

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013025\
 Data File : VW031660.D
 Acq On : 30 Jan 2025 16:34
 Operator : SY/MD
 Sample : Q1189-20
 Misc : 8.58g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 07:35:56 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)

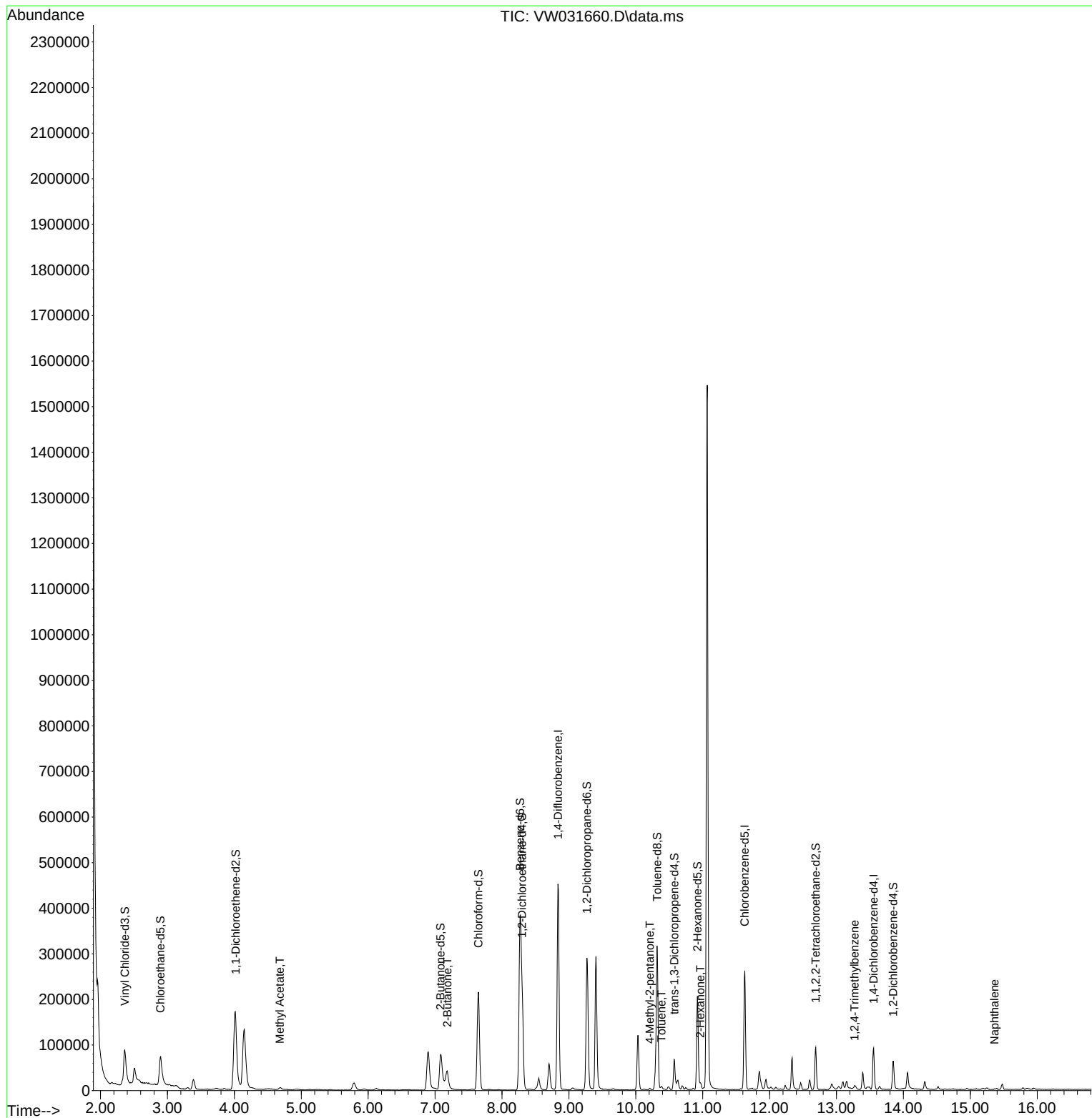
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	383896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	143753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	23758	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	125983	20.914	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	83.640%	
7) Chloroethane-d5	2.893	69	105830	24.600	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	4.021	65	47983	17.902	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	71.600%	
21) 2-Butanone-d5	7.081	46	139173	143.719	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	287.440%#	
24) Chloroform-d	7.648	84	222002	22.345	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	89.360%	
26) 1,2-Dichloroethane-d4	8.301	65	144431	29.536	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	118.160%	
32) Benzene-d6	8.270	84	407162	45.091	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	180.360%#	
36) 1,2-Dichloropropane-d6	9.270	67	132750	49.792	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	199.160%#	
41) Toluene-d8	10.319	98	204312	25.065	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	100.240%	
43) trans-1,3-Dichloroprop...	10.575	79	37285	34.056	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	136.240%#	
47) 2-Hexanone-d5	10.922	63	71419	262.499	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	525.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	47430	29.091	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	116.360%	
66) 1,2-Dichlorobenzene-d4	13.848	152	14458	17.351	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	69.400%#	
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.679	43	4601	2.356	ug/L #	49
22) 2-Butanone	7.185	43	66480	52.229	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	2281	1.848	ug/L #	88
42) Toluene	10.386	91	4013	0.390	ug/L	96
48) 2-Hexanone	10.965	43	7262	9.628	ug/L #	90
63) 1,2,4-Trimethylbenzene	13.269	105	3359	1.010	ug/L #	37
71) Naphthalene	15.360	128	1306	0.784	ug/L #	79

