

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027776.D
 Acq On : 19 Dec 2023 14:01
 Operator : SY/MD
 Sample : 05794-22RE
 Misc : 4.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 22:35:37 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)

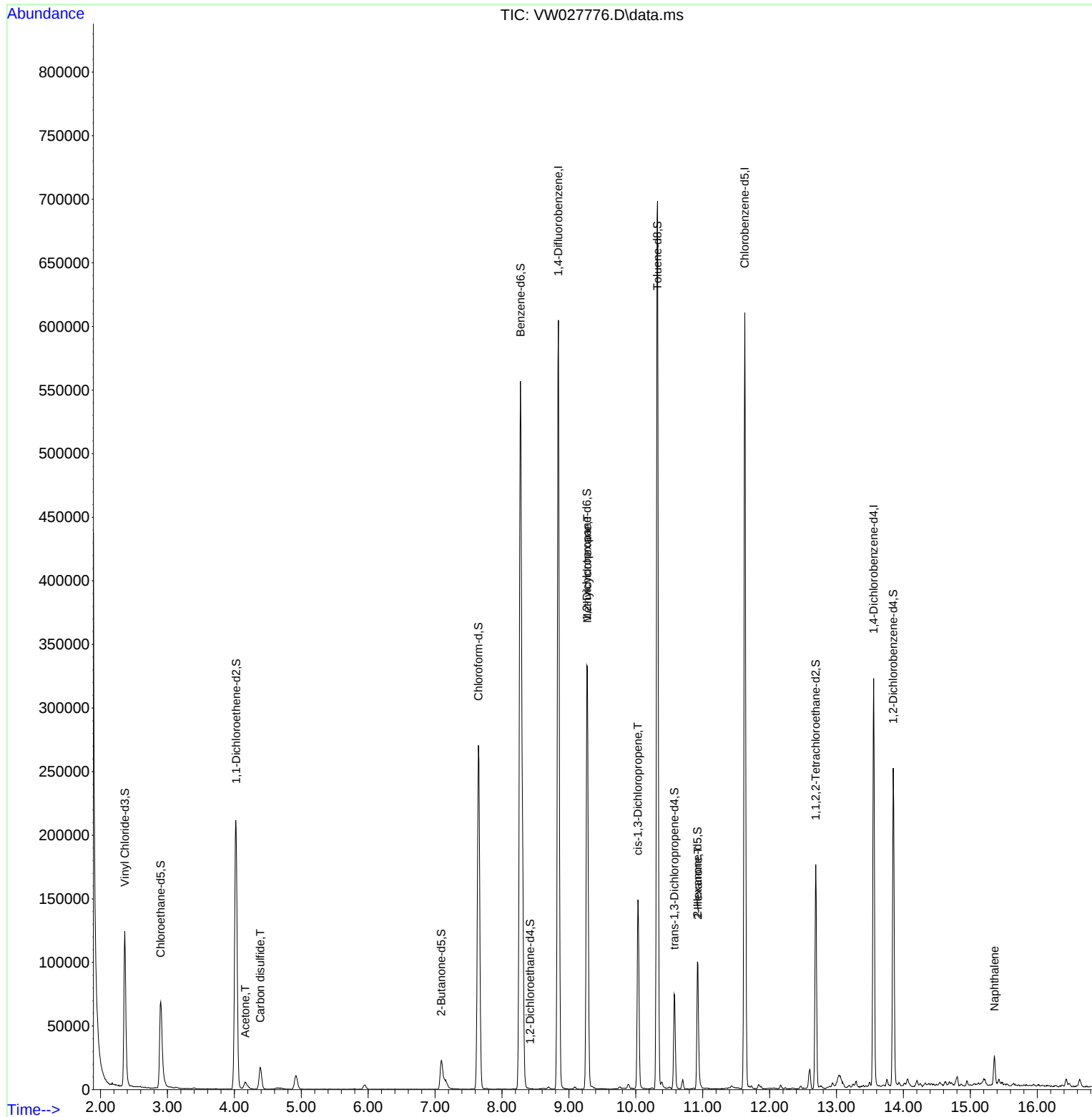
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	546250	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	358428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	87010	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	156944	20.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.160%
7) Chloroethane-d5	2.899	69	113758	18.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.560%
11) 1,1-Dichloroethene-d2	4.027	65	63486	20.490	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.960%
21) 2-Butanone-d5	7.093	46	41060	31.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.340%
24) Chloroform-d	7.648	84	293239	22.560	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.240%
26) 1,2-Dichloroethane-d4	8.422	65	82	0.013	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	629930	30.071	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.280%
36) 1,2-Dichloropropane-d6	9.270	67	172724	29.104	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.400%
41) Toluene-d8	10.325	98	497945	25.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	10.575	79	44138	19.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.840%
47) 2-Hexanone-d5	10.922	63	37742	43.640	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90876	20.249	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	71393	22.922	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.680%
Target Compounds	Qvalue					
13) Acetone	4.161	43	12182	10.187	ug/L	97
14) Carbon disulfide	4.387	76	37144	1.652	ug/L	99
35) Methylcyclohexane	9.276	83	41356	4.048	ug/L #	22
39) cis-1,3-Dichloropropene	10.032	75	3618	0.473	ug/L #	53
48) 2-Hexanone	10.928	43	4233	2.594	ug/L #	64
71) Naphthalene	15.360	128	20588	3.832	ug/L	97

