

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031665.D
 Acq On : 30 Jan 2025 18:34
 Operator : SY/MD
 Sample : Q1189-03RE
 Misc : 15.96g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 07:37:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 31 07:33:50 2025
 Response via : Initial Calibration

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

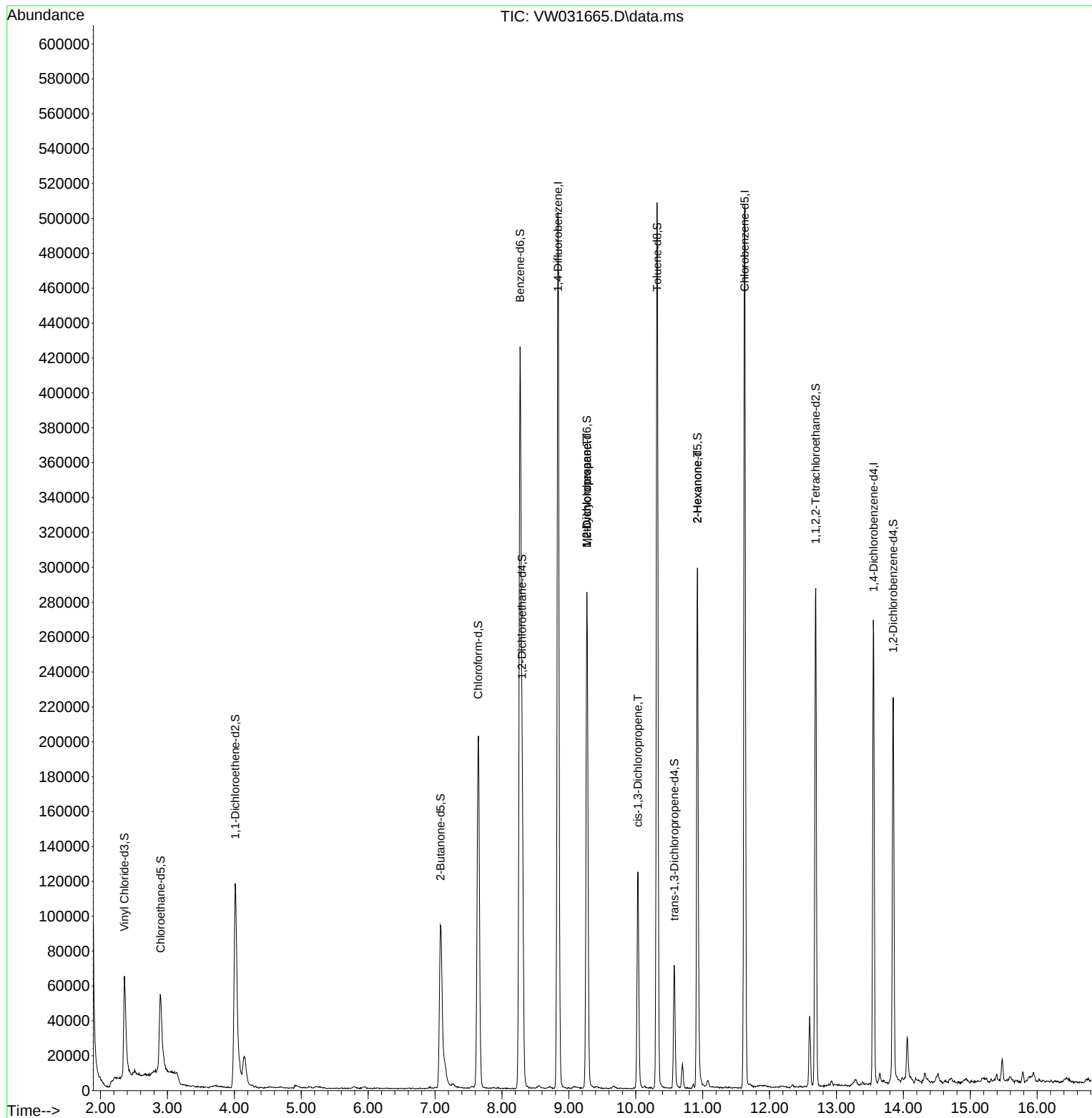
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	417044	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	282251	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	69078	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	95938	14.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.640%
7) Chloroethane-d5	2.899	69	75704	16.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.800%
11) 1,1-Dichloroethene-d2	4.015	65	45514	15.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.520%
21) 2-Butanone-d5	7.081	46	172828	164.287	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	328.580%#
24) Chloroform-d	7.642	84	211195	19.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.280%
26) 1,2-Dichloroethane-d4	8.301	65	124829	23.498	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	8.270	84	433396	24.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	9.270	67	137445	26.257	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.040%
41) Toluene-d8	10.319	98	336520	21.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.120%
43) trans-1,3-Dichloroprop...	10.575	79	40116	18.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.640%
47) 2-Hexanone-d5	10.922	63	103207	193.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	386.400%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	149940	46.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	187.360%#
66) 1,2-Dichlorobenzene-d4	13.849	152	55593	22.945	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	9.270	83	32440	3.484	ug/L #	18
37) 1,2-Dichloropropane	9.270	63	14879	3.065	ug/L #	86
39) cis-1,3-Dichloropropene	10.032	75	2932	0.384	ug/L #	55
48) 2-Hexanone	10.922	43	12279	8.291	ug/L #	71

