

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031643.D
 Acq On : 29 Jan 2025 15:56
 Operator : SY/MD
 Sample : Q1189-05
 Misc : 14.81g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 30 07:32:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

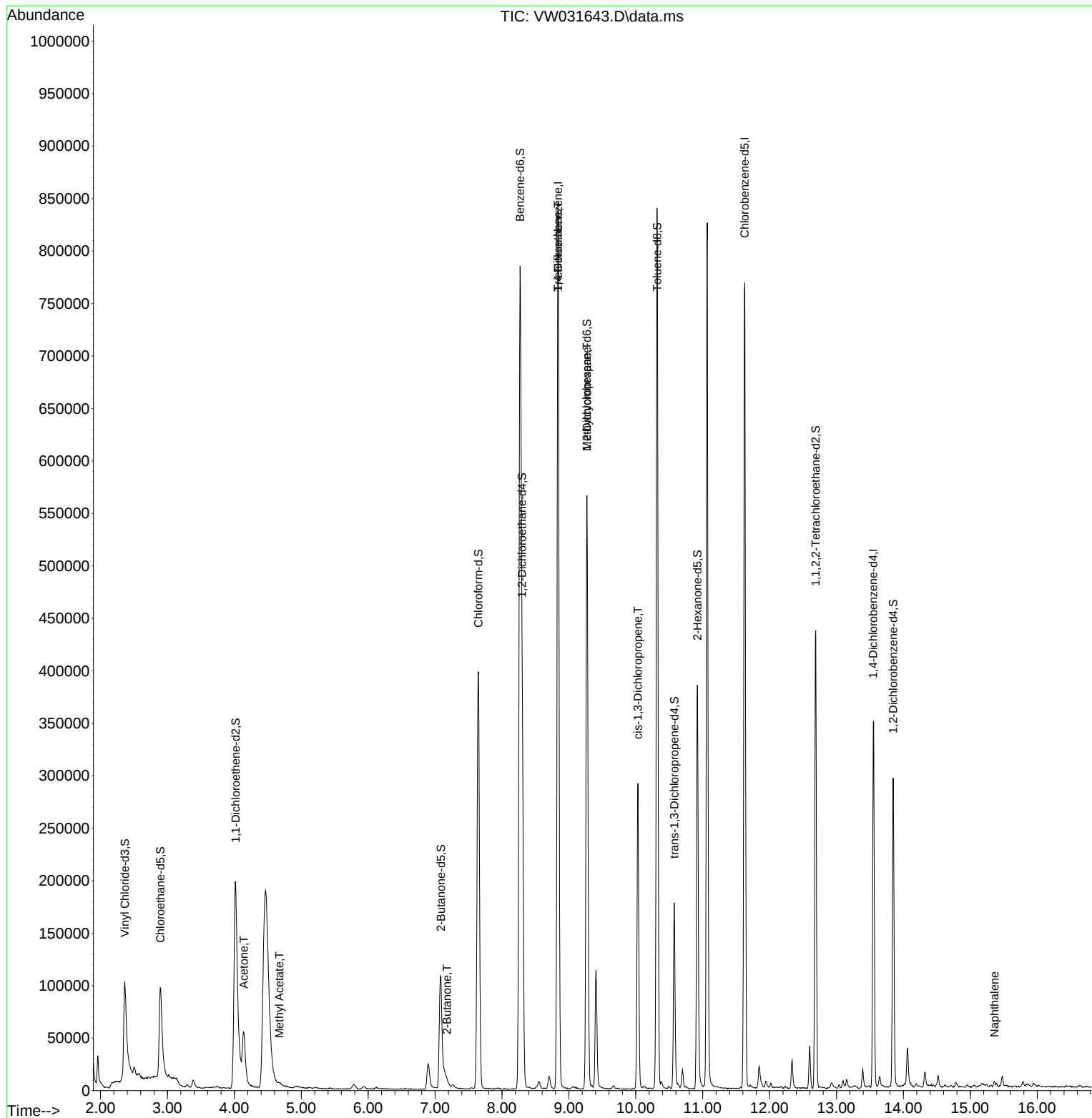
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	705190	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	429915	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	91179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	205614	18.581	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	74.320%	
7) Chloroethane-d5	2.893	69	157040	19.872	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	79.480%	
11) 1,1-Dichloroethene-d2	4.021	65	86148	17.497	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	70.000%	
21) 2-Butanone-d5	7.087	46	194162	109.152	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	218.300%#	
24) Chloroform-d	7.648	84	419541	22.988	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	91.960%	
26) 1,2-Dichloroethane-d4	8.301	65	266073	29.621	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	118.480%	
32) Benzene-d6	8.270	84	814155	30.149	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	120.600%	
36) 1,2-Dichloropropane-d6	9.270	67	272805	34.215	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	136.840%#	
41) Toluene-d8	10.319	98	553200	22.693	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	90.760%	
43) trans-1,3-Dichloroprop...	10.575	79	98344	30.036	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	120.160%	
47) 2-Hexanone-d5	10.922	63	134818	165.690	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	331.380%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	227842	46.728	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	186.920%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	71651	22.405	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	89.600%	
Target Compounds						
					Qvalue	
13) Acetone	4.143	43	91534	66.860	ug/L #	56
15) Methyl Acetate	4.673	43	4257	1.187	ug/L	98
22) 2-Butanone	7.179	43	6955	2.975	ug/L	86
34) Trichloroethene	8.837	95	22034	2.785	ug/L #	7
35) Methylcyclohexane	9.270	83	64157	4.524	ug/L #	18
39) cis-1,3-Dichloropropene	10.032	75	7043	0.605	ug/L #	62
71) Naphthalene	15.360	128	4517	0.706	ug/L	98

