

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031667.D
 Acq On : 30 Jan 2025 19:23
 Operator : SY/MD
 Sample : Q1189-20RE
 Misc : 10.36g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 07:38:13 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)

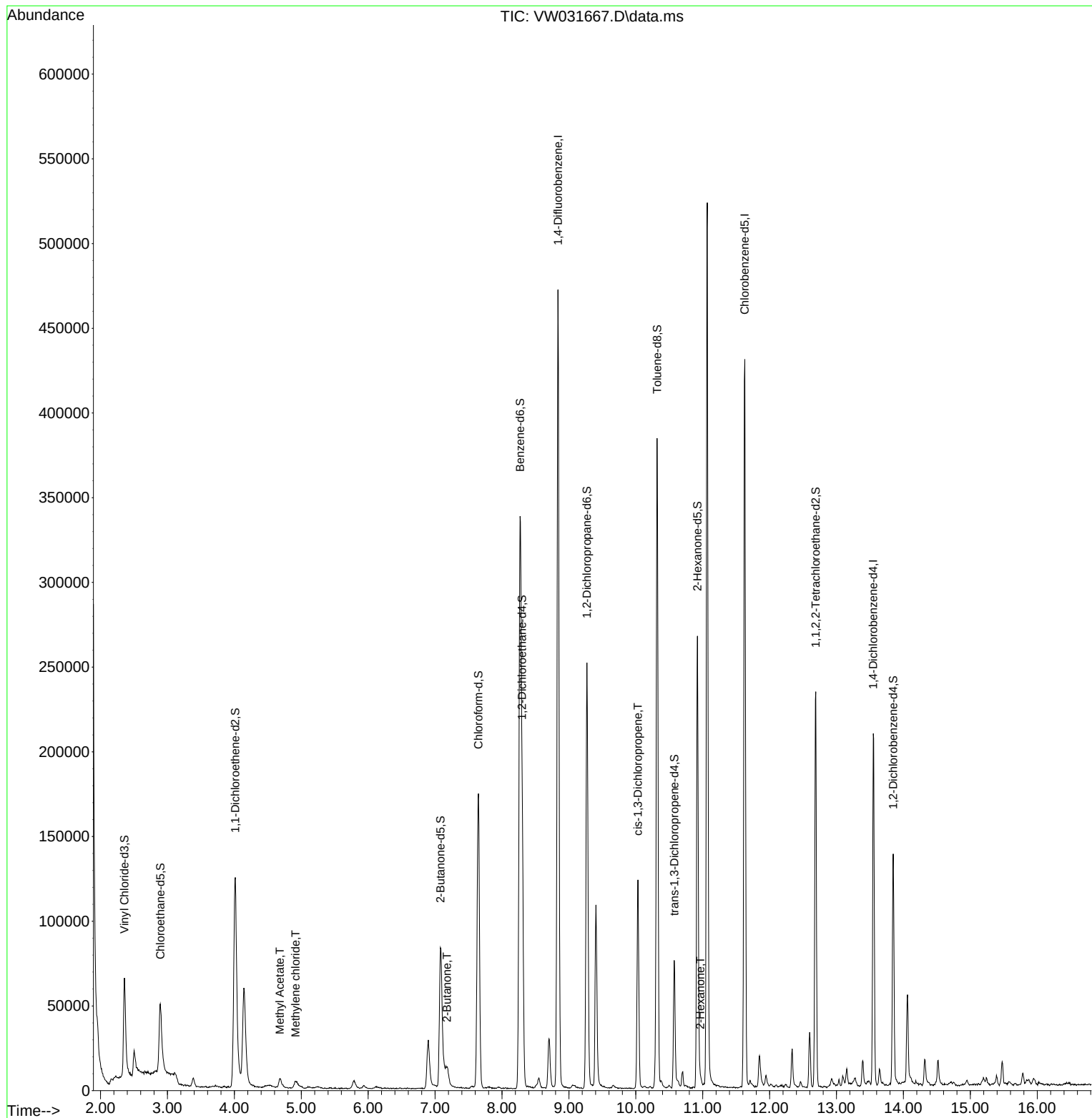
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	390443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	236186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	52127	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	88365	14.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.680%
7) Chloroethane-d5	2.893	69	68508	15.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.640%
11) 1,1-Dichloroethene-d2	4.015	65	39630	14.538	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.160%
21) 2-Butanone-d5	7.081	46	151879	154.210	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	308.420%#
24) Chloroform-d	7.648	84	183740	18.184	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.720%
26) 1,2-Dichloroethane-d4	8.301	65	117340	23.593	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.360%
32) Benzene-d6	8.270	84	357089	24.069	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.280%
36) 1,2-Dichloropropane-d6	9.270	67	117792	26.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.560%
41) Toluene-d8	10.319	98	251606	18.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.160%
43) trans-1,3-Dichloroprop...	10.575	79	42525	23.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.560%
47) 2-Hexanone-d5	10.922	63	91540	204.780	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	409.560%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118956	44.407	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	177.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	34089	18.645	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.600%#
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.679	43	10750	5.413	ug/L	99
16) Methylene chloride	4.917	84	2973	0.559	ug/L	90
22) 2-Butanone	7.179	43	17118	13.223	ug/L	91
39) cis-1,3-Dichloropropene	10.032	75	3059	0.479	ug/L #	70
48) 2-Hexanone	10.965	43	2132	1.720	ug/L #	57

