

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101024\
 Data File : VW030509.D
 Acq On : 10 Oct 2024 14:42
 Operator : SY/MD
 Sample : P4346-11
 Misc : 3.26g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 11 01:22:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 11 01:19:48 2024
 Response via : Initial Calibration

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

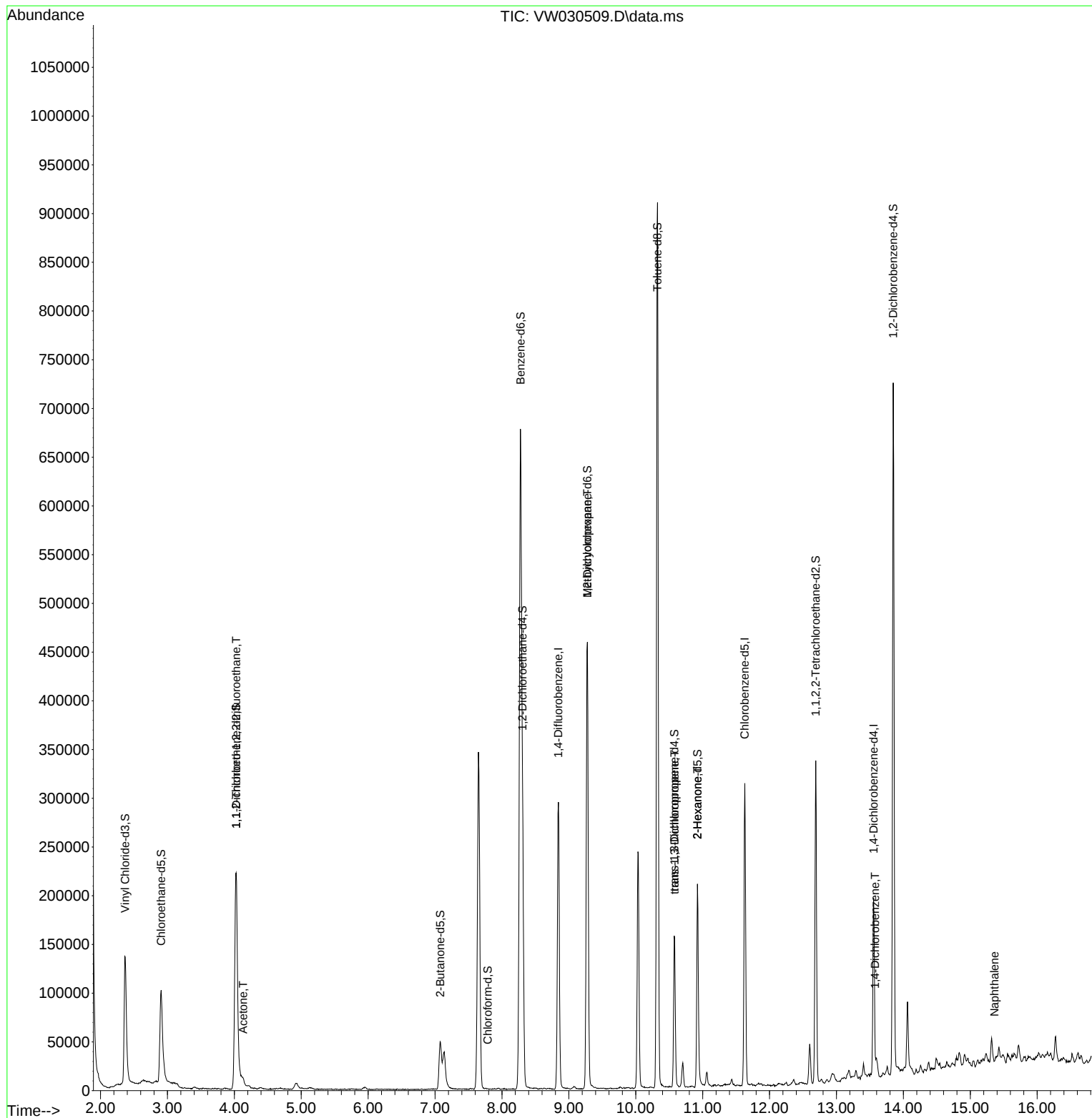
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	240266	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	162957	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	47065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	187777	49.721	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 198.880%#		
7) Chloroethane-d5	2.905	69	149203	52.192	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 208.760%#		
11) 1,1-Dichloroethene-d2	4.027	65	77440	49.300	ug/L	0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	= 197.200%#		
21) 2-Butanone-d5	7.075	46	82076	120.762	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 241.520%#		
24) Chloroform-d	7.789	84	203	0.030	ug/L	0.14
Spiked Amount	25.000	Range 40 - 150	Recovery	= 0.120%#		
26) 1,2-Dichloroethane-d4	8.307	65	204840	57.330	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 229.320%#		
32) Benzene-d6	8.276	84	662948	70.094	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 280.360%#		
36) 1,2-Dichloropropane-d6	9.276	67	204976	73.838	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 295.360%#		
41) Toluene-d8	10.325	98	588812	68.196	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 272.800%#		
43) trans-1,3-Dichloroprop...	10.575	79	84488	72.683	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 290.720%#		
47) 2-Hexanone-d5	10.922	63	65900	184.311	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 368.620%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	158833	77.909	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 311.640%#		
66) 1,2-Dichlorobenzene-d4	13.849	152	169367	106.354	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 425.400%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	4.027	101	2163	0.612	ug/L #	24
13) Acetone	4.131	43	9801	9.850	ug/L	71
35) Methylcyclohexane	9.276	83	50150	10.801	ug/L #	19
44) trans-1,3-Dichloropropene	10.581	75	4491	1.338	ug/L	84
48) 2-Hexanone	10.922	43	11114	10.681	ug/L #	67
65) 1,4-Dichlorobenzene	13.574	146	1407	0.430	ug/L #	55
71) Naphthalene	15.361	128	1895	0.651	ug/L #	90