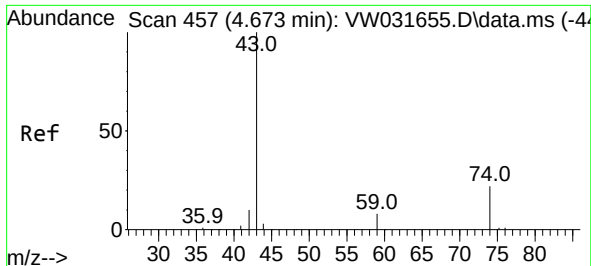
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Time: Jan 31 07:35:56 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

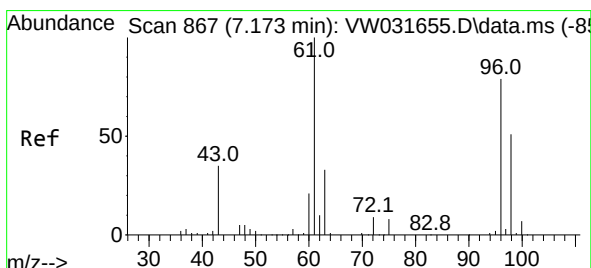
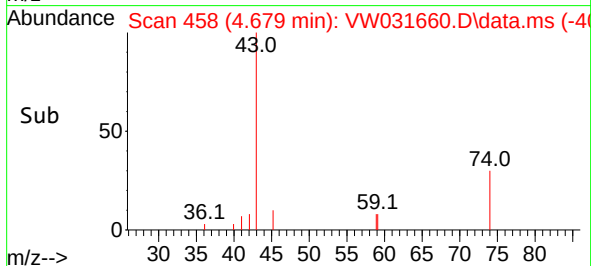
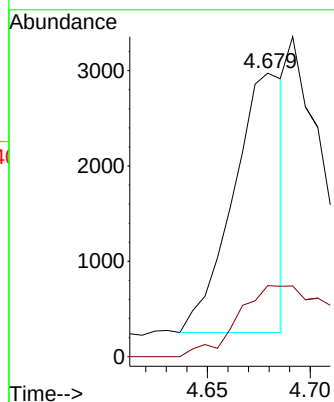
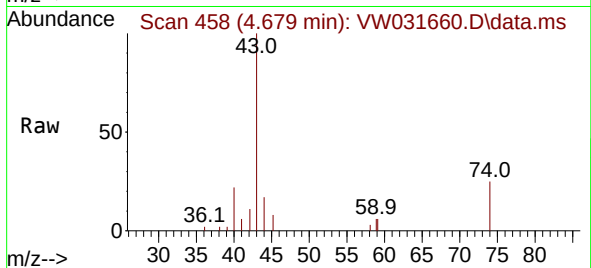




#15
Methyl Acetate
Concen: 2.356 ug/L
RT: 4.679 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW031660.D
Acq: 30 Jan 2025 16:34

