

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052523\
 Data File : VW026043.D
 Acq On : 25 May 2023 16:14
 Operator : SY/MD
 Sample : 02950-08
 Misc : 3.74g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW985

Quant Time: May 26 00:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 26 00:33:05 2023
 Response via : Initial Calibration

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

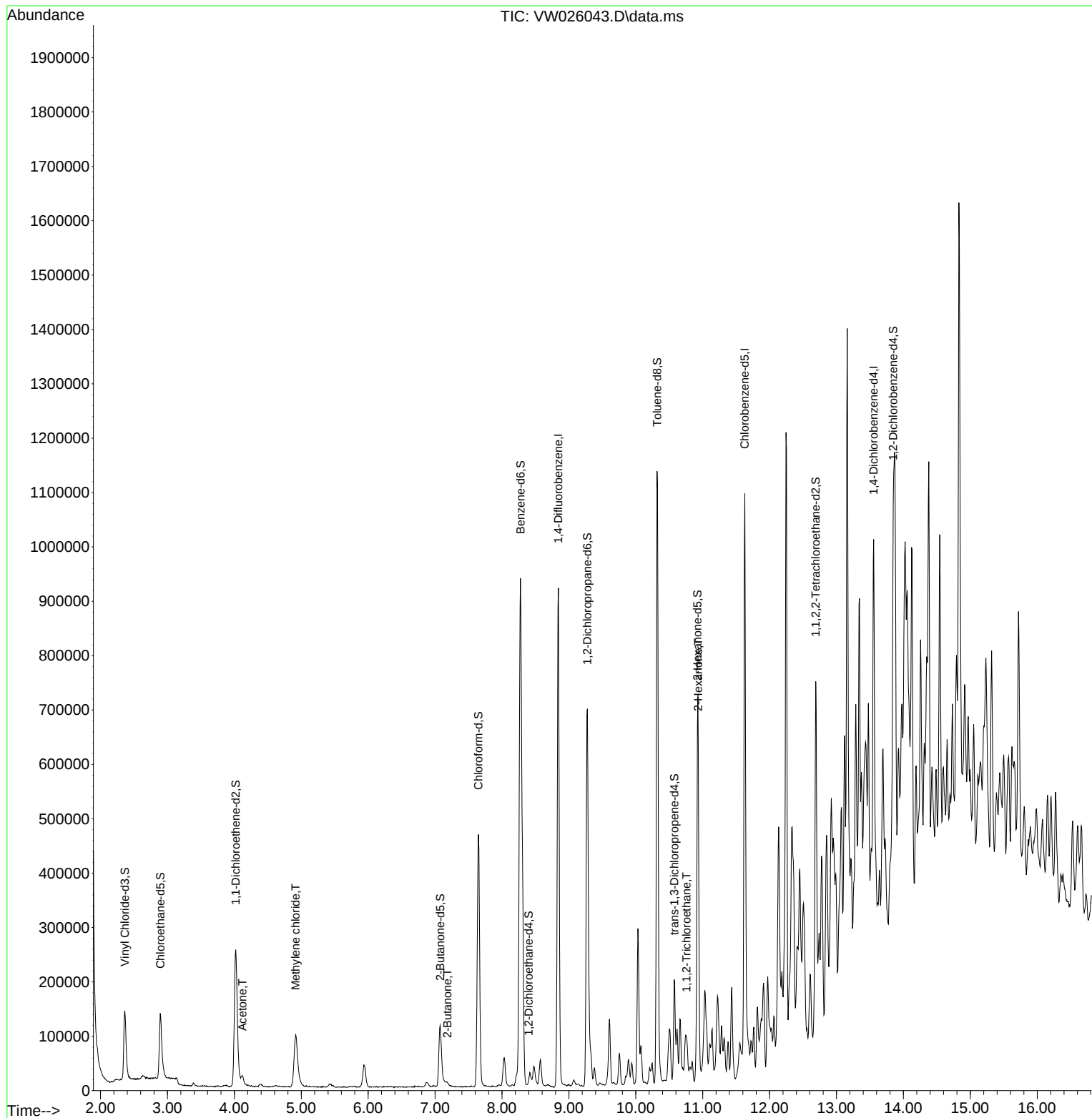
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	715235	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	521537	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	192974	19.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.160%
7) Chloroethane-d5	2.893	69	182247	24.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	4.021	65	96831	19.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.320%
21) 2-Butanone-d5	7.075	46	203223	60.652	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.300%
24) Chloroform-d	7.648	84	471782	22.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.520%
26) 1,2-Dichloroethane-d4	8.398	65	90	0.008	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	926482	27.187	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.760%
36) 1,2-Dichloropropane-d6	9.276	67	321420	29.479	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.920%
41) Toluene-d8	10.319	98	708571	23.317	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	10.575	79	100118	22.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.600%
47) 2-Hexanone-d5	10.922	63	142513	76.650	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.300%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239208	28.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	138067	24.565	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.280%
Target Compounds					Qvalue	
13) Acetone	4.119	43	32069	10.794	ug/L	99
16) Methylene chloride	4.917	84	79640	5.399	ug/L	93
22) 2-Butanone	7.185	43	12973	3.162	ug/L	86
45) 1,1,2-Trichloroethane	10.758	97	16031	2.424	ug/L #	30
48) 2-Hexanone	10.934	43	171050	37.106	ug/L #	32

