

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031596.D
 Acq On : 27 Jan 2025 16:29
 Operator : SY/MD
 Sample : Q1190-04
 Misc : 16.96g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:26:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

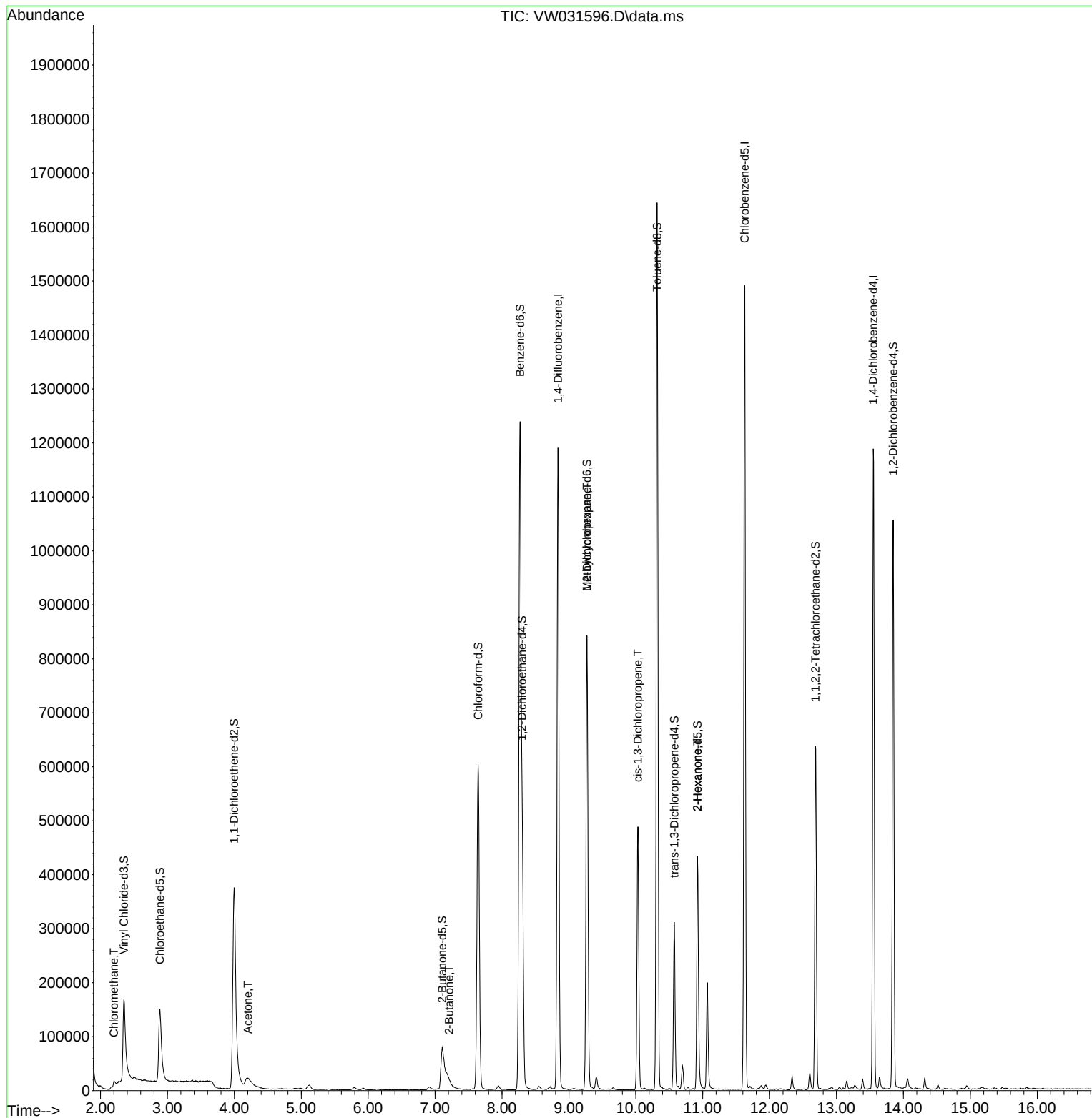
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1005941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	819989	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	311593	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	285605	18.094	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.360%
7) Chloroethane-d5	2.887	69	233154	20.683	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	3.996	65	148328	21.120	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.480%
21) 2-Butanone-d5	7.106	46	211533	83.364	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.720%#
24) Chloroform-d	7.642	84	627389	24.099	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	8.300	65	363865	28.397	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.600%
32) Benzene-d6	8.270	84	1298558	25.211	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.840%
36) 1,2-Dichloropropane-d6	9.270	67	406480	26.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.920%
41) Toluene-d8	10.318	98	1094373	23.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	10.574	79	174859	28.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.000%
47) 2-Hexanone-d5	10.922	63	159127	102.534	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	205.060%#
56) 1,1,2,2-Tetrachloroeth...	12.684	84	333066	35.813	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.240%#
66) 1,2-Dichlorobenzene-d4	13.848	152	266132	24.351	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
3) Chloromethane	2.198	50	6629	0.489	ug/L	92
13) Acetone	4.204	43	69613	35.646	ug/L	67
22) 2-Butanone	7.209	43	10624	3.185	ug/L	83
35) Methylcyclohexane	9.270	83	96476	3.566	ug/L #	18
39) cis-1,3-Dichloropropene	10.032	75	11383	0.513	ug/L #	68
48) 2-Hexanone	10.922	43	19065	4.431	ug/L #	68

