

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031617.D
 Acq On : 28 Jan 2025 14:40
 Operator : SY/MD
 Sample : Q1190-08RE
 Misc : 4.16g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:33:52 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)

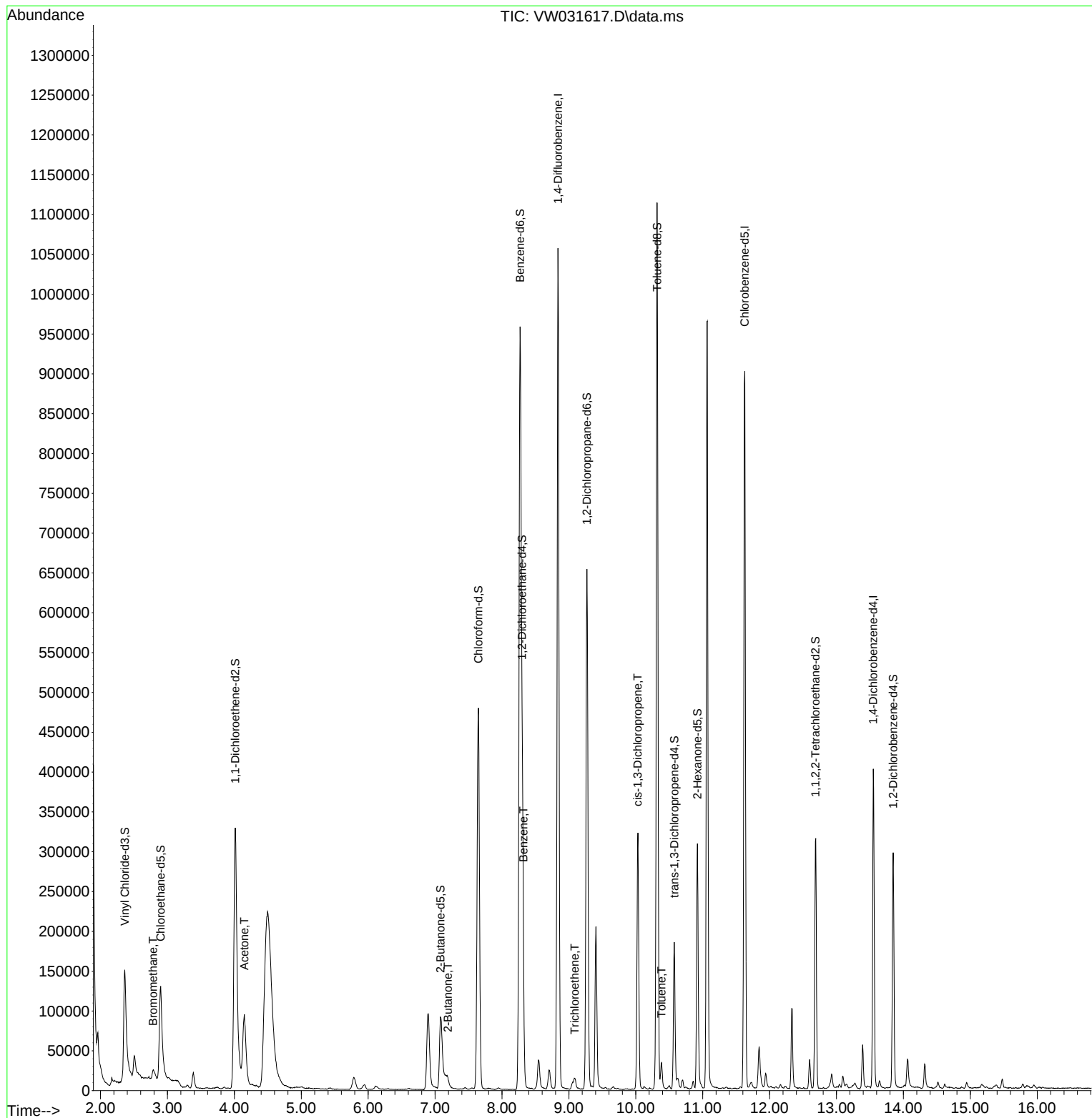
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	865482	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	491200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	98825	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	270652	19.929	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	79.720%	
7) Chloroethane-d5	2.899	69	202583	20.887	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	83.560%	
11) 1,1-Dichloroethene-d2	4.015	65	121407	20.092	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	80.360%	
21) 2-Butanone-d5	7.081	46	164140	75.185	ug/L	-0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	150.360%#	
24) Chloroform-d	7.648	84	503156	22.464	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	89.840%	
26) 1,2-Dichloroethane-d4	8.301	65	280781	25.469	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	101.880%	
32) Benzene-d6	8.270	84	1011460	32.782	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	131.120%	
36) 1,2-Dichloropropane-d6	9.270	67	314445	34.517	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	138.080%#	
41) Toluene-d8	10.319	98	706245	25.356	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	101.440%	
43) trans-1,3-Dichloroprop...	10.575	79	105641	28.239	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	112.960%	
47) 2-Hexanone-d5	10.922	63	107425	115.552	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	231.100%#	
56) 1,1,2,2-Tetrachloroeth...	12.684	84	165514	29.710	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	118.840%	
66) 1,2-Dichlorobenzene-d4	13.848	152	74877	21.602	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	86.400%	
Target Compounds						
					Qvalue	
6) Bromomethane	2.783	94	11392	1.310	ug/L	91
13) Acetone	4.149	43	187080	111.343	ug/L #	61
22) 2-Butanone	7.191	43	22098	7.701	ug/L	99
33) Benzene	8.319	78	32855	0.977	ug/L	100
34) Trichloroethene	9.087	95	4050	0.448	ug/L	89
39) cis-1,3-Dichloropropene	10.026	75	7583	0.570	ug/L #	72
42) Toluene	10.386	91	22635	0.644	ug/L	94