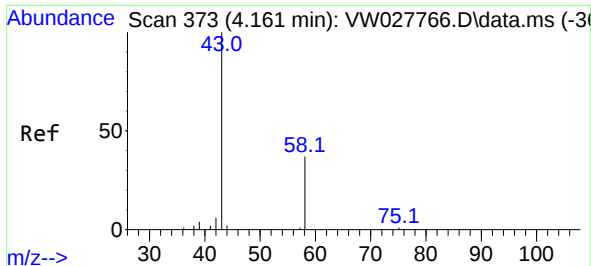
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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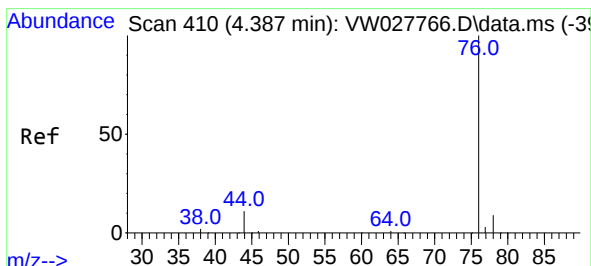
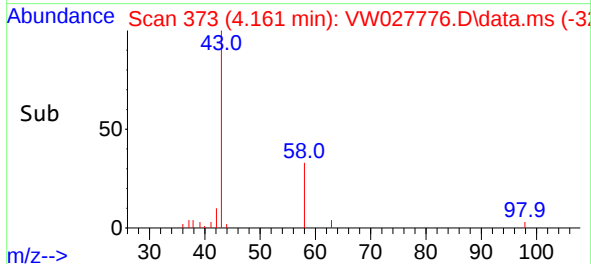
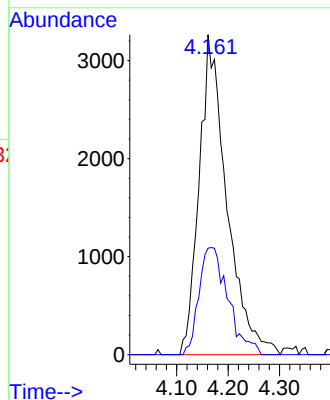
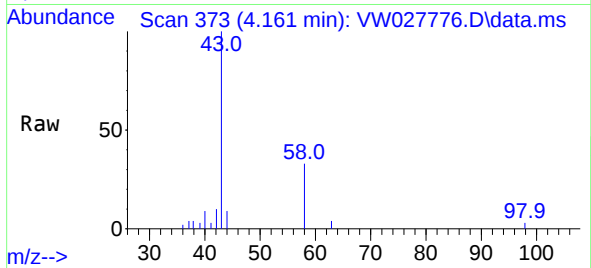




#13
Acetone
Concen: 10.187 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.025 min
Lab File: VW027776.D
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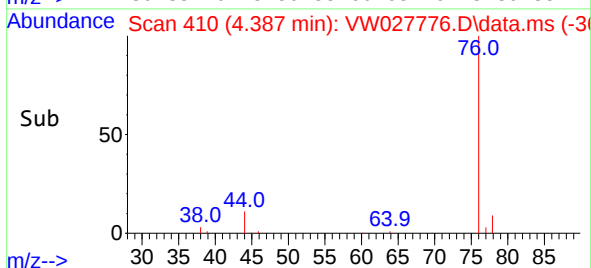
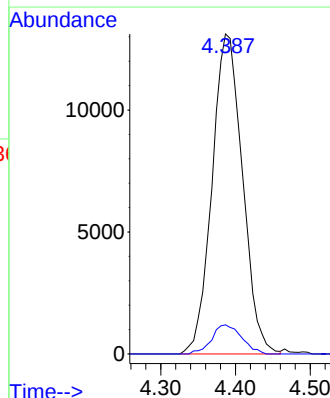
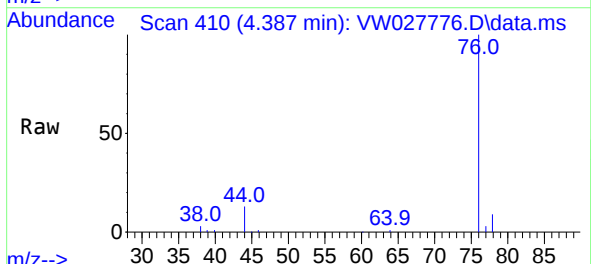
Instrument :
MSVOA_W
ClientSampleId :