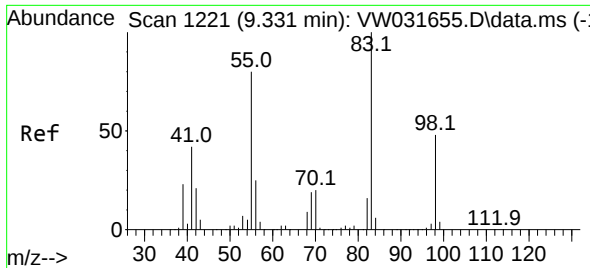
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 31 07:37:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jan 31 07:33:50 2025
Response via : Initial Calibration

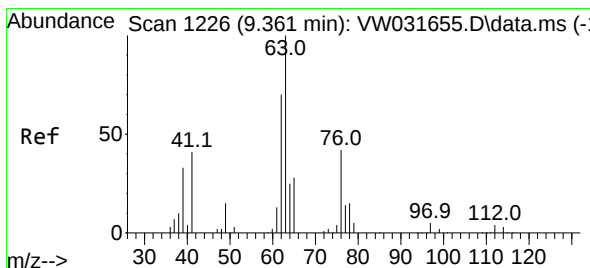
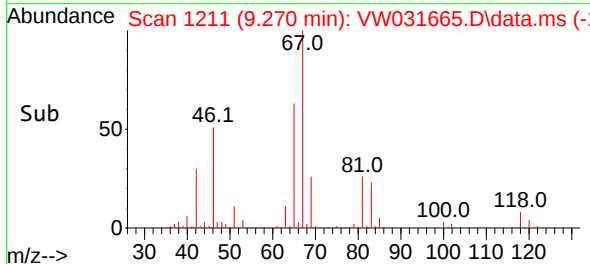
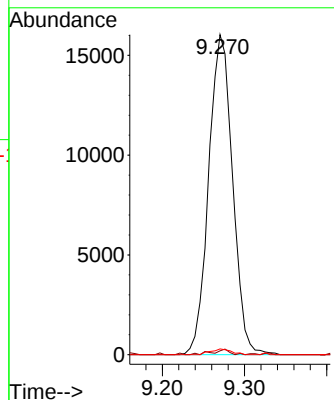
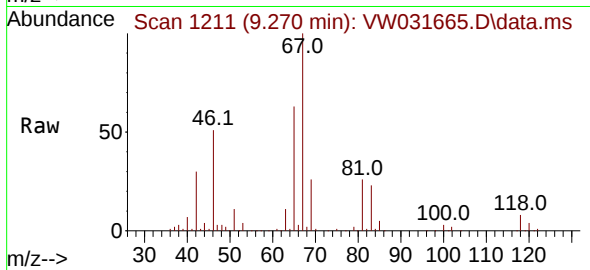




#35
Methylcyclohexane
Concen: 3.484 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.061 min
Lab File: VW031665.D
Acq: 30 Jan 2025 18:34

