

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031668.D
 Acq On : 30 Jan 2025 19:47
 Operator : SY/MD
 Sample : Q1189-14RE
 Misc : 16.06g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44R5RE

Quant Time: Feb 06 16:07:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 31 19:40:28 2025
 Response via : Initial Calibration

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

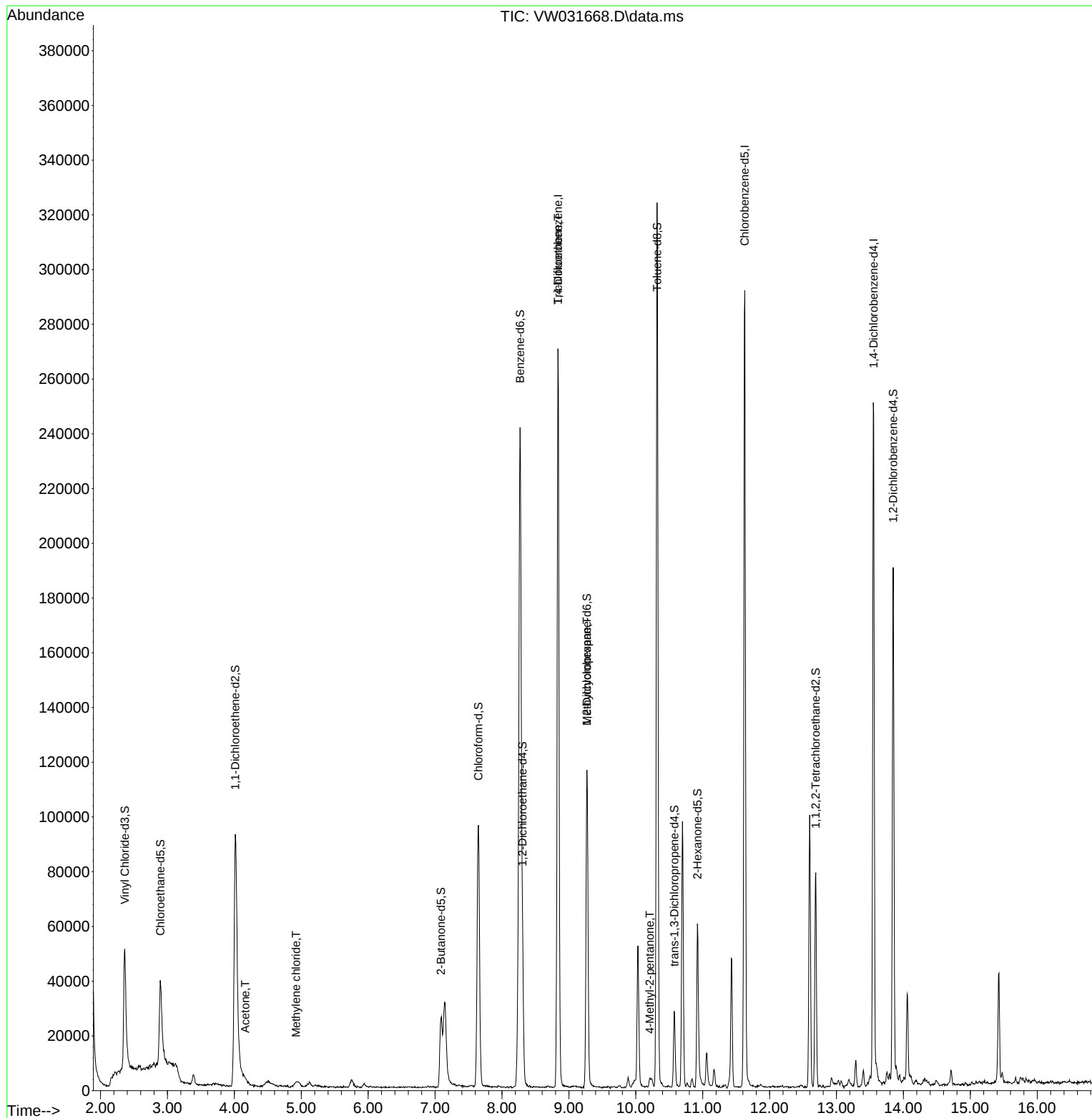
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	223643	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	157961	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	64690	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	73708	21.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.893	69	50544	20.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
11) 1,1-Dichloroethene-d2	4.015	65	36996	23.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.760%
21) 2-Butanone-d5	7.087	46	47937	84.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	169.940%#
24) Chloroform-d	7.648	84	102002	17.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.480%
26) 1,2-Dichloroethane-d4	8.307	65	40900	14.357	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	57.440%#
32) Benzene-d6	8.270	84	234845	23.669	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.680%
36) 1,2-Dichloropropane-d6	9.270	67	56983	19.451	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.800%
41) Toluene-d8	10.318	98	210933	23.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	10.575	79	16514	13.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.920%
47) 2-Hexanone-d5	10.922	63	22590	75.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.120%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	40762	22.752	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	48240	21.261	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.040%
Target Compounds						
					Qvalue	
13) Acetone	4.161	43	1662	3.828	ug/L #	27
16) Methylene chloride	4.923	84	867	0.285	ug/L #	67
34) Trichloroethene	8.837	95	7152	2.461	ug/L #	7
35) Methylcyclohexane	9.270	83	13620	2.614	ug/L #	18
40) 4-Methyl-2-pentanone	10.209	43	2567	1.893	ug/L #	88