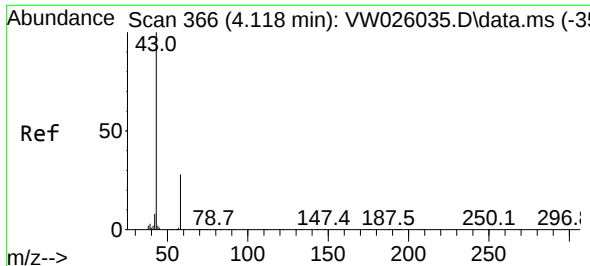
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 26 00:33:05 2023
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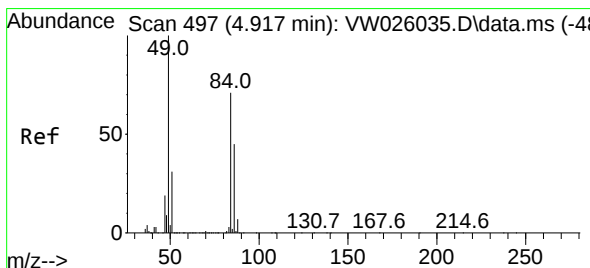
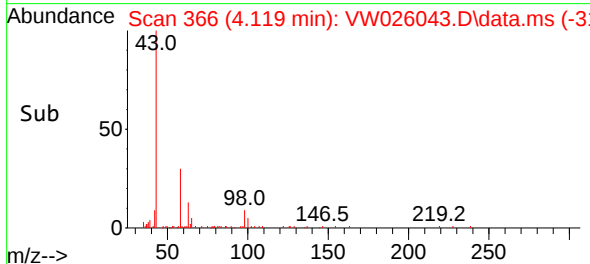
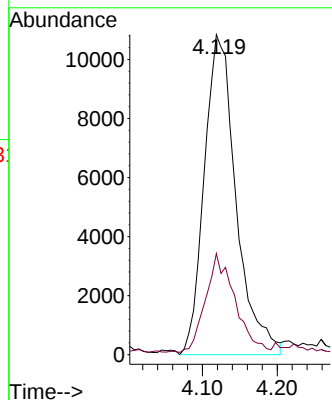
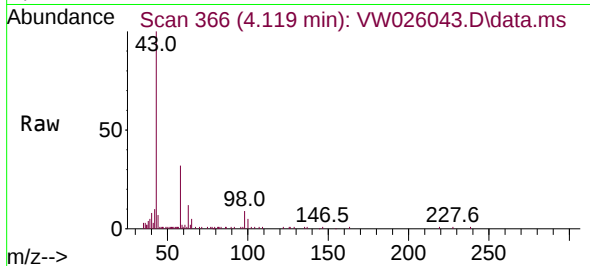