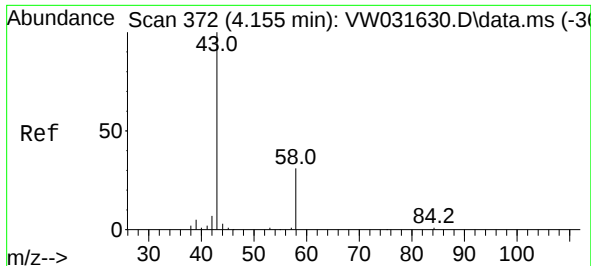
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jan 30 07:28:52 2025
Response via : Initial Calibration

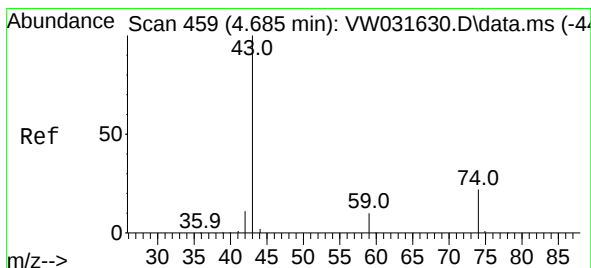
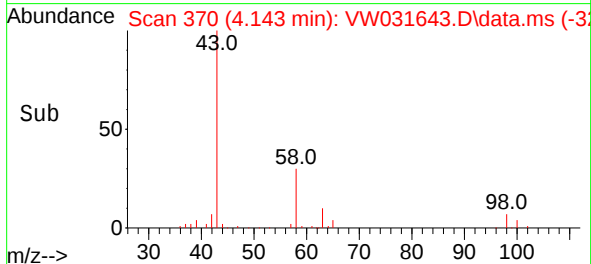
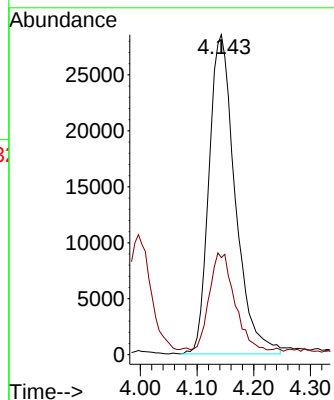
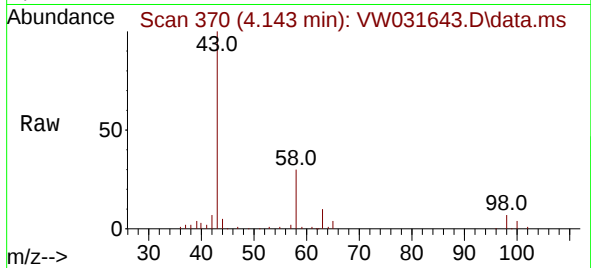




#13
Acetone
Concen: 66.860 ug/L
RT: 4.143 min Scan# 31
Delta R.T. -0.012 min
Lab File: VW031643.D
Acq: 29 Jan 2025 15:56