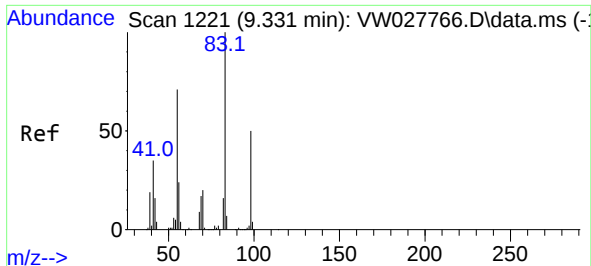
Tgt Ion: 43 Resp: 12182
Ion Ratio Lower Upper
43 100
58 32.5 0.0 68.6



#14
Carbon disulfide
Concen: 1.652 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW027776.D
Acq: 19 Dec 2023 14:01

Tgt Ion: 76 Resp: 37144
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

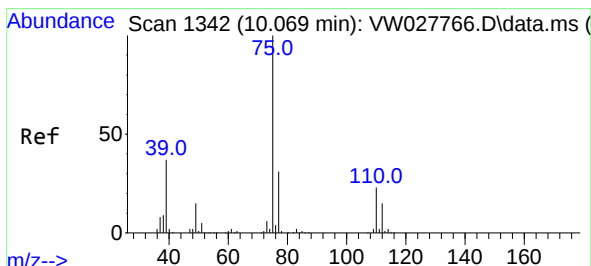
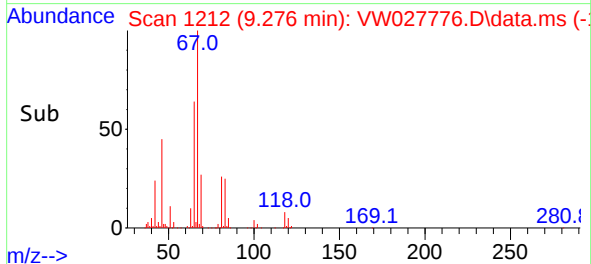
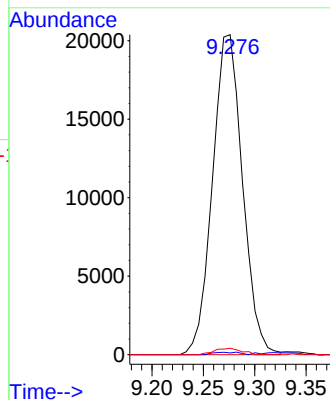
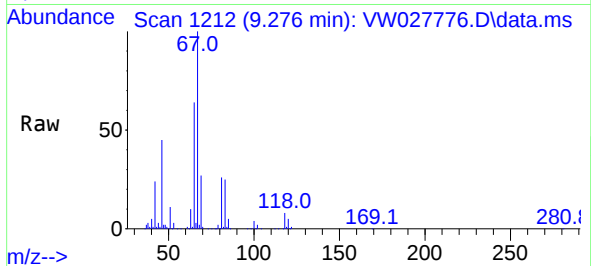




