

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031622.D
 Acq On : 28 Jan 2025 16:41
 Operator : SY/MD
 Sample : Q1190-15RE
 Misc : 9.45g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:34:25 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)

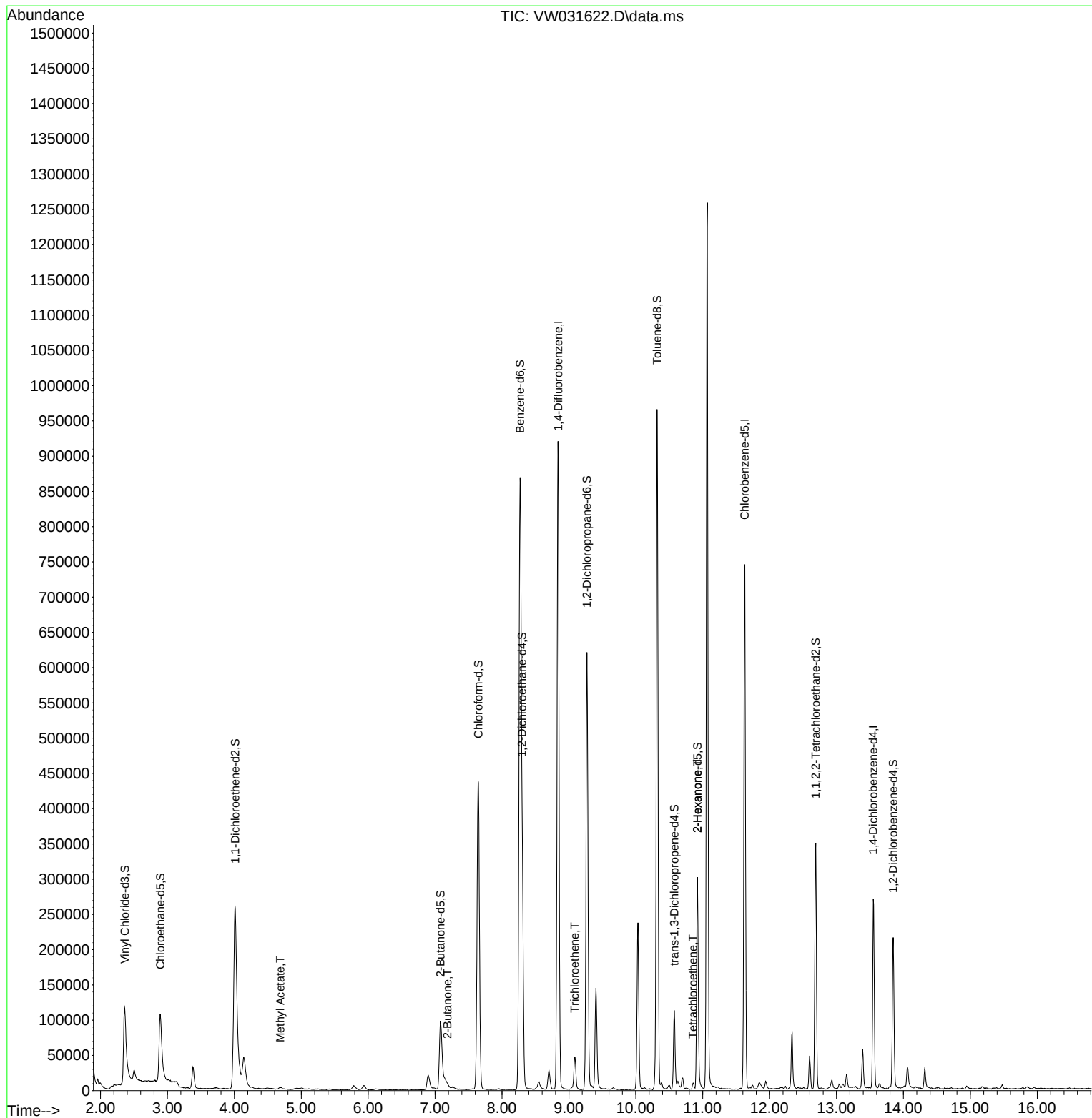
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	774608	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	404434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	68000	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	219447	18.054	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	72.200%	
7) Chloroethane-d5	2.893	69	166771	19.212	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	76.840%	
11) 1,1-Dichloroethene-d2	4.015	65	96604	17.863	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	71.440%	
21) 2-Butanone-d5	7.081	46	173441	88.765	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	177.540%#	
24) Chloroform-d	7.648	84	459958	22.944	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	91.760%	
26) 1,2-Dichloroethane-d4	8.301	65	241217	24.447	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	8.270	84	922970	36.331	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	145.320%#	
36) 1,2-Dichloropropane-d6	9.270	67	297897	39.716	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	158.880%#	
41) Toluene-d8	10.318	98	644055	28.084	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	112.320%	
43) trans-1,3-Dichloroprop...	10.575	79	62593	20.321	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	81.280%	
47) 2-Hexanone-d5	10.922	63	102986	134.543	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	269.080%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	181841	39.643	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	158.560%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	53816	22.564	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	90.240%	
Target Compounds						Qvalue
15) Methyl Acetate	4.685	43	5714	1.450	ug/L	94
22) 2-Butanone	7.185	43	8471	3.298	ug/L	92
34) Trichloroethene	9.087	95	16887	2.269	ug/L	93
46) Tetrachloroethene	10.855	164	2036	0.381	ug/L	90
48) 2-Hexanone	10.922	43	12096	5.700	ug/L #	62