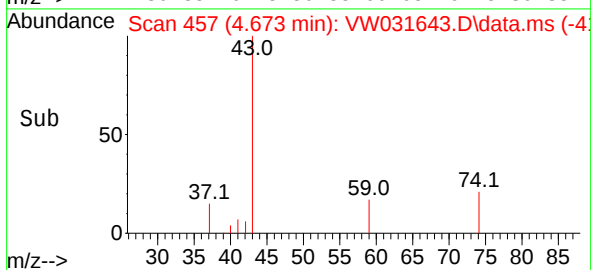
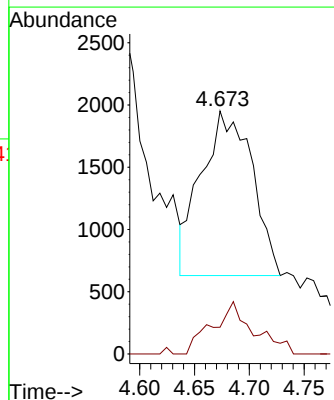
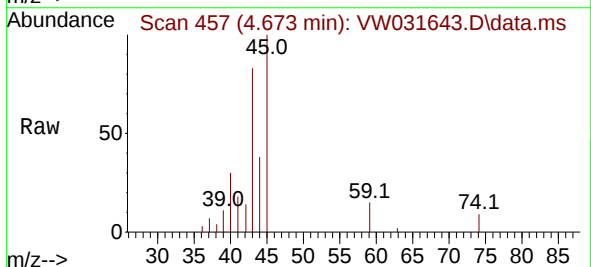
Instrument :
MSVOA_W
ClientSampleId :

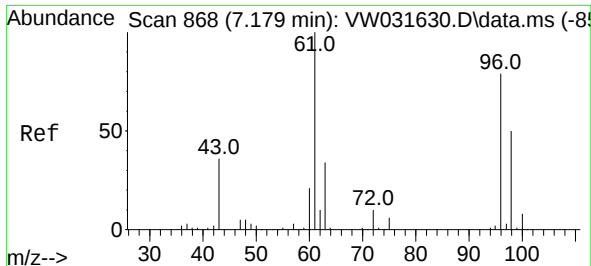
Tgt Ion: 43 Resp: 91534
Ion Ratio Lower Upper
43 100
58 31.9 0.0 28.2#



#15
Methyl Acetate
Concen: 1.187 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.012 min
Lab File: VW031643.D
Acq: 29 Jan 2025 15:56

Tgt Ion: 43 Resp: 4257
Ion Ratio Lower Upper
43 100
74 13.9 10.6 15.8





#22

2-Butanone

Concen: 2.975 ug/L

RT: 7.179 min Scan# 8

Delta R.T. 0.000 min

Lab File: VW031643.D

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Instrument :

MSVOA_W

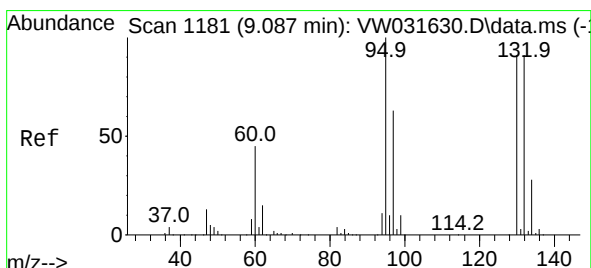
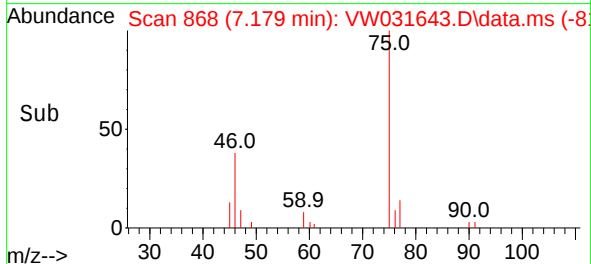
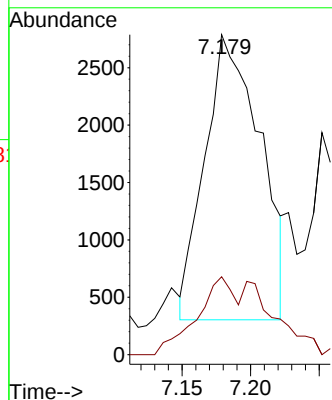
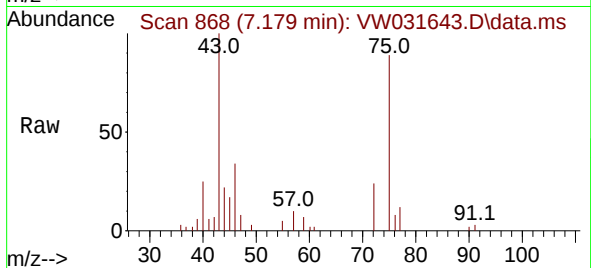
ClientSampleId :

