

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027802.D
 Acq On : 20 Dec 2023 01:31
 Operator : SY/MD
 Sample : VIBLK583
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 03:16:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

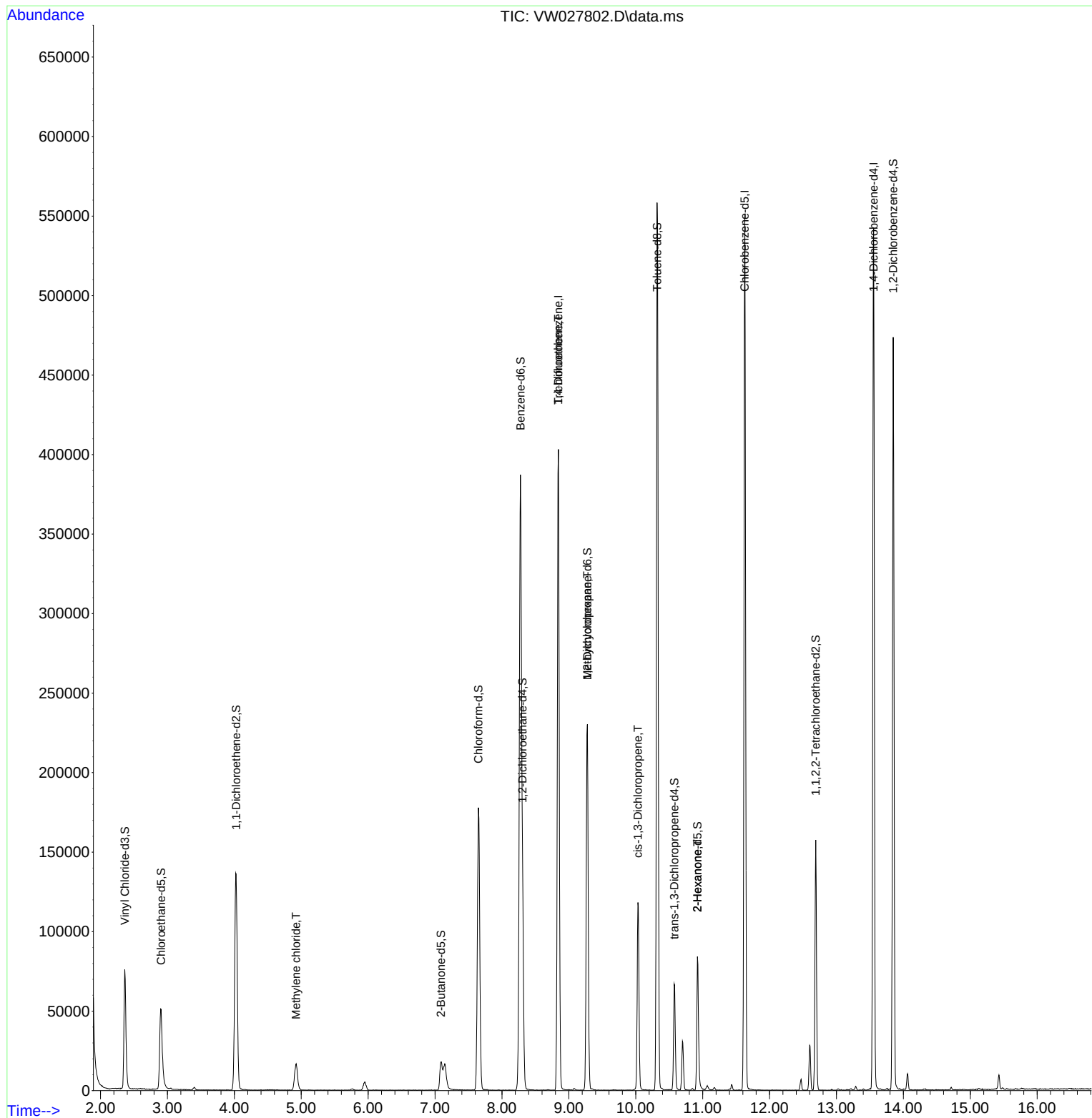
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	373693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163242	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	96676	18.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.080%
7) Chloroethane-d5	2.905	69	80475	19.530	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.120%
11) 1,1-Dichloroethene-d2	4.027	65	41835	19.737	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.960%
21) 2-Butanone-d5	7.088	46	32532	36.099	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.200%
24) Chloroform-d	7.648	84	190156	21.385	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.520%
26) 1,2-Dichloroethane-d4	8.307	65	87918	21.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.240%
32) Benzene-d6	8.276	84	426252	21.797	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.276	67	116437	21.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.080%
41) Toluene-d8	10.319	98	398690	21.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.880%
43) trans-1,3-Dichloroprop...	10.575	79	40801	19.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.080%
47) 2-Hexanone-d5	10.922	63	31345	38.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	79267	18.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.680%
66) 1,2-Dichlorobenzene-d4	13.849	152	128969	22.071	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.280%
Target Compounds						
16) Methylene chloride	4.923	84	14198	2.423	ug/L	93
34) Trichloroethene	8.843	95	10029	1.897	ug/L #	3
35) Methylcyclohexane	9.276	83	28200	2.957	ug/L #	22
39) cis-1,3-Dichloropropene	10.032	75	2888	0.405	ug/L #	61
48) 2-Hexanone	10.922	43	3554	2.333	ug/L #	67