#13
Acetone
Concen: 10.794 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW026043.D
Acq: 25 May 2023 16:14

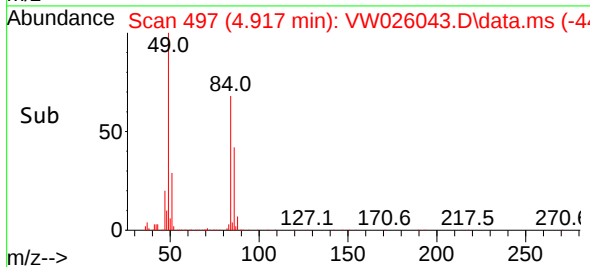
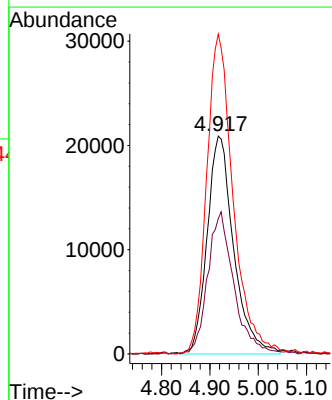
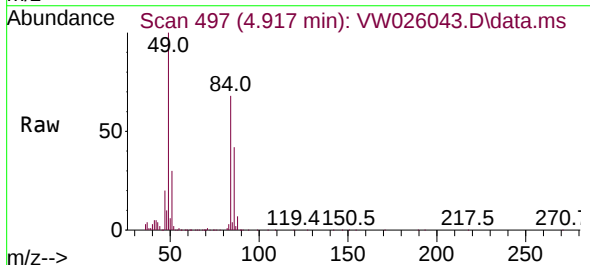
Instrument :
MSVOA_W
ClientSampleId :
EW985

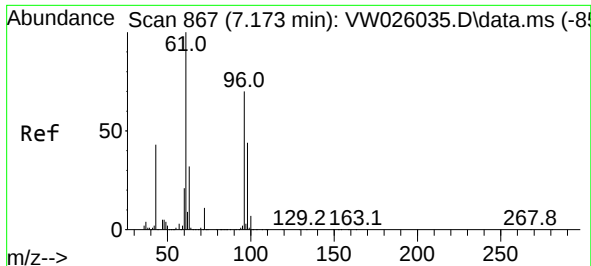
Tgt Ion: 43 Resp: 32069
Ion Ratio Lower Upper
43 100
58 28.4 0.0 58.2



#16
Methylene chloride
Concen: 5.399 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW026043.D
Acq: 25 May 2023 16:14

Tgt Ion: 84 Resp: 79640
Ion Ratio Lower Upper
84 100
86 62.1 41.7 77.5
49 146.8 95.3 177.1

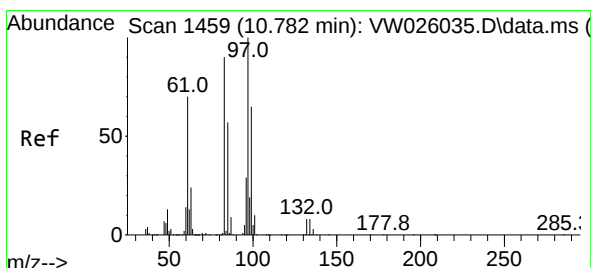
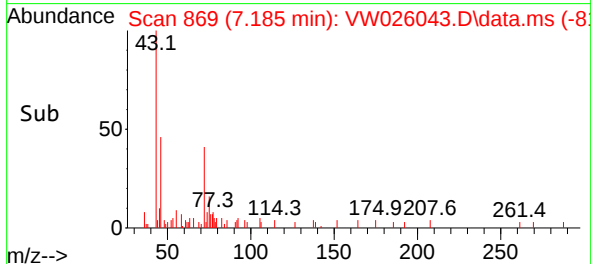
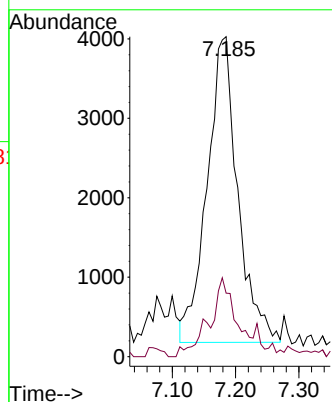
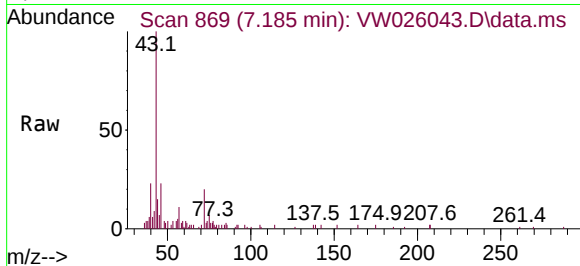