Tgt Ion: 43 Resp: 6955

Ion Ratio Lower Upper

43 100

72 19.3 13.2 39.5



#34

Trichloroethene

Concen: 2.785 ug/L

RT: 8.837 min Scan# 1140

Delta R.T. -0.250 min

Lab File: VW031643.D

Acq: 29 Jan 2025 15:56

Tgt Ion: 95 Resp: 22034

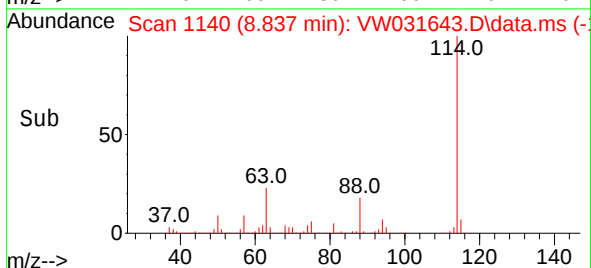
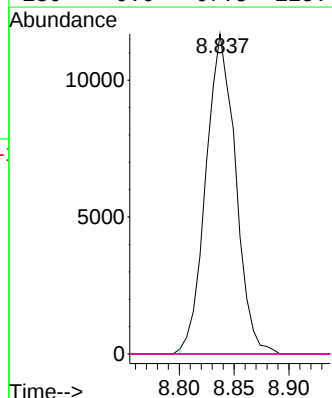
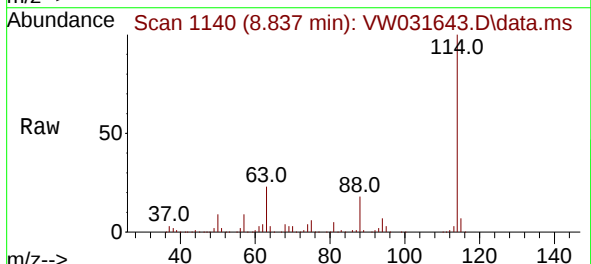
Ion Ratio Lower Upper