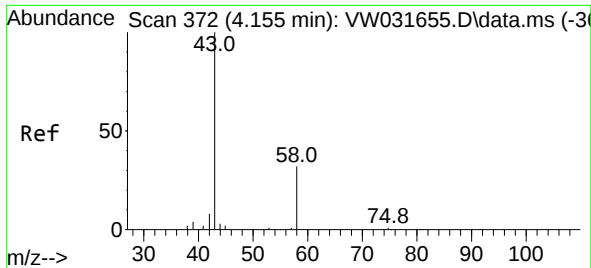
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jan 31 19:40:28 2025
Response via : Initial Calibration





#13

Acetone

Concen: 3.828 ug/L

RT: 4.161 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW031668.D

Acq: 30 Jan 2025 19:47

Instrument :

MSVOA_W

ClientSampleId :

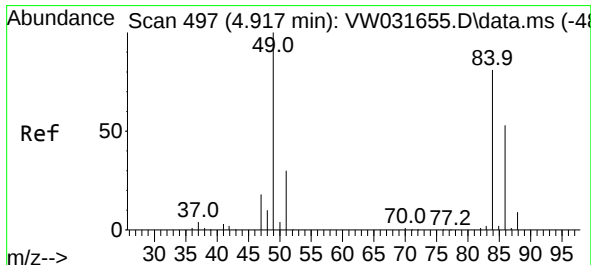
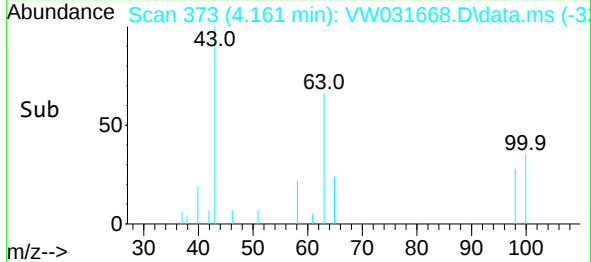
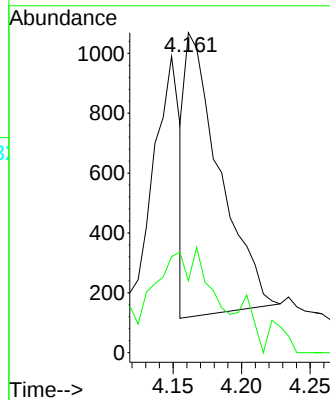
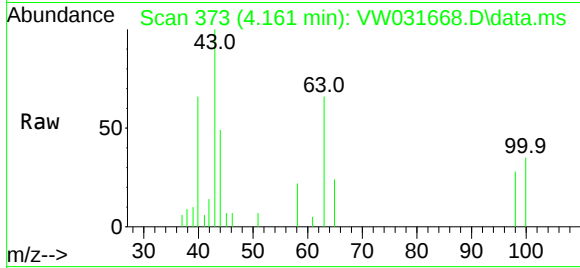
A44R5RE