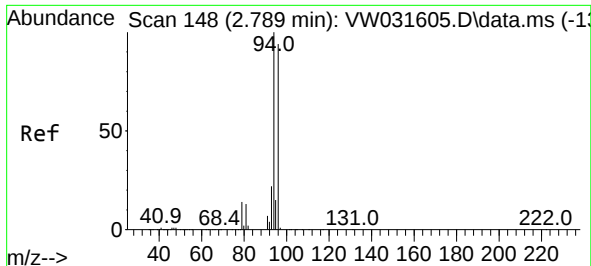
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

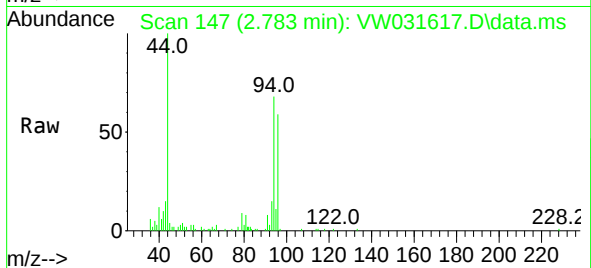
Quant Time: Jan 29 07:33:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
Response via : Initial Calibration



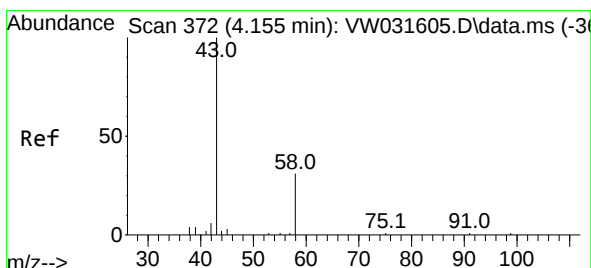
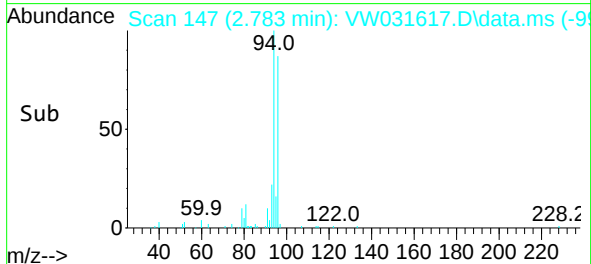
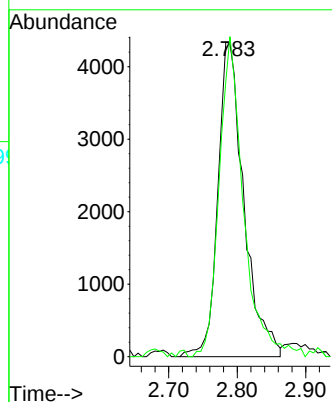