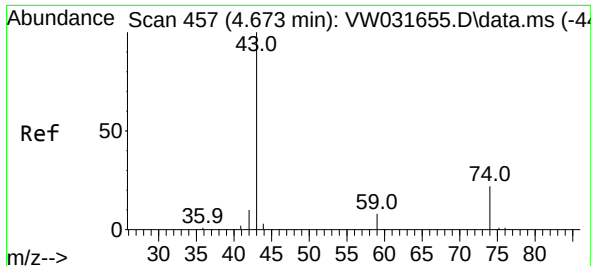
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jan 31 07:33:50 2025
Response via : Initial Calibration

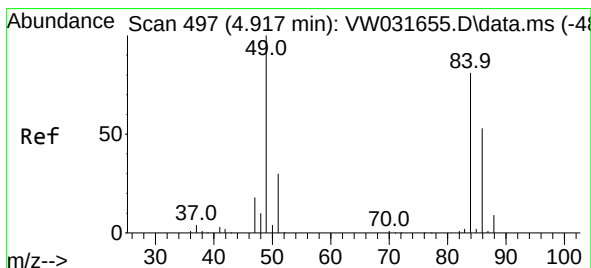
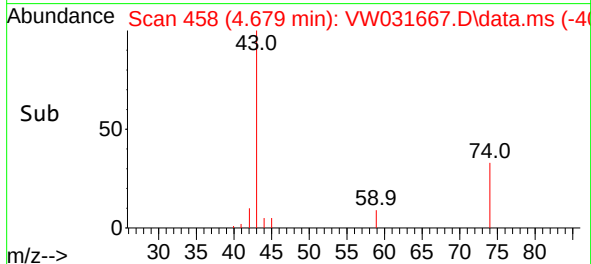
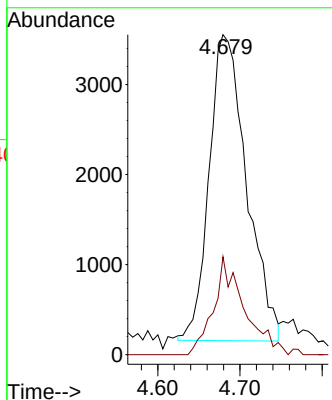
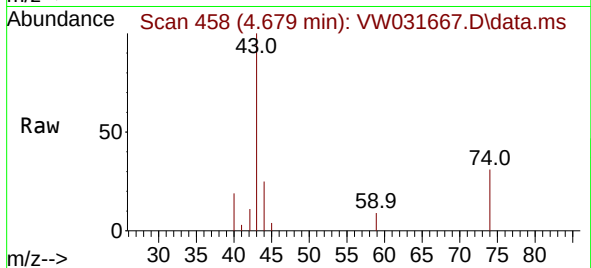




#15
Methyl Acetate
Concen: 5.413 ug/L
RT: 4.679 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW031667.D
Acq: 30 Jan 2025 19:23