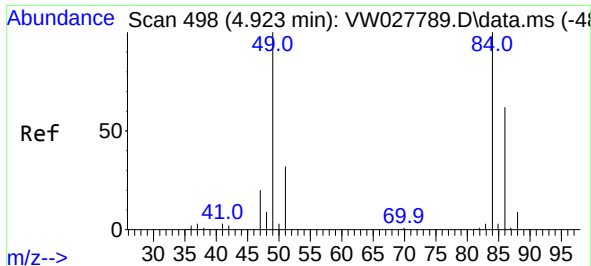
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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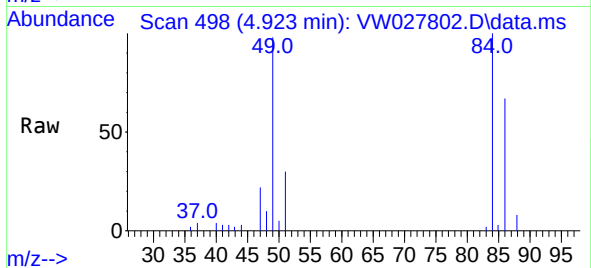
Quant Time: Dec 20 03:16:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
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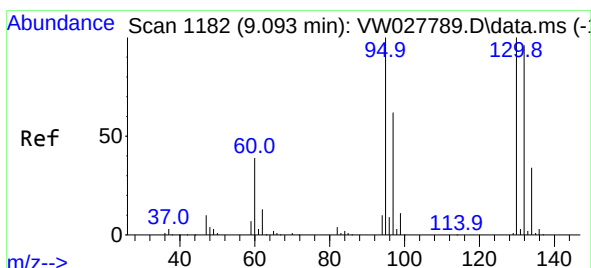
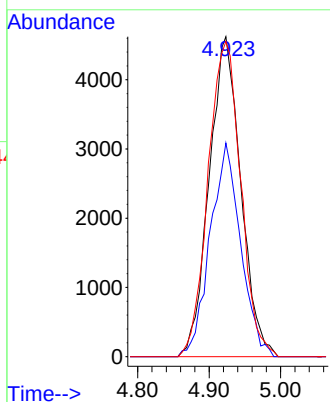
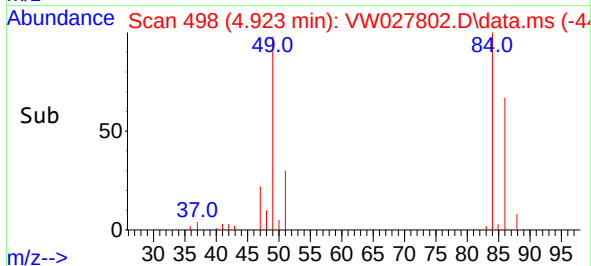