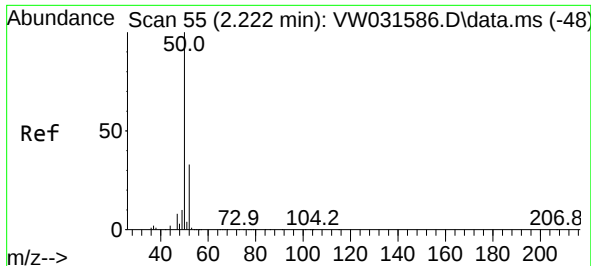
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
Response via : Initial Calibration

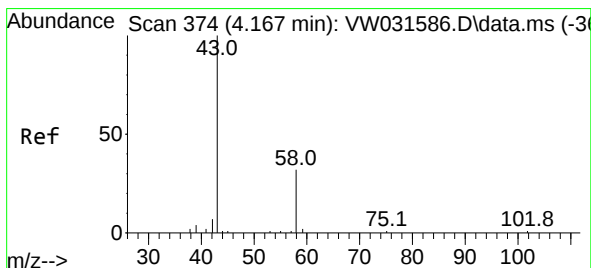
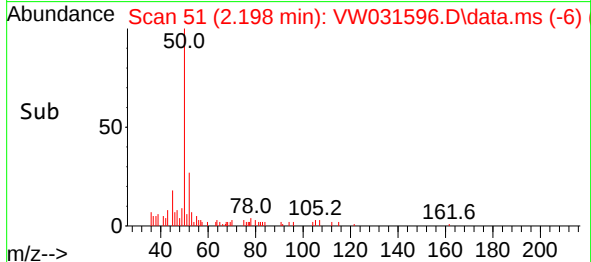
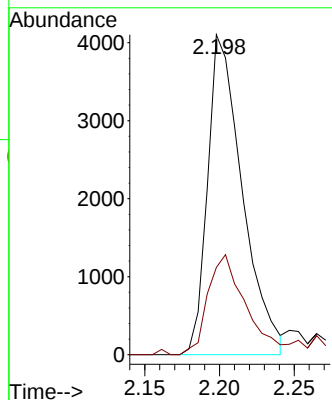
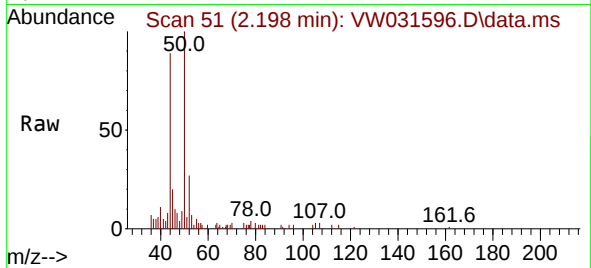




#3
Chloromethane
Concen: 0.489 ug/L
RT: 2.198 min Scan# 51
Delta R.T. -0.025 min
Lab File: VW031596.D
Acq: 27 Jan 2025 16:29

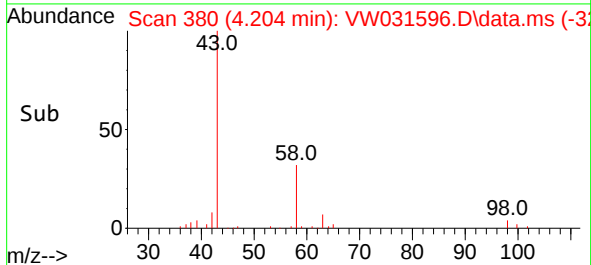
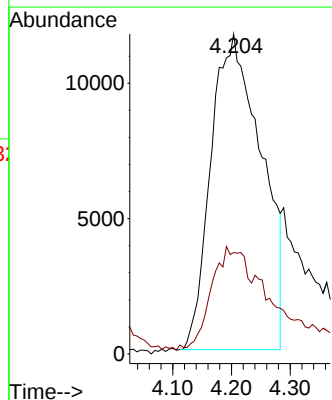
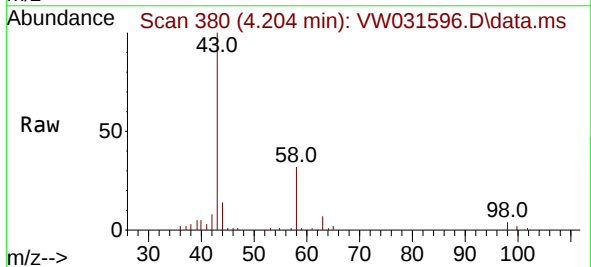
Instrument :
MSVOA_W
ClientSampleId :