#35
Methylcyclohexane
Concen: 4.048 ug/L
RT: 9.276 min Scan# 11
Delta R.T. -0.055 min
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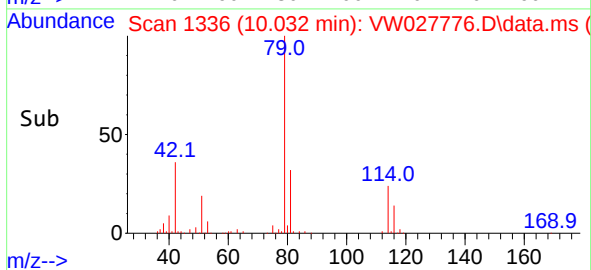
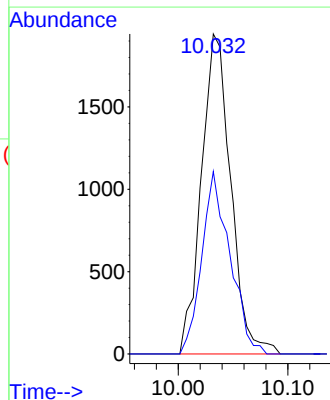
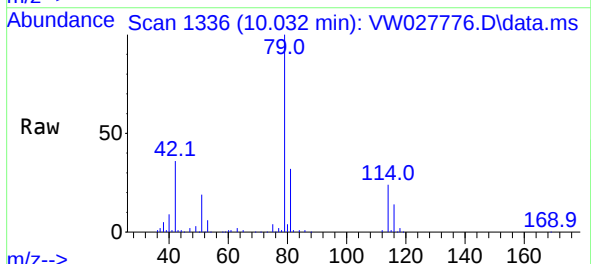
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MSVOA_W
ClientSampleId :

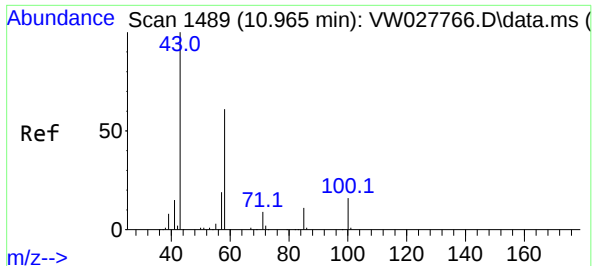
Tgt Ion: 83 Resp: 41356
Ion Ratio Lower Upper
83 100
55 0.4 55.1 82.7#
98 1.8 39.3 58.9#



#39
cis-1,3-Dichloropropene
Concen: 0.473 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.037 min
Lab File: VW027776.D
Acq: 19 Dec 2023 14:01

Tgt Ion: 75 Resp: 3618
Ion Ratio Lower Upper
75 100
77 57.0 21.8 40.6#





#48

2-Hexanone

Concen: 2.594 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

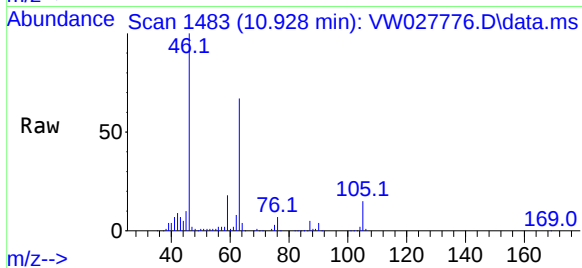
Lab File: VW027776.D

Acq: 19 Dec 2023 14:01

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 4233

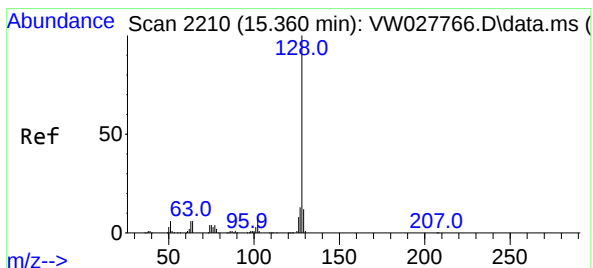
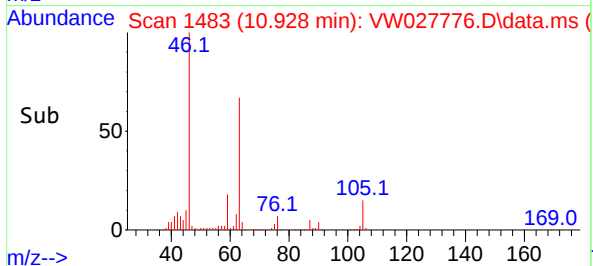
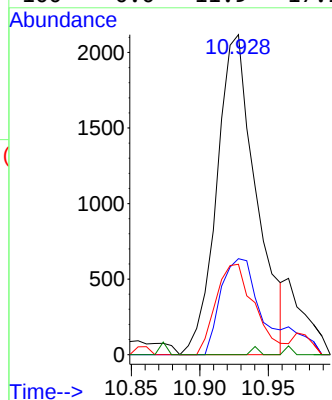
Ion Ratio Lower Upper

43 100

58 29.4 50.4 75.6#

57 28.3 17.0 25.6#

100 0.0 11.9 17.9#



#71

Naphthalene

Concen: 3.832 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW027776.D

Acq: 19 Dec 2023 14:01

Tgt Ion:128 Resp: 20588

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.2

129 11.4 8.6 12.8