#6
Bromomethane
Concen: 1.310 ug/L
RT: 2.783 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW031617.D
Acq: 28 Jan 2025 14:40

Instrument :
MSVOA_W
ClientSampleId :

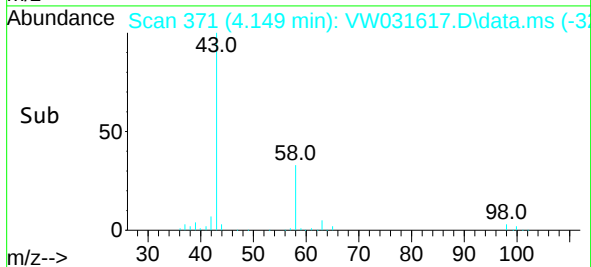
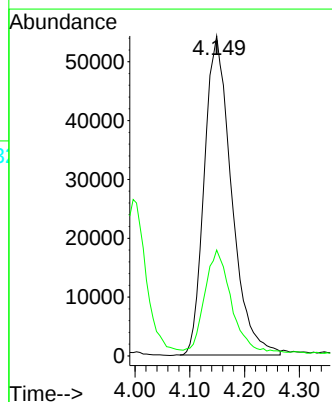
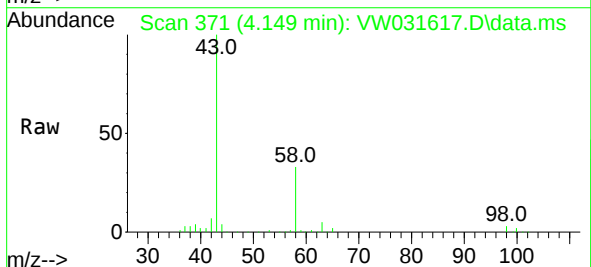


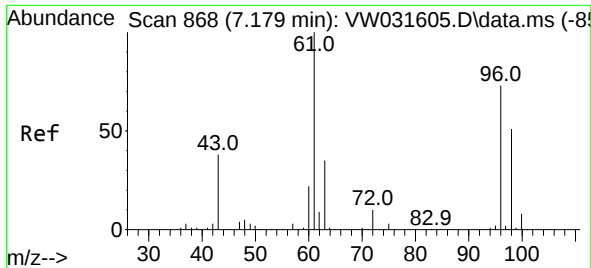
Tgt Ion: 94 Resp: 11392
Ion Ratio Lower Upper
94 100
96 87.5 67.6 125.6



#13
Acetone
Concen: 111.343 ug/L
RT: 4.149 min Scan# 371
Delta R.T. -0.018 min
Lab File: VW031617.D
Acq: 28 Jan 2025 14:40

Tgt Ion: 43 Resp: 187080
Ion Ratio Lower Upper
43 100
58 29.8 0.0 28.2#

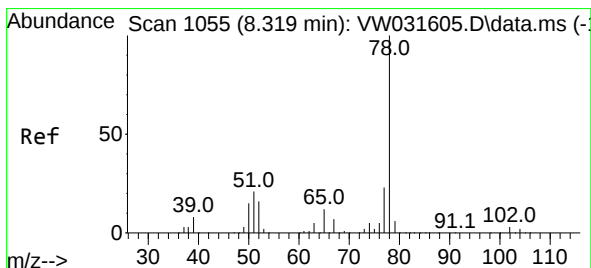
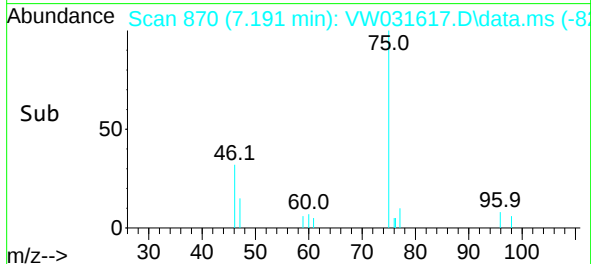
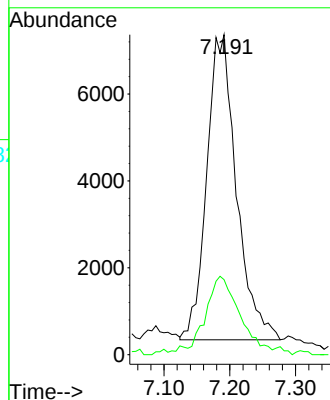
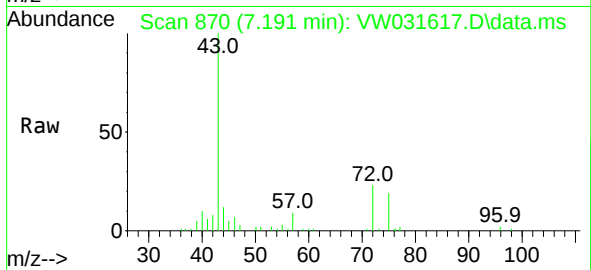




