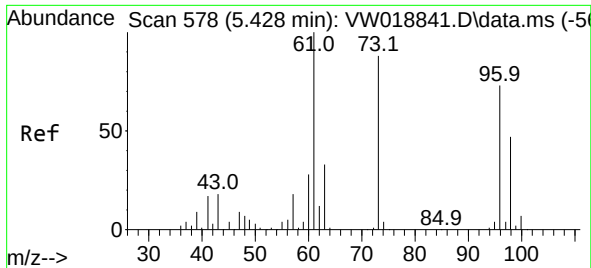
Tgt Ion: 43 Resp: 14437
Ion Ratio Lower Upper
43 100
58 27.3 0.0 53.8



#16
Methylene chloride
Concen: 3.03 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018857.D
Acq: 29 Apr 2021 19:54

Tgt Ion: 84 Resp: 37685
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 110.4 86.6 160.8



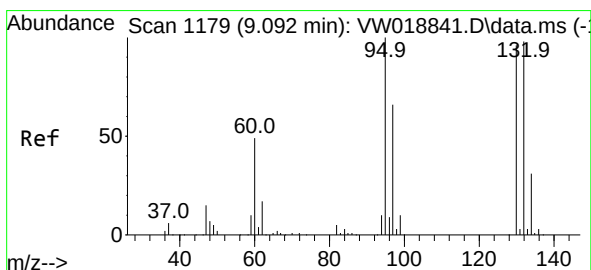
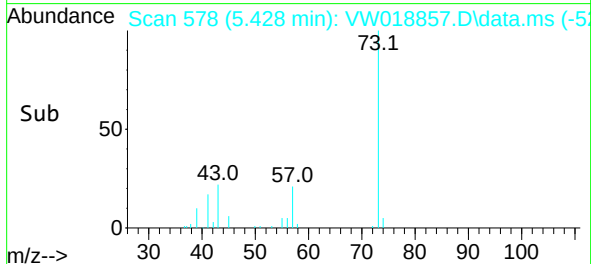
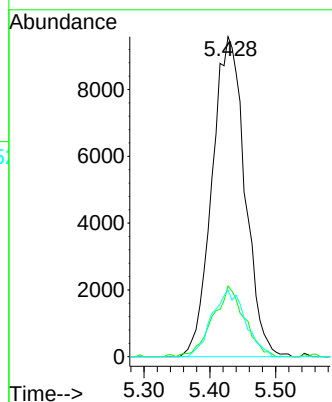
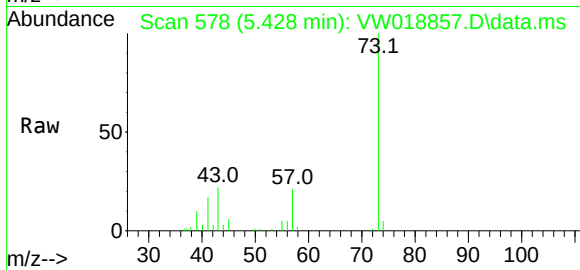


#18
Methyl tert-butyl Ether
Concen: 2.31 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018857.D
Acq: 29 Apr 2021 19:54

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 73 Resp: 33282

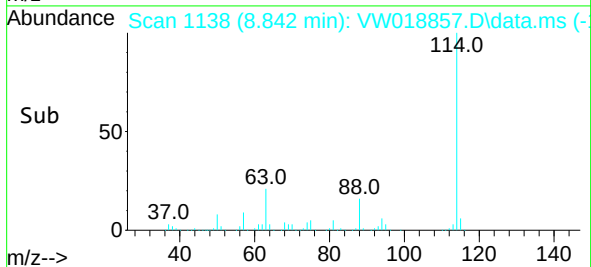
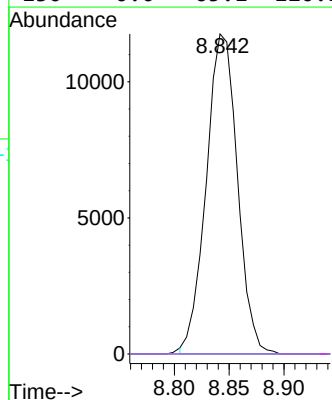
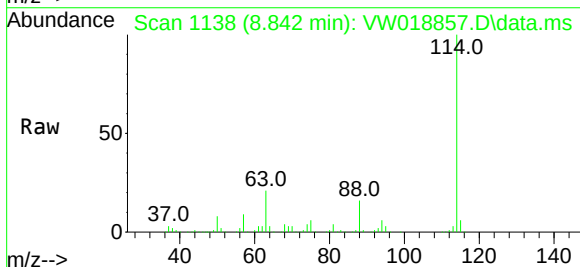
Ion	Ratio	Lower	Upper
73	100		
43	21.3	17.7	26.5
57	21.2	17.0	25.4

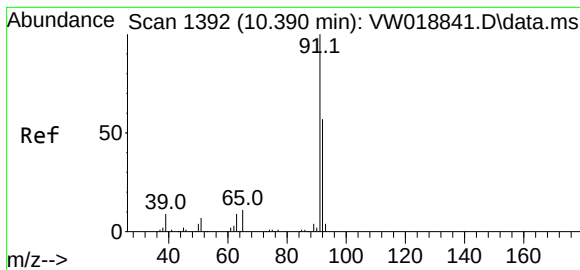


#34
Trichloroethene
Concen: 2.36 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018857.D
Acq: 29 Apr 2021 19:54

Tgt Ion: 95 Resp: 23290

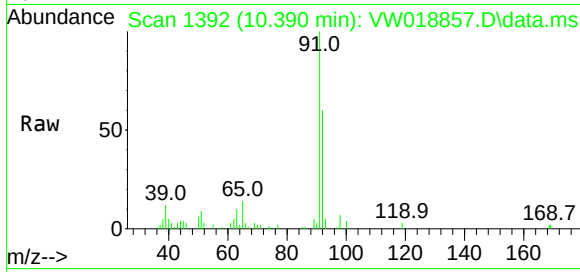
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#





#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018857.D
Acq: 29 Apr 2021 19:54

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 91 Resp: 13600
Ion Ratio Lower Upper
91 100
92 60.0 39.5 73.3