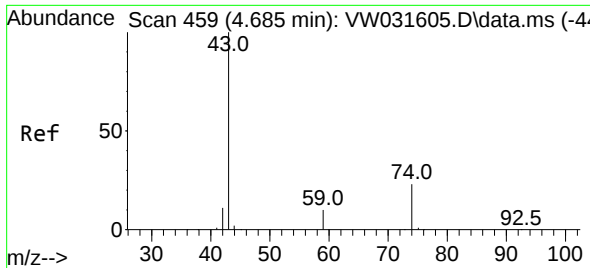
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
Data File : VW031622.D
Acq On : 28 Jan 2025 16:41
Operator : SY/MD
Sample : Q1190-15RE
Misc : 9.45g/10mL/MSVOA_W/SOIL/B
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jan 29 07:34:25 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

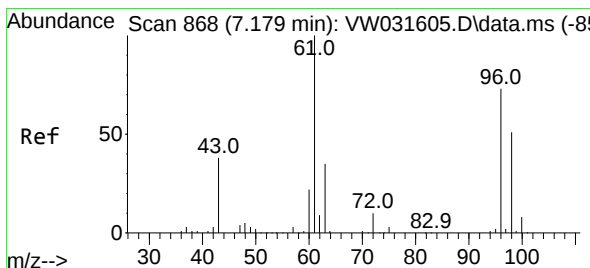
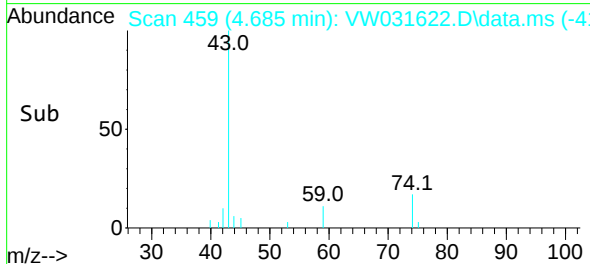
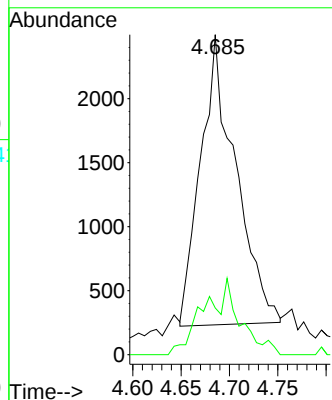
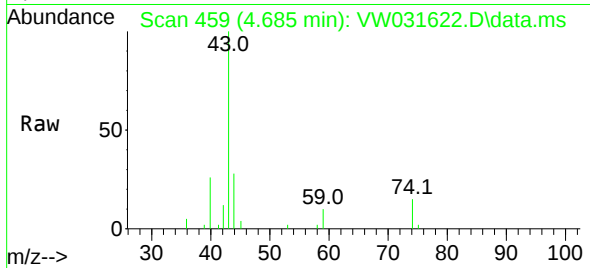