#16
Methylene chloride
Concen: 2.423 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027802.D
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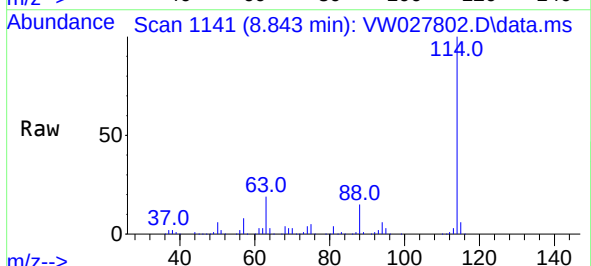
Instrument :
MSVOA_W
ClientSampleId :



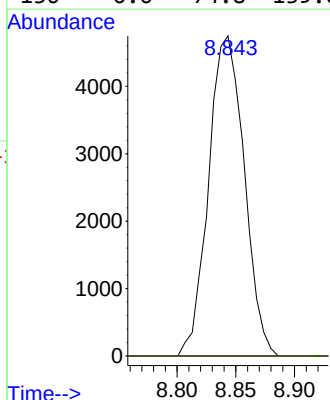
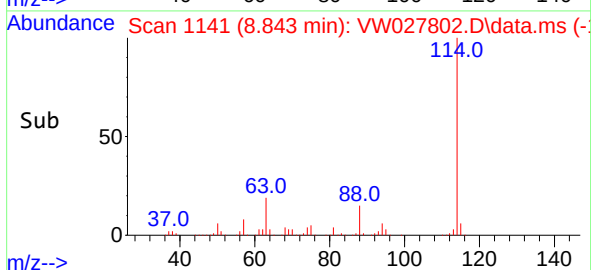
Tgt Ion: 84 Resp: 14198
Ion Ratio Lower Upper
84 100
86 66.7 45.8 85.2
49 98.5 76.2 141.6

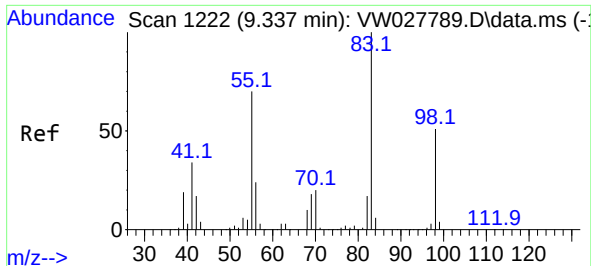


#34
Trichloroethene
Concen: 1.897 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.244 min
Lab File: VW027802.D
Acq: 20 Dec 2023 01:31



Tgt Ion: 95 Resp: 10029
Ion Ratio Lower Upper
95 100
97 0.0 45.9 85.3#
132 0.0 70.4 130.8#
130 0.0 74.8 139.0#





#35

Methylcyclohexane

Concen: 2.957 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.055 min

Lab File: VW027802.D

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Instrument :

MSVOA_W

ClientSampleId :

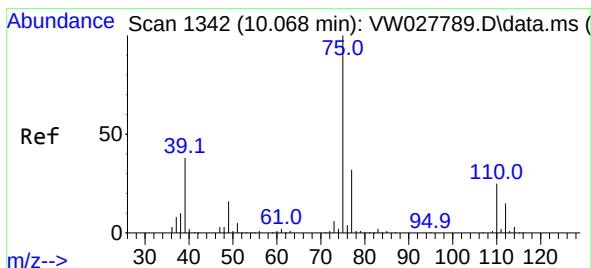
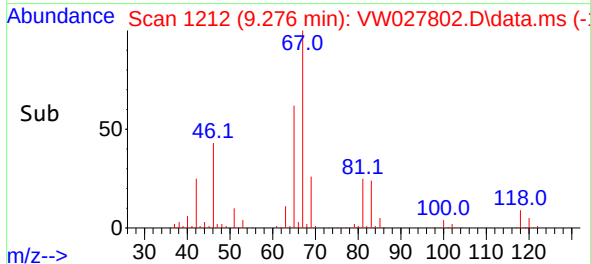
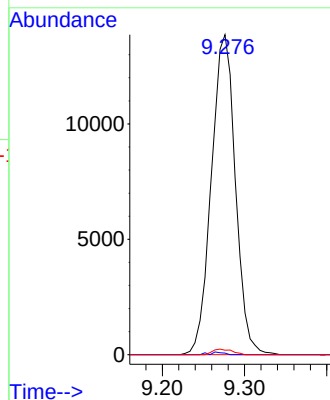
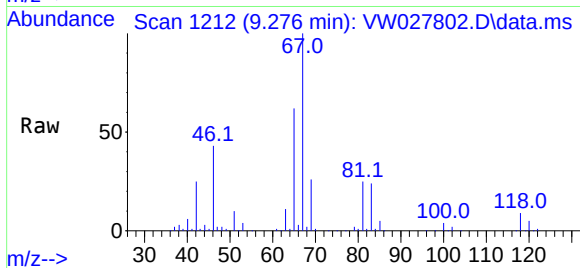
Tgt Ion: 83 Resp: 28200