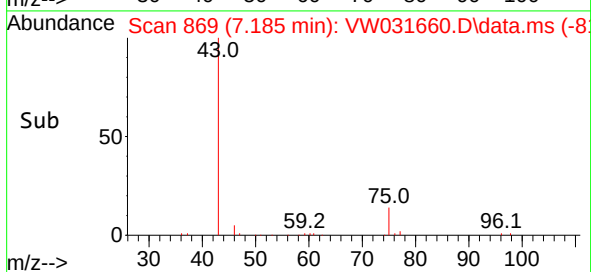
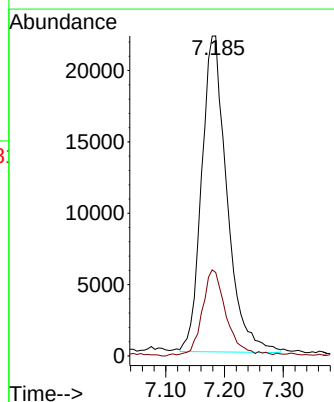
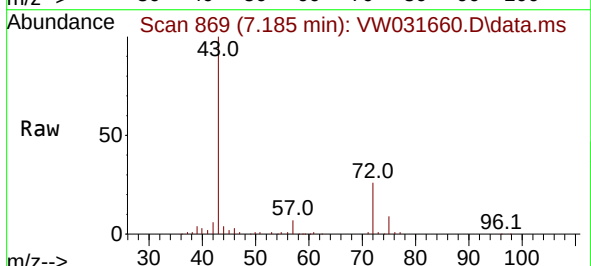
Instrument :
MSVOA_W
ClientSampleId :

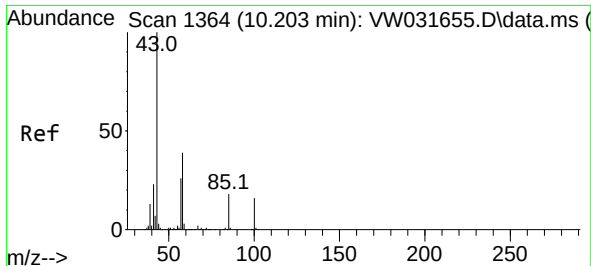
Tgt Ion: 43 Resp: 4601
Ion Ratio Lower Upper
43 100
74 33.7 10.6 15.8#



#22
2-Butanone
Concen: 52.229 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW031660.D
Acq: 30 Jan 2025 16:34

Tgt Ion: 43 Resp: 66480
Ion Ratio Lower Upper
43 100
72 24.9 13.2 39.5

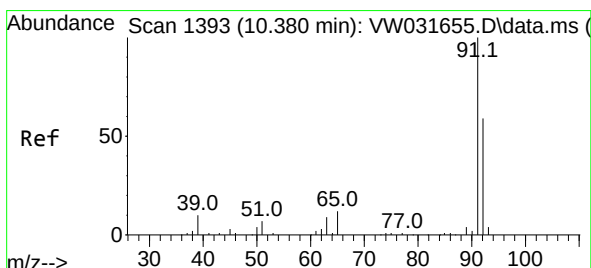
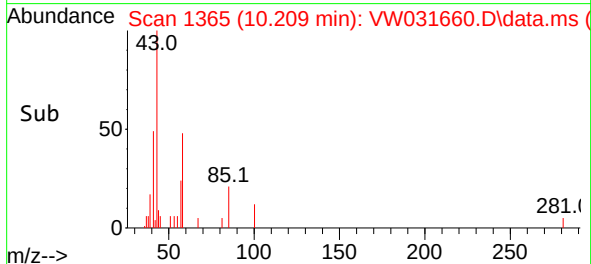
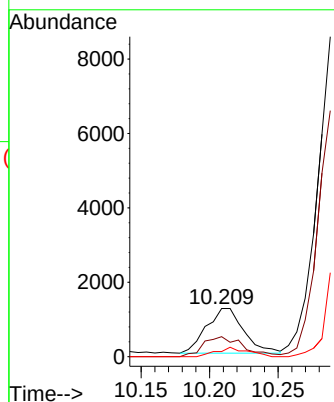
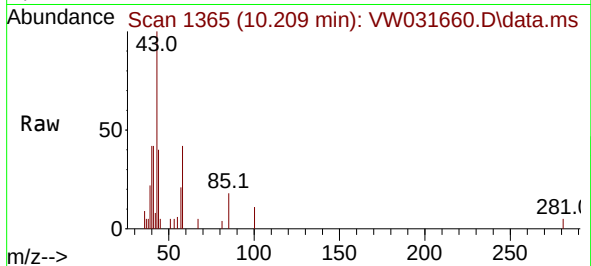