Tgt Ion: 43 Resp: 1662

Ion Ratio Lower Upper

43 100

58 43.9 0.0 28.2#



#16

Methylene chloride

Concen: 0.285 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

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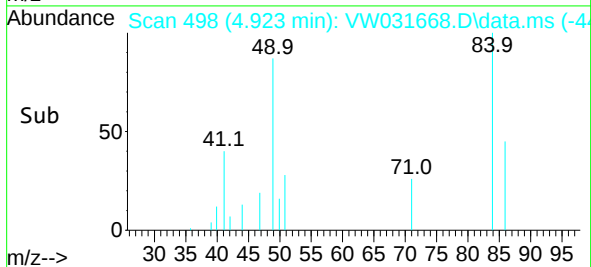
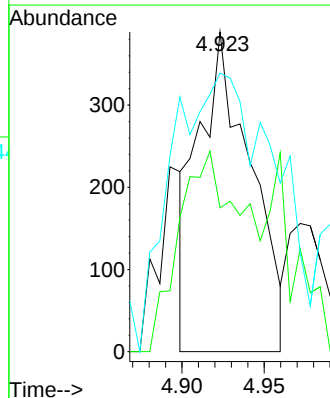
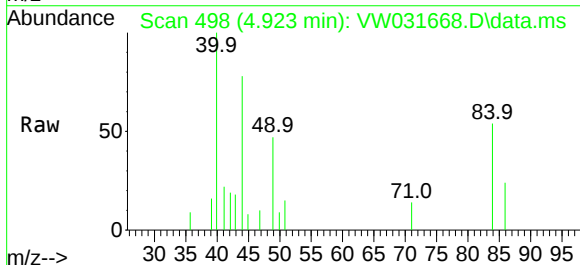
Tgt Ion: 84 Resp: 867

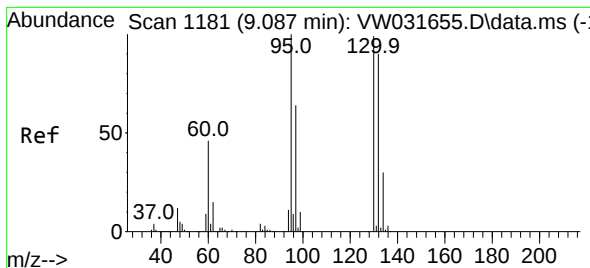
Ion Ratio Lower Upper

84 100

86 45.0 47.0 87.2#

49 87.1 89.8 166.8#





#34

Trichloroethene

Concen: 2.461 ug/L

RT: 8.837 min Scan# 1181

Delta R.T. -0.250 min

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Instrument :

MSVOA_W

ClientSampleId :

A44R5RE

Tgt Ion: 95 Resp: 7152

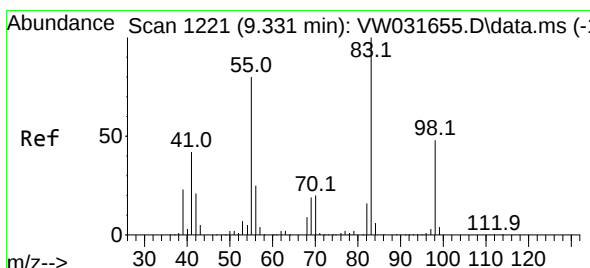
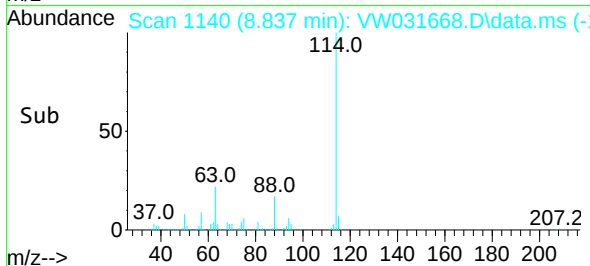
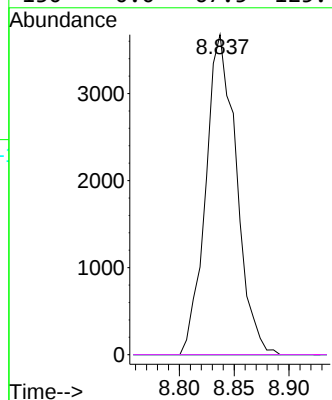
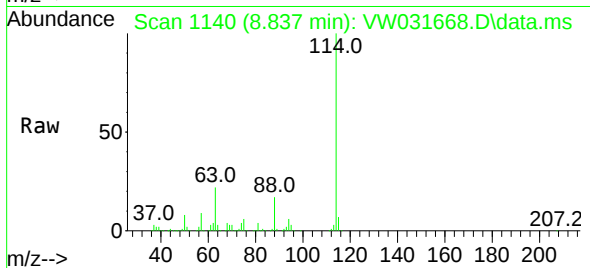
Ion Ratio Lower Upper