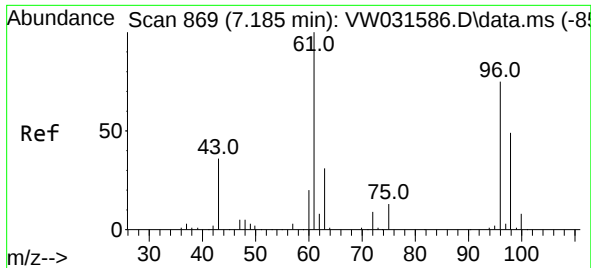
Tgt Ion: 50 Resp: 6629
Ion Ratio Lower Upper
50 100
52 27.3 22.3 41.3



#13
Acetone
Concen: 35.646 ug/L
RT: 4.204 min Scan# 380
Delta R.T. 0.036 min
Lab File: VW031596.D
Acq: 27 Jan 2025 16:29

Tgt Ion: 43 Resp: 69613
Ion Ratio Lower Upper
43 100
58 0.6 0.0 28.2

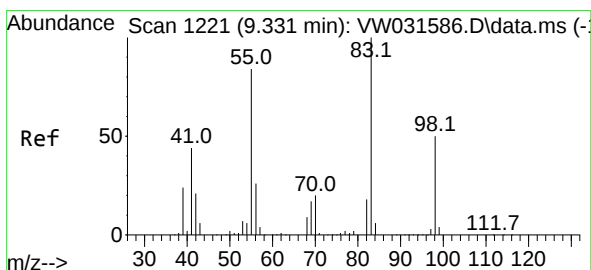
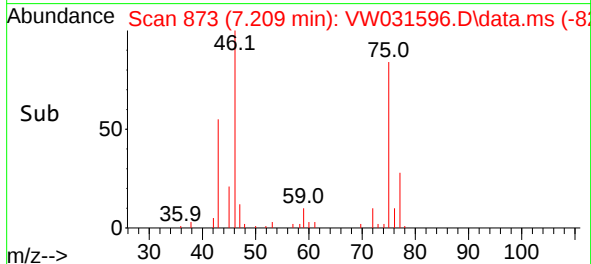
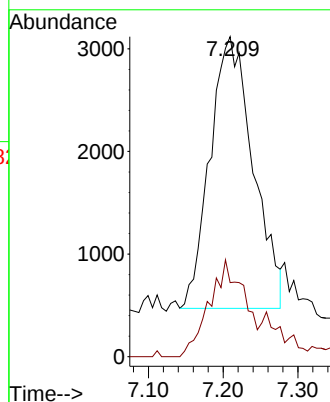
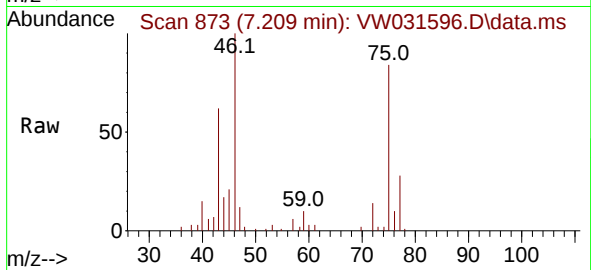




#22
2-Butanone
Concen: 3.185 ug/L
RT: 7.209 min Scan# 81
Delta R.T. 0.024 min
Lab File: VW031596.D
Acq: 27 Jan 2025 16:29