#40
4-Methyl-2-pentanone
Concen: 1.848 ug/L
RT: 10.209 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031660.D
Acq: 30 Jan 2025 16:34

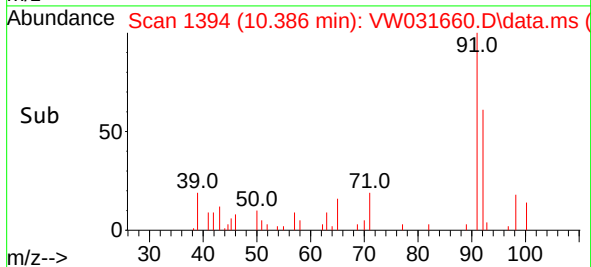
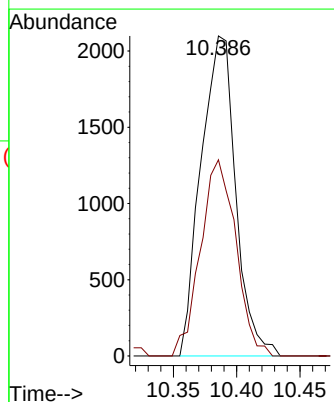
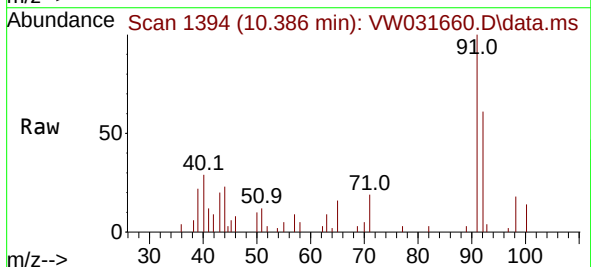
Instrument :
MSVOA_W
ClientSampleId :

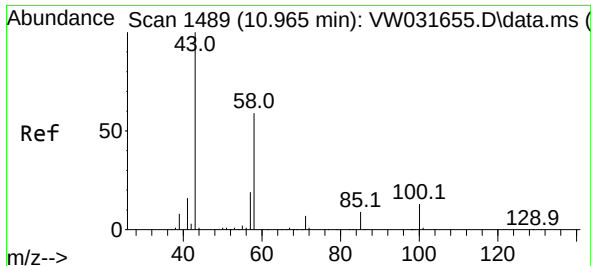
Tgt Ion: 43 Resp: 2281
Ion Ratio Lower Upper
43 100
58 48.3 31.4 47.2#
100 17.4 12.3 18.5



#42
Toluene
Concen: 0.390 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VW031660.D
Acq: 30 Jan 2025 16:34

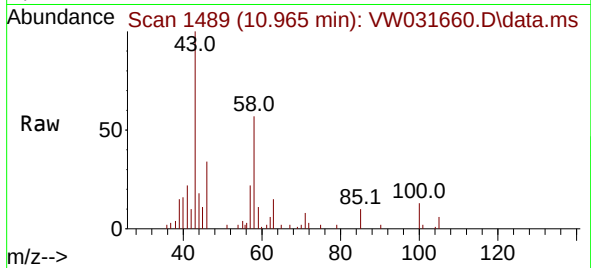
Tgt Ion: 91 Resp: 4013
Ion Ratio Lower Upper
91 100
92 61.3 40.6 75.4