#22
2-Butanone
Concen: 3.162 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW026043.D
Acq: 25 May 2023 16:14

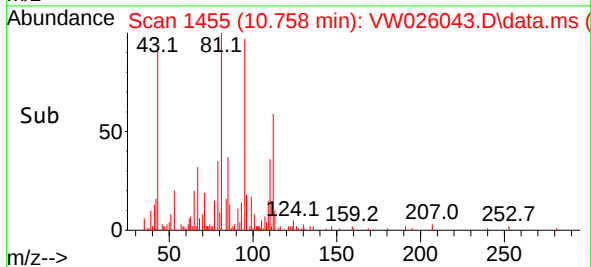
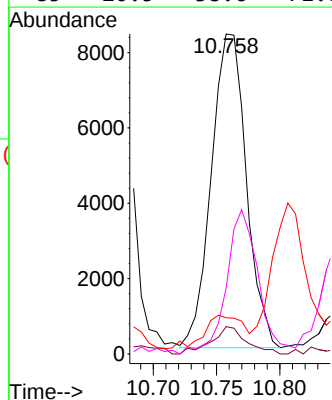
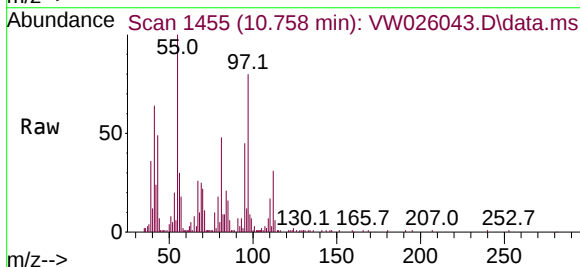
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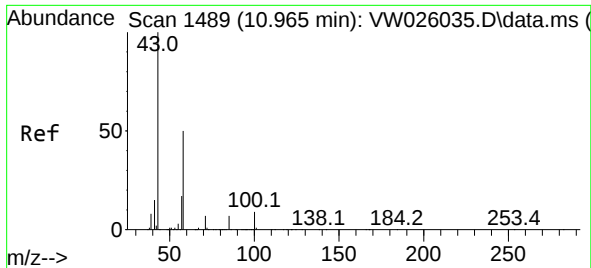
Tgt Ion: 43 Resp: 12973
Ion Ratio Lower Upper
43 100
72 16.5 11.8 35.4



#45
1,1,2-Trichloroethane
Concen: 2.424 ug/L
RT: 10.758 min Scan# 1455
Delta R.T. -0.024 min
Lab File: VW026043.D
Acq: 25 May 2023 16:14

Tgt Ion: 97 Resp: 16031
Ion Ratio Lower Upper
97 100
99 8.6 44.5 82.7#
83 11.3 63.0 117.0#
85 20.5 38.6 71.8#





#48
 2-Hexanone
 Concen: 37.106 ug/L
 RT: 10.934 min Scan# 14
 Delta R.T. -0.030 min
 Lab File: VW026043.D
 Acq: 25 May 2023 16:14

Instrument :
 MSVOA_W
 ClientSampleId :
 EW985

Tgt Ion: 43 Resp: 171050
 Ion Ratio Lower Upper
 43 100
 58 5.6 40.8 61.2#
 57 60.5 13.6 20.4#
 100 0.2 8.0 12.0#