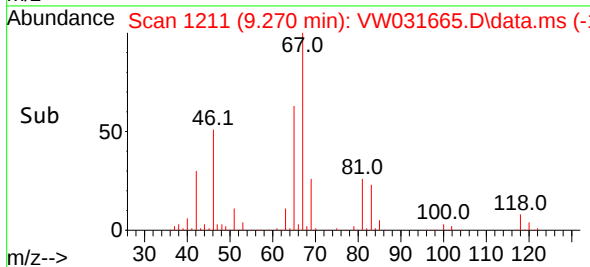
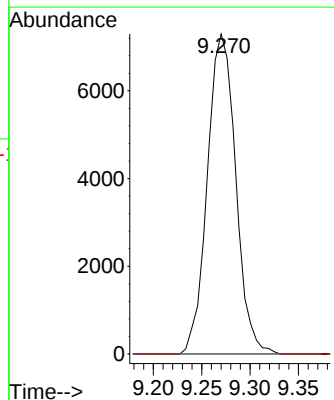
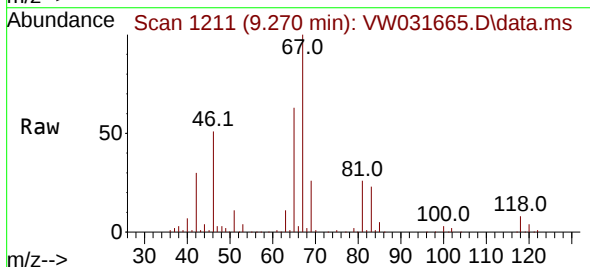
Instrument :
MSVOA_W
ClientSampleId :

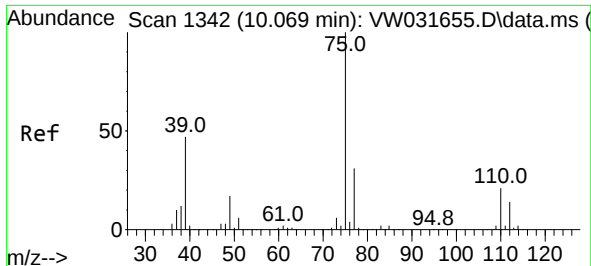
Tgt Ion: 83 Resp: 32440
Ion Ratio Lower Upper
83 100
55 0.7 63.4 95.2#
98 1.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 3.065 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.091 min
Lab File: VW031665.D
Acq: 30 Jan 2025 18:34

Tgt Ion: 63 Resp: 14879
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

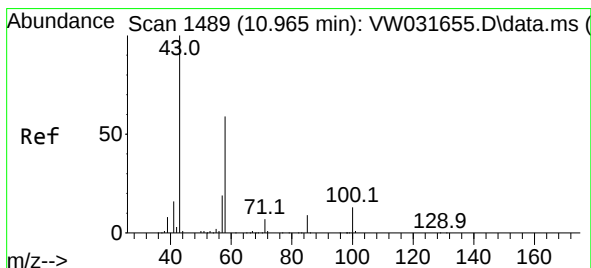
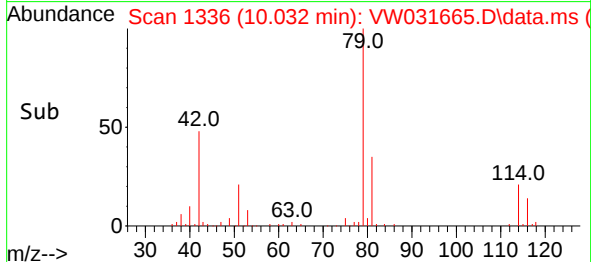
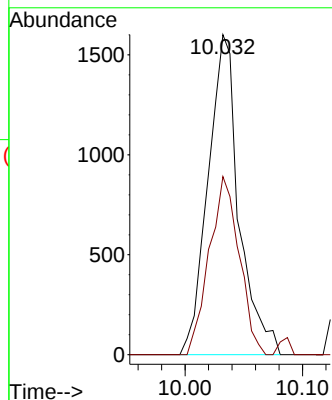
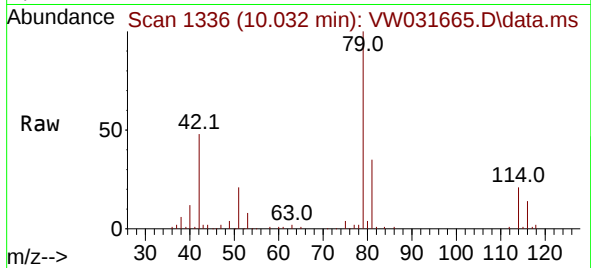




#39
cis-1,3-Dichloropropene
Concen: 0.384 ug/L
RT: 10.032 min Scan# 11
Delta R.T. -0.036 min
Lab File: VW031665.D
Acq: 30 Jan 2025 18:34

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2932
Ion Ratio Lower Upper
75 100
77 55.7 21.6 40.2#



#48
2-Hexanone
Concen: 8.291 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.042 min
Lab File: VW031665.D
Acq: 30 Jan 2025 18:34

Tgt Ion: 43 Resp: 12279
Ion Ratio Lower Upper
43 100
58 29.8 44.8 67.2#
57 24.0 15.6 23.4#
100 0.0 9.3 13.9#