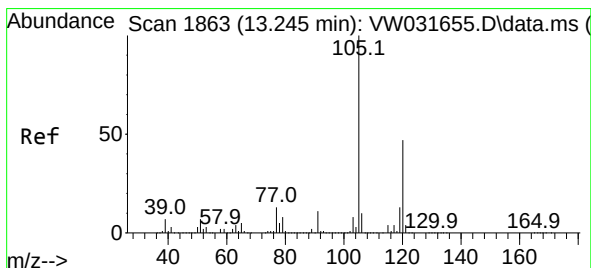
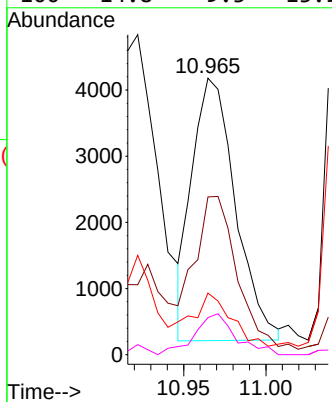
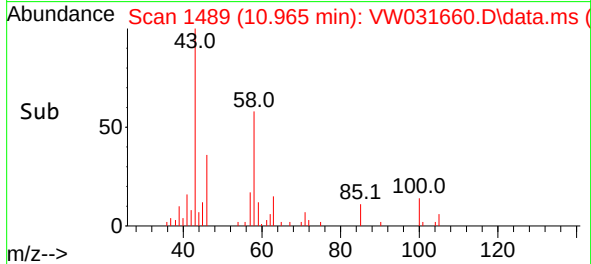


#48
2-Hexanone
Concen: 9.628 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031660.D
Acq: 30 Jan 2025 16:34

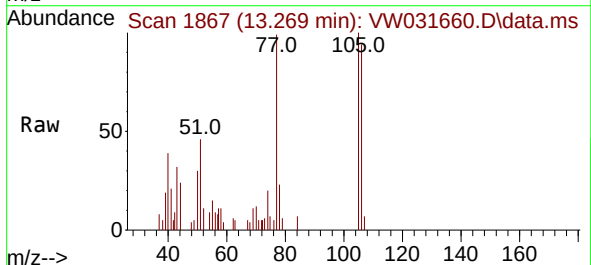
Instrument :
MSVOA_W
ClientSampleId :



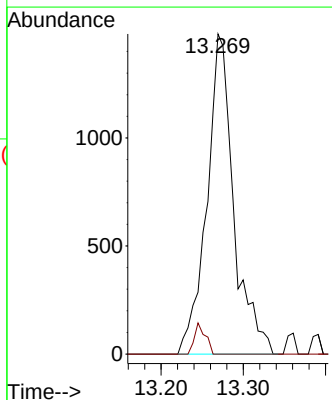
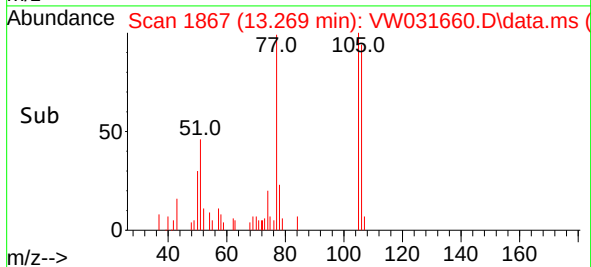
Tgt Ion: 43 Resp: 7262
Ion Ratio Lower Upper
43 100
58 61.8 44.8 67.2
57 12.5 15.6 23.4#
100 14.8 9.3 13.9#

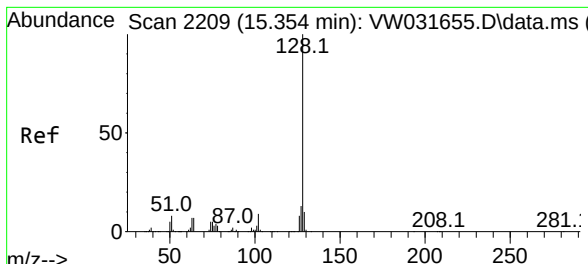


#63
1,2,4-Trimethylbenzene
Concen: 1.010 ug/L
RT: 13.269 min Scan# 1867
Delta R.T. 0.024 min
Lab File: VW031660.D
Acq: 30 Jan 2025 16:34



Tgt Ion: 105 Resp: 3359
Ion Ratio Lower Upper
105 100
120 4.0 36.3 54.5#





#71
 Naphthalene
 Concen: 0.784 ug/L
 RT: 15.360 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031660.D
 Acq: 30 Jan 2025 16:34

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	1306
Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.4	15.6#
129	3.3	8.7	13.1#