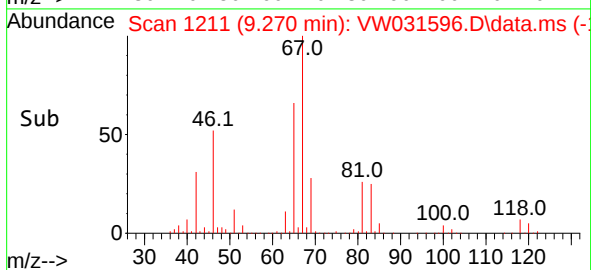
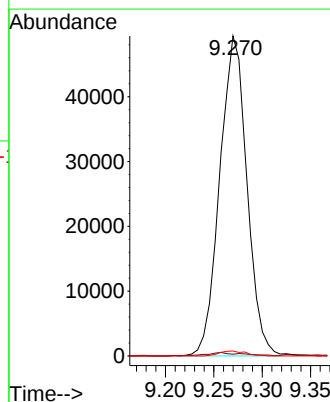
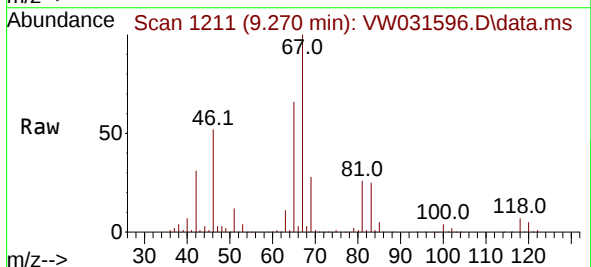
Instrument :
MSVOA_W
ClientSampleId :

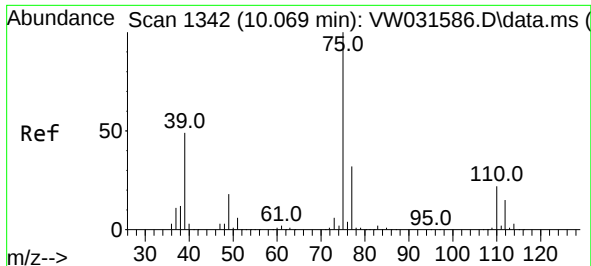
Tgt Ion: 43 Resp: 10624
Ion Ratio Lower Upper
43 100
72 17.5 13.2 39.5



#35
Methylcyclohexane
Concen: 3.566 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.061 min
Lab File: VW031596.D
Acq: 27 Jan 2025 16:29

Tgt Ion: 83 Resp: 96476
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.6 38.8 58.2#

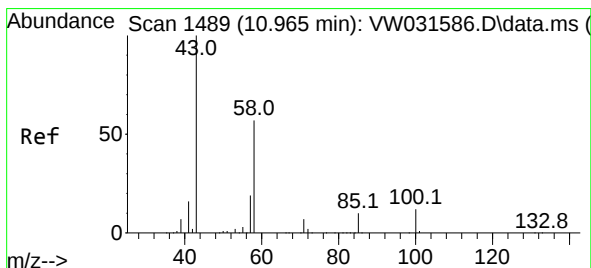
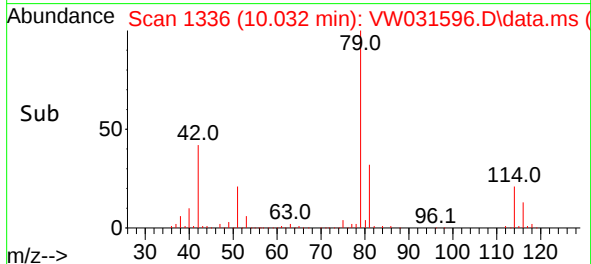
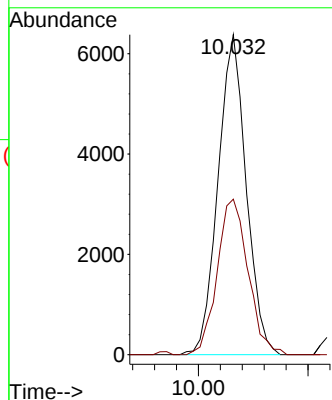
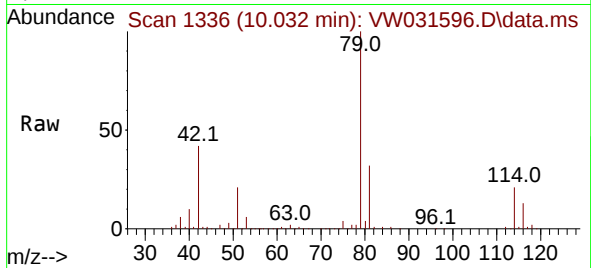




#39
 cis-1,3-Dichloropropene
 Concen: 0.513 ug/L
 RT: 10.032 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VW031596.D
 Acq: 27 Jan 2025 16:29

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 11383
 Ion Ratio Lower Upper
 75 100
 77 48.6 21.6 40.2#



#48
 2-Hexanone
 Concen: 4.431 ug/L
 RT: 10.922 min Scan# 1482
 Delta R.T. -0.043 min
 Lab File: VW031596.D
 Acq: 27 Jan 2025 16:29

Tgt Ion: 43 Resp: 19065
 Ion Ratio Lower Upper
 43 100
 58 26.7 44.8 67.2#
 57 23.4 15.6 23.4#
 100 0.5 9.3 13.9#