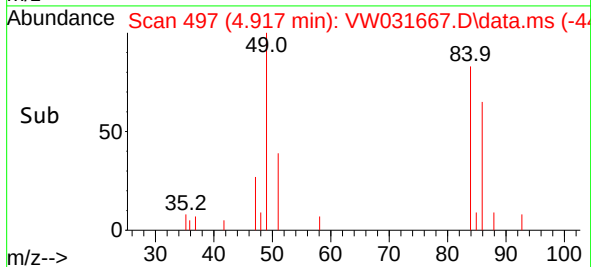
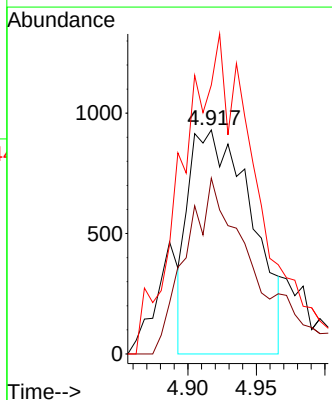
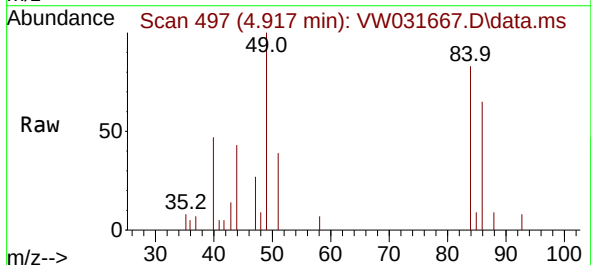
Instrument :
MSVOA_W
ClientSampleId :

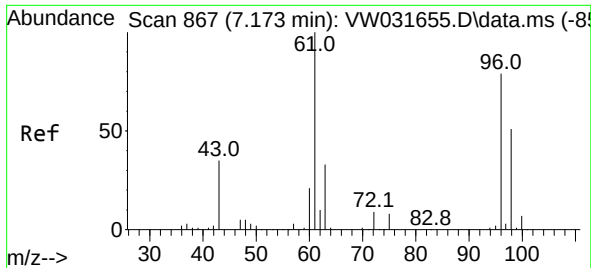
Tgt Ion: 43 Resp: 10750
Ion Ratio Lower Upper
43 100
74 12.9 10.6 15.8



#16
Methylene chloride
Concen: 0.559 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031667.D
Acq: 30 Jan 2025 19:23

Tgt Ion: 84 Resp: 2973
Ion Ratio Lower Upper
84 100
86 78.5 47.0 87.2
49 120.1 89.8 166.8

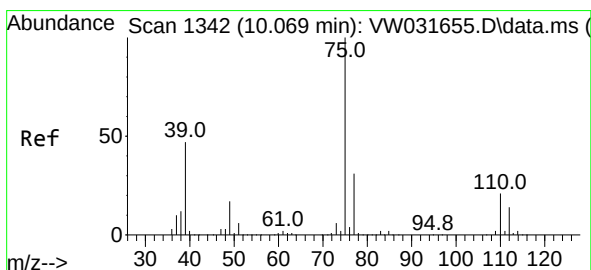
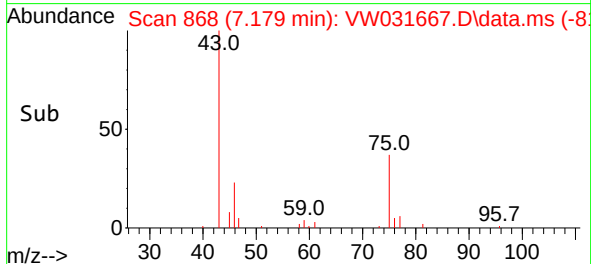
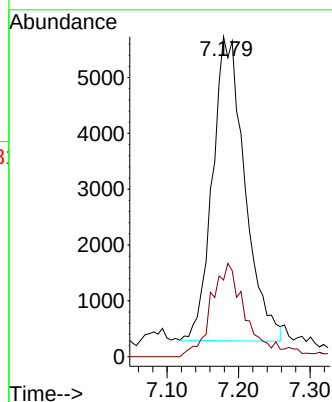
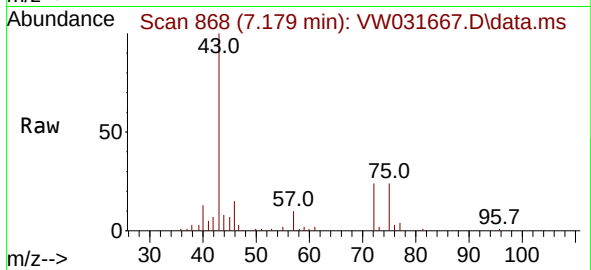