#22
2-Butanone
Concen: 7.701 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031617.D
Acq: 28 Jan 2025 14:40

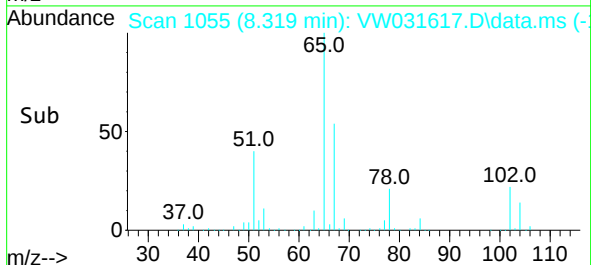
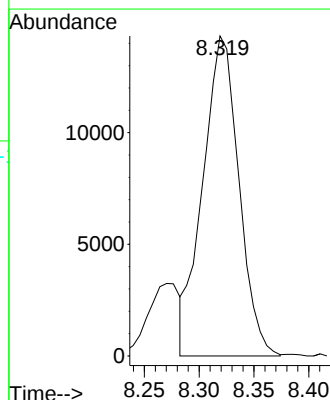
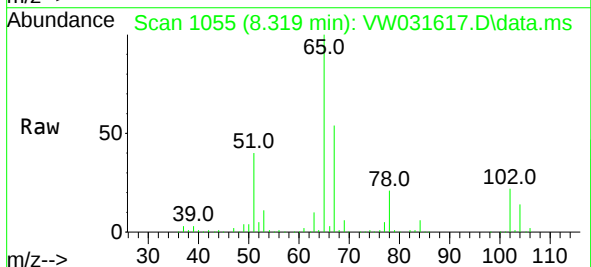
Instrument :
MSVOA_W
ClientSampleId :

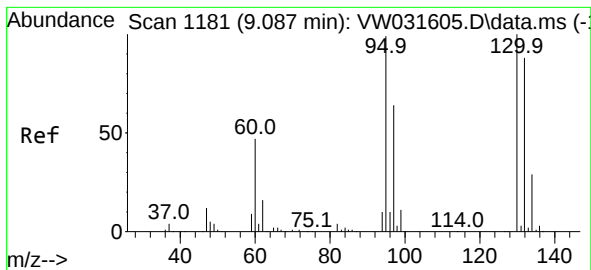
Tgt Ion: 43 Resp: 22098
Ion Ratio Lower Upper
43 100
72 26.0 13.2 39.5



#33
Benzene
Concen: 0.977 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031617.D
Acq: 28 Jan 2025 14:40