#15
Methyl Acetate
Concen: 1.450 ug/L
RT: 4.685 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW031622.D
Acq: 28 Jan 2025 16:41

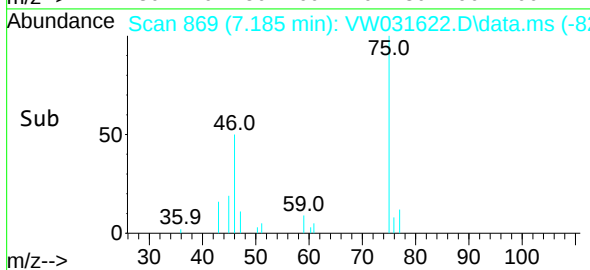
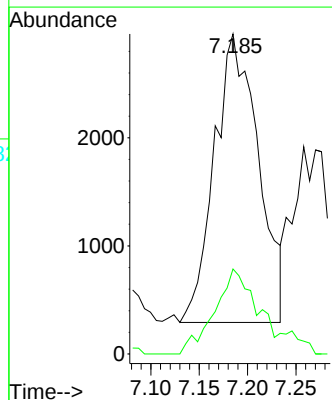
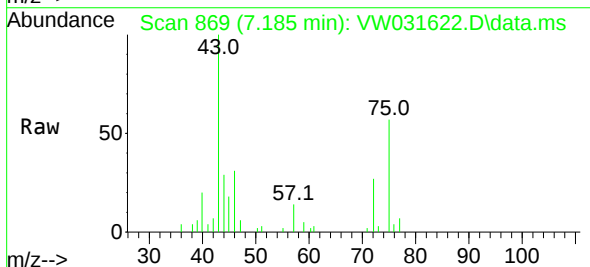
Instrument :
MSVOA_W
ClientSampleId :

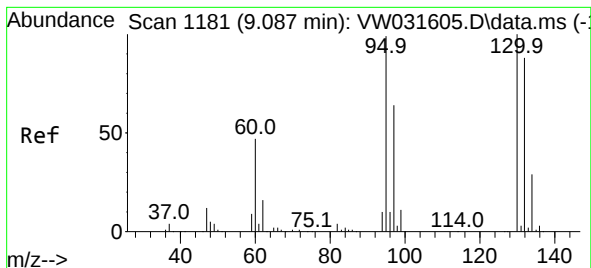
Tgt Ion: 43 Resp: 5714
Ion Ratio Lower Upper
43 100
74 11.0 10.6 15.8



#22
2-Butanone
Concen: 3.298 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW031622.D
Acq: 28 Jan 2025 16:41

Tgt Ion: 43 Resp: 8471
Ion Ratio Lower Upper
43 100
72 22.2 13.2 39.5





#34

Trichloroethene

Concen: 2.269 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW031622.D

Acq: 28 Jan 2025 16:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 16887

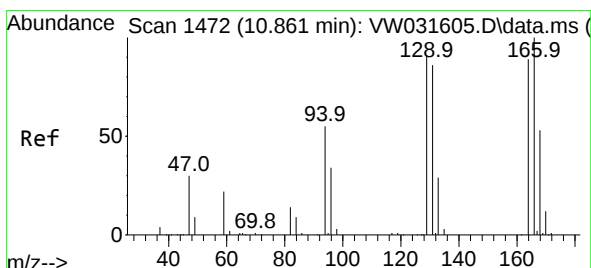
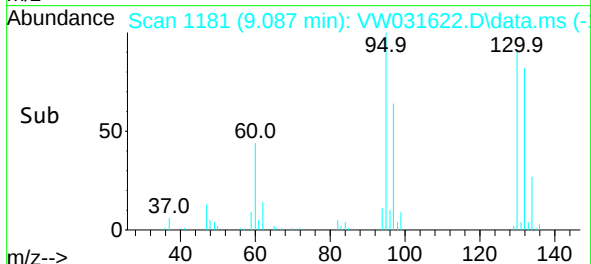
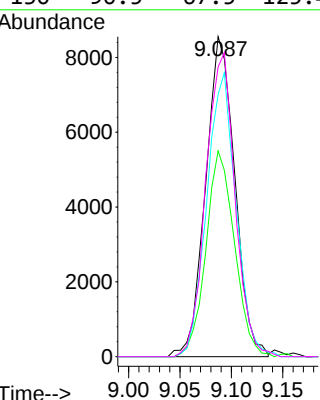
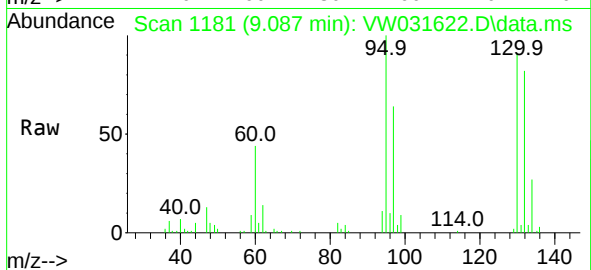
Ion Ratio Lower Upper