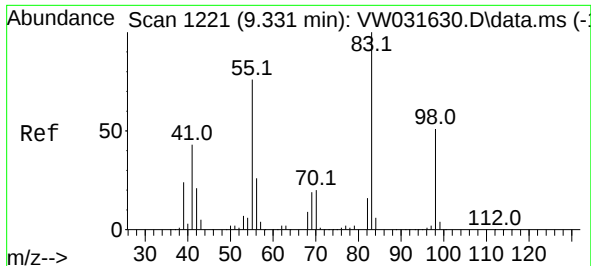
95 100

97 0.0 44.0 81.6#

132 0.0 64.6 120.0#

130 0.0 67.5 125.4#





#35

Methylcyclohexane

Concen: 4.524 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW031643.D

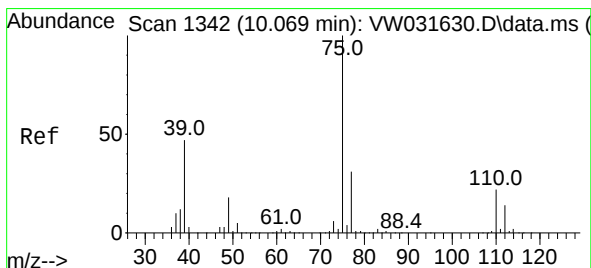
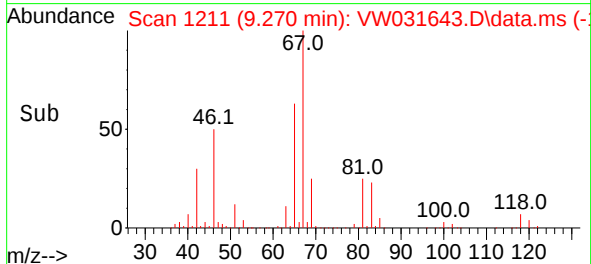
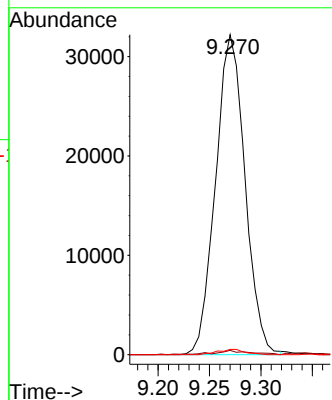
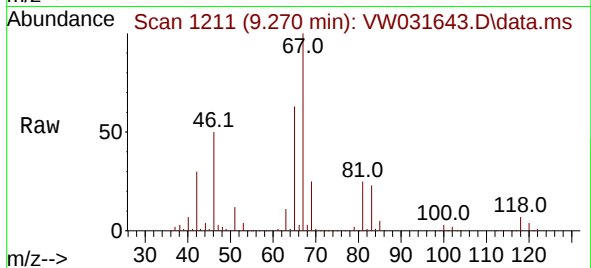
Acq: 29 Jan 2025 15:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	64157
Ion Ratio	Lower	Upper	
83	100		
55	0.5	63.4	95.2#
98	1.5	38.8	58.2#



#39

cis-1,3-Dichloropropene

Concen: 0.605 ug/L

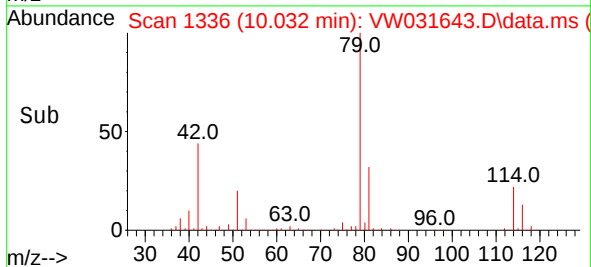
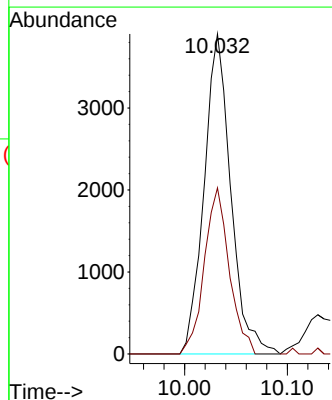
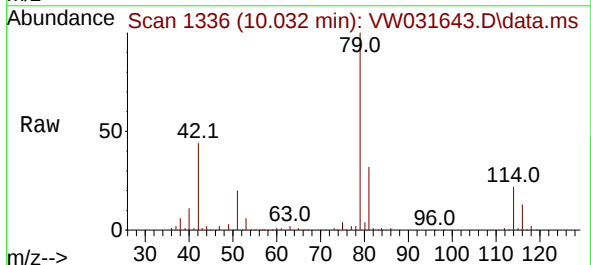
RT: 10.032 min Scan# 1336

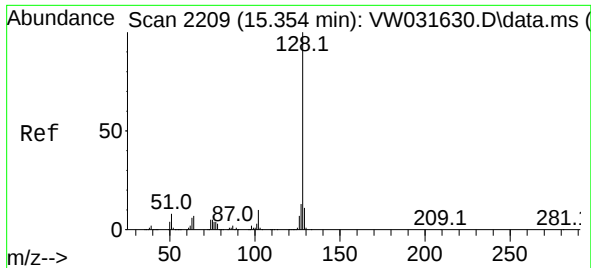
Delta R.T. -0.037 min

Lab File: VW031643.D

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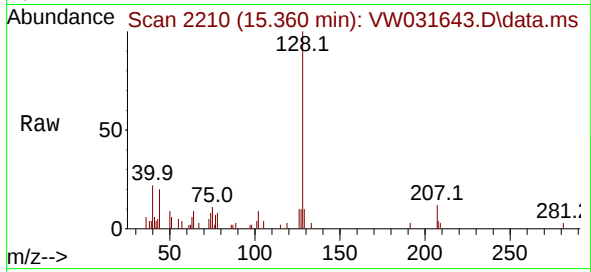
Tgt Ion:	75	Resp:	7043
Ion Ratio	Lower	Upper	
75	100		
77	51.9	21.6	40.2#





#71
Naphthalene
Concen: 0.706 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW031643.D
Acq: 29 Jan 2025 15:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	4517
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	12.4	8.7	13.1