Ion Ratio Lower Upper

83 100

55 0.4 55.1 82.7#

98 1.4 39.3 58.9#



#39

cis-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW027802.D

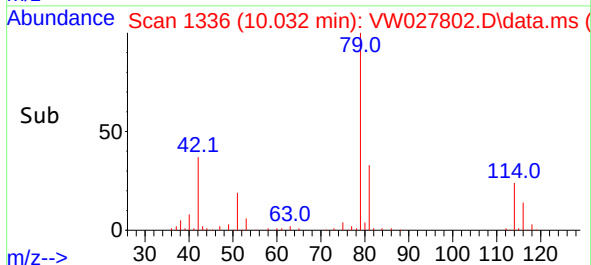
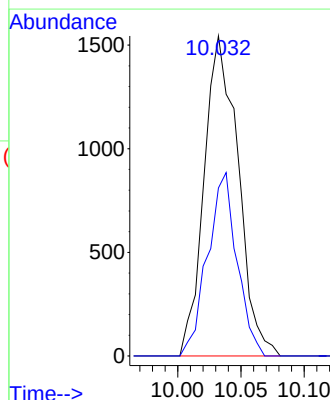
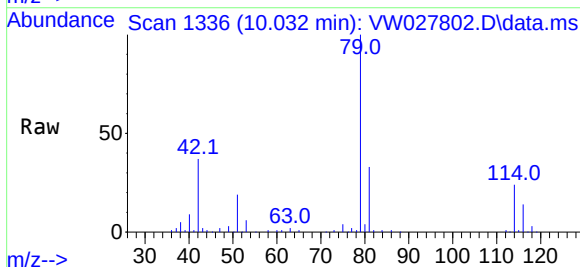
Acq: 20 Dec 2023 01:31

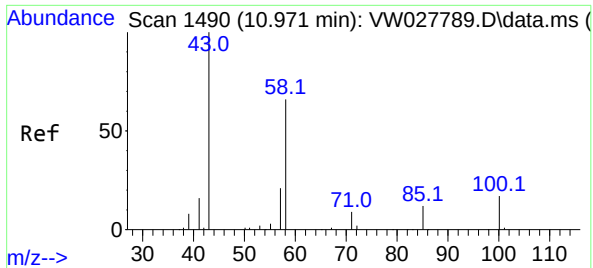
Tgt Ion: 75 Resp: 2888

Ion Ratio Lower Upper

75 100

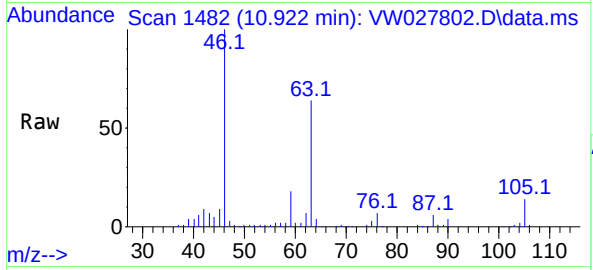
77 52.5 21.8 40.6#





#48
2-Hexanone
Concen: 2.333 ug/L
RT: 10.922 min Scan# 14
Delta R.T. -0.043 min
Lab File: VW027802.D
Acq: 20 Dec 2023 01:31

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 3554

Ion	Ratio	Lower	Upper
43	100		
58	34.3	50.4	75.6#
57	29.3	17.0	25.6#
100	0.0	11.9	17.9#