95 100

97 64.3 44.0 81.6

132 81.9 64.6 120.0

130 90.5 67.5 125.4



#46

Tetrachloroethene

Concen: 0.381 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW031622.D

Acq: 28 Jan 2025 16:41

Tgt Ion: 164 Resp: 2036

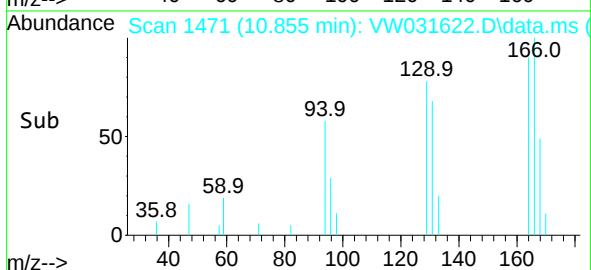
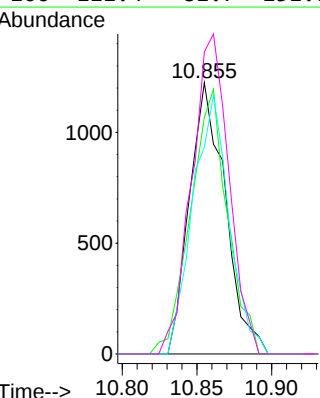
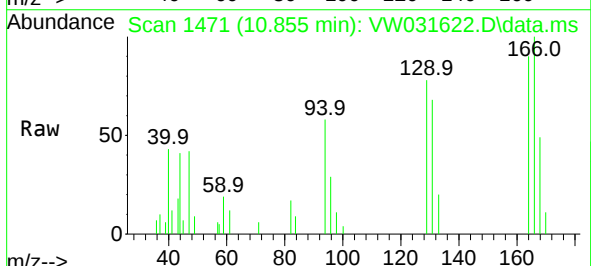
Ion Ratio Lower Upper

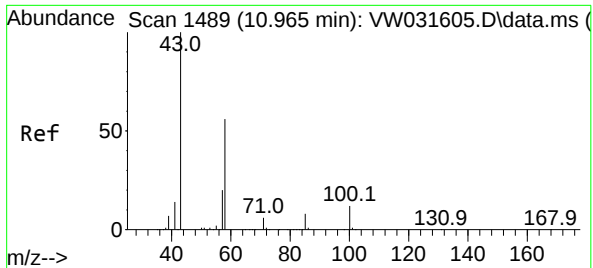
164 100

129 87.3 69.8 129.6

131 76.2 63.1 117.1

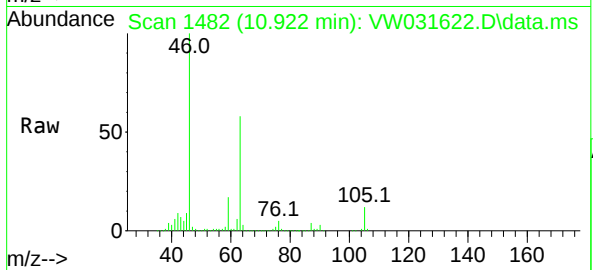
166 111.4 81.7 151.7





#48
 2-Hexanone
 Concen: 5.700 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW031622.D
 Acq: 28 Jan 2025 16:41

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43 Resp: 12096

Ion	Ratio	Lower	Upper
43	100		
58	27.8	44.8	67.2#
57	0.0	15.6	23.4#
100	0.3	9.3	13.9#