#22
2-Butanone
Concen: 13.223 ug/L
RT: 7.179 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW031667.D
Acq: 30 Jan 2025 19:23

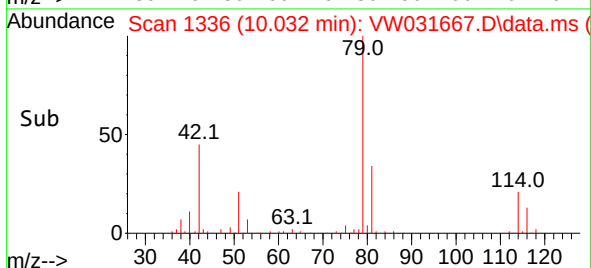
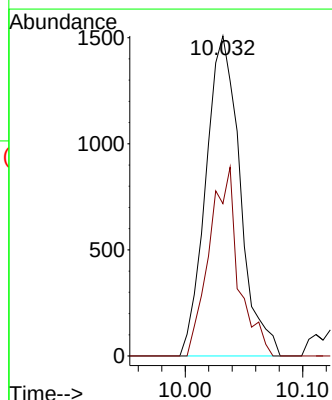
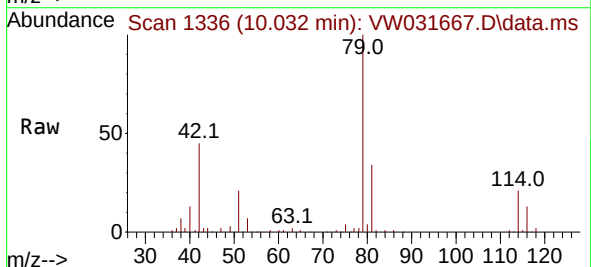
Instrument :
MSVOA_W
ClientSampleId :

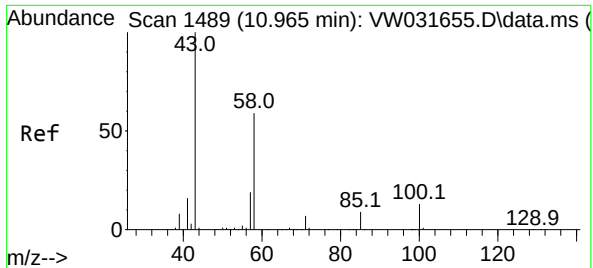
Tgt Ion: 43 Resp: 17118
Ion Ratio Lower Upper
43 100
72 31.0 13.2 39.5



#39
cis-1,3-Dichloropropene
Concen: 0.479 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.037 min
Lab File: VW031667.D
Acq: 30 Jan 2025 19:23

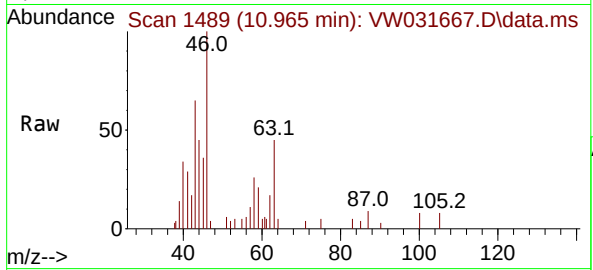
Tgt Ion: 75 Resp: 3059
Ion Ratio Lower Upper
75 100
77 47.6 21.6 40.2#





#48
 2-Hexanone
 Concen: 1.720 ug/L
 RT: 10.965 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VW031667.D
 Acq: 30 Jan 2025 19:23

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	2132
Ion	Ratio	Lower Upper
43	100	
58	20.9	44.8 67.2#
57	2.3	15.6 23.4#
100	0.0	9.3 13.9#