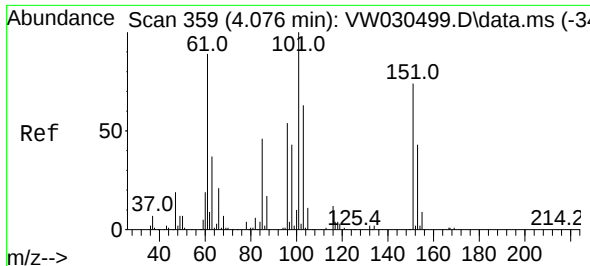
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Oct 11 01:19:48 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.612 ug/L

RT: 4.027 min Scan# 359

Delta R.T. -0.049 min

Lab File: VW030509.D

Acq: 10 Oct 2024 14:42

Instrument :

MSVOA_W

ClientSampleId :

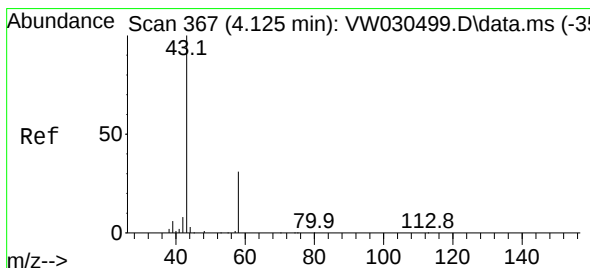
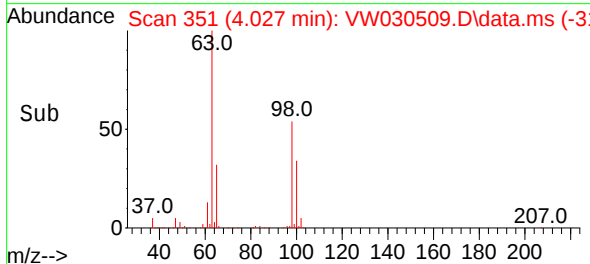
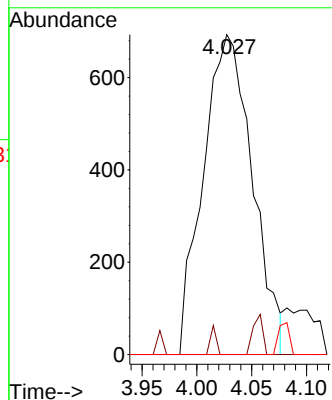
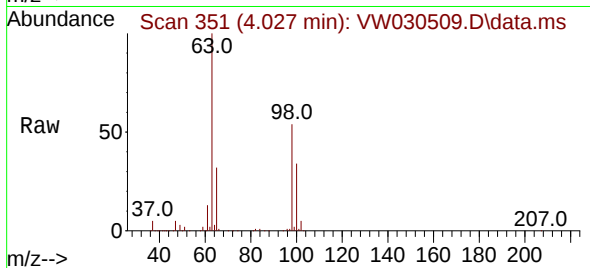
Tgt Ion:101 Resp: 2163

Ion Ratio Lower Upper

101 100

85 2.5 35.7 53.5#

151 2.2 56.1 84.1#



#13

Acetone

Concen: 9.850 ug/L

RT: 4.131 min Scan# 368

Delta R.T. 0.006 min

Lab File: VW030509.D

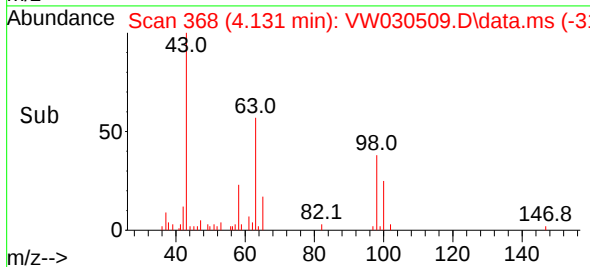
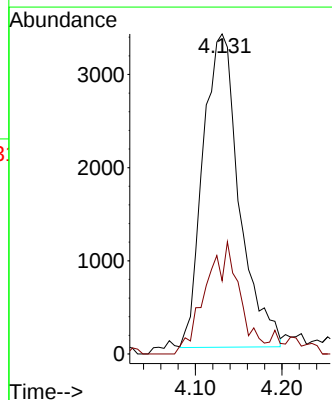
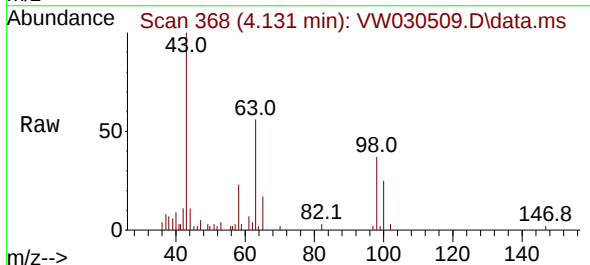
Acq: 10 Oct 2024 14:42