Tgt Ion: 78 Resp: 32855





#34

Trichloroethene

Concen: 0.448 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

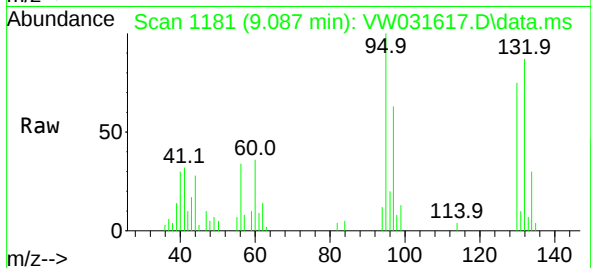
Lab File: VW031617.D

Acq: 28 Jan 2025 14:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 4050

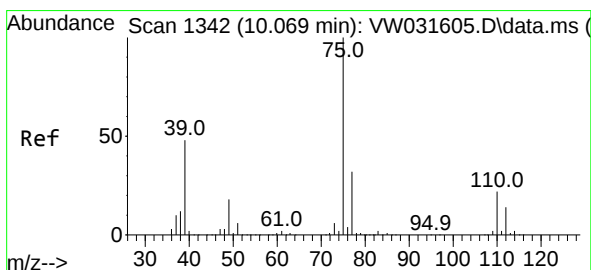
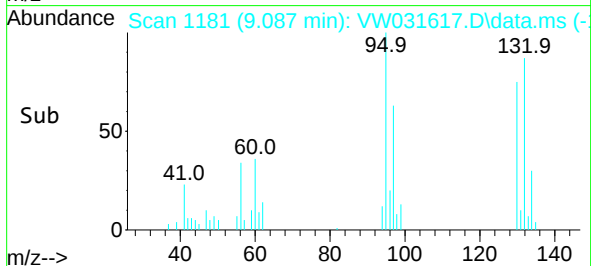
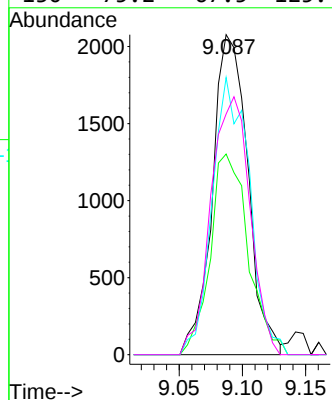
Ion Ratio Lower Upper

95 100

97 62.7 44.0 81.6

132 86.6 64.6 120.0

130 75.2 67.5 125.4



#39

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.026 min Scan# 1335

Delta R.T. -0.043 min

Lab File: VW031617.D

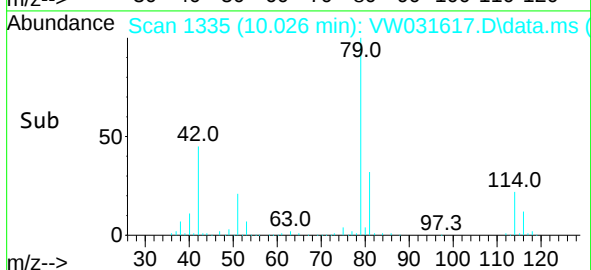
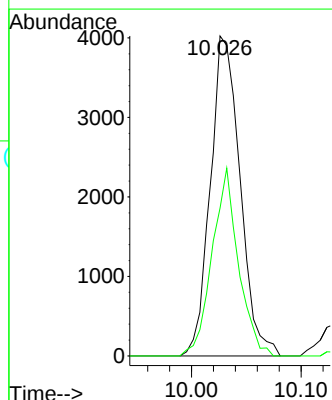
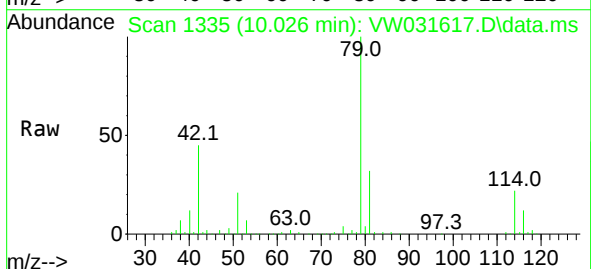
Acq: 28 Jan 2025 14:40

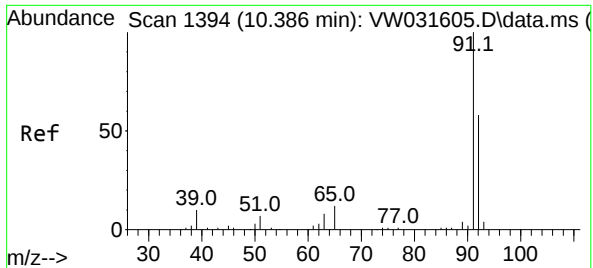
Tgt Ion: 75 Resp: 7583

Ion Ratio Lower Upper

75 100

77 46.2 21.6 40.2#





#42
Toluene
Concen: 0.644 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031617.D
Acq: 28 Jan 2025 14:40

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 22635
Ion Ratio Lower Upper
91 100
92 53.4 40.6 75.4