95 100

97 0.0 44.0 81.6#

132 0.0 64.6 120.0#

130 0.0 67.5 125.4#



#35

Methylcyclohexane

Concen: 2.614 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.061 min

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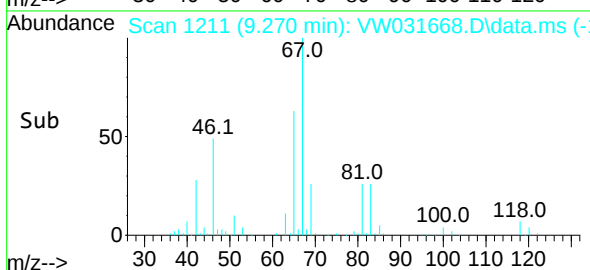
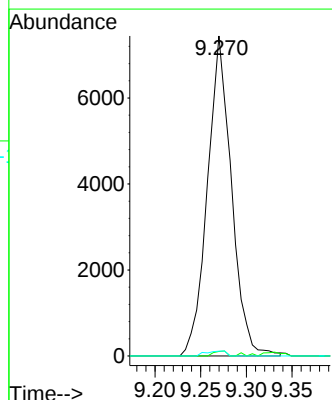
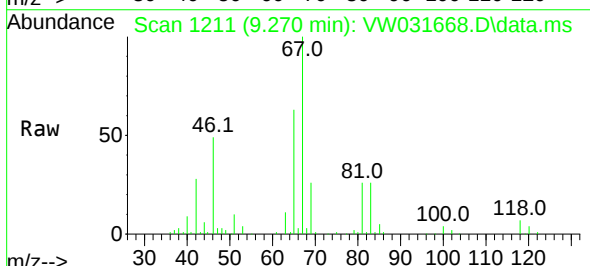
Tgt Ion: 83 Resp: 13620

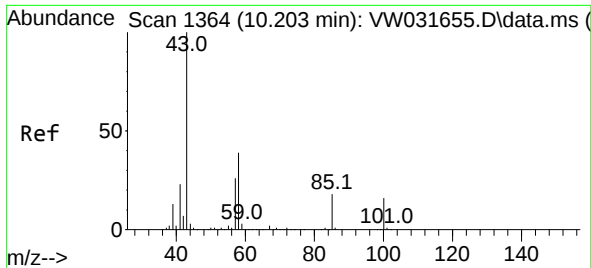
Ion Ratio Lower Upper

83 100

55 0.8 63.4 95.2#

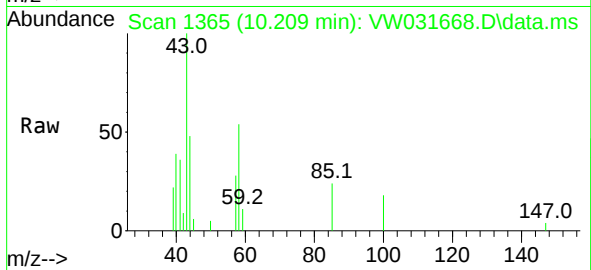
98 1.3 38.8 58.2#





#40
4-Methyl-2-pentanone
Concen: 1.893 ug/L
RT: 10.209 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031668.D
Acq: 30 Jan 2025 19:47

Instrument :
MSVOA_W
ClientSampleId :
A44R5RE



Tgt Ion:	43	Resp:	2567
Ion	Ratio	Lower	Upper
43	100		
58	44.9	31.4	47.2
100	7.4	12.3	18.5#