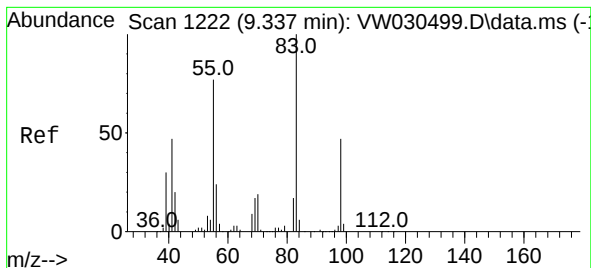
Tgt Ion: 43 Resp: 9801

Ion Ratio Lower Upper

43 100

58 13.3 0.0 57.6





#35

Methylcyclohexane

Concen: 10.801 ug/L

RT: 9.276 min Scan# 1412

Delta R.T. -0.061 min

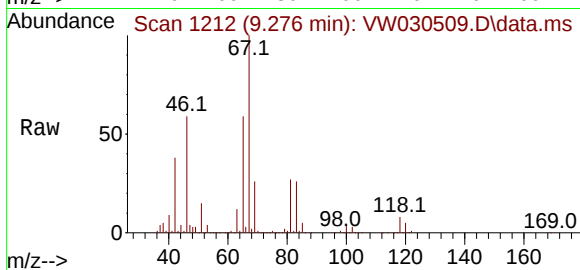
Lab File: VW030509.D

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Instrument :

MSVOA_W

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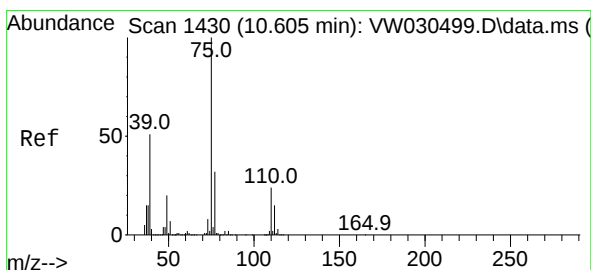
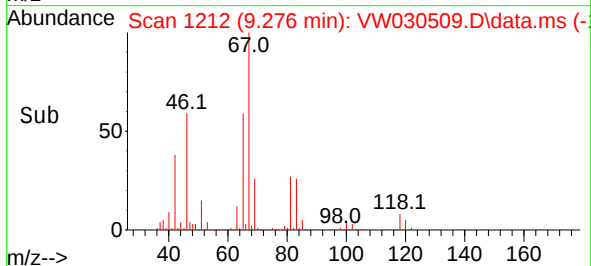
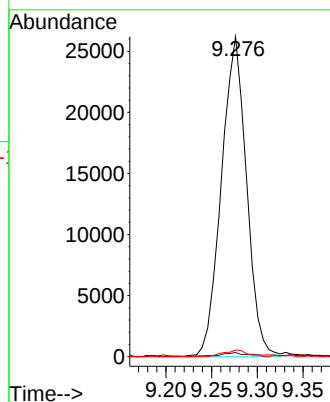
Tgt Ion: 83 Resp: 50150

Ion Ratio Lower Upper

83 100

55 0.6 61.8 92.8#

98 1.9 39.3 58.9#



#44

trans-1,3-Dichloropropene

Concen: 1.338 ug/L

RT: 10.581 min Scan# 1426

Delta R.T. -0.024 min

Lab File: VW030509.D

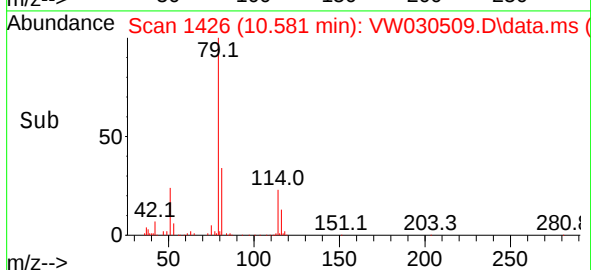
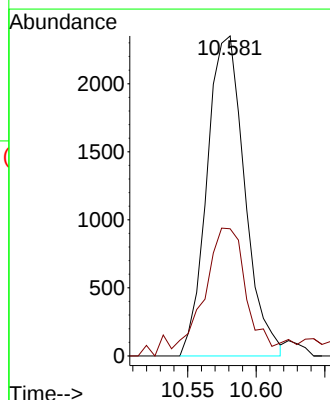
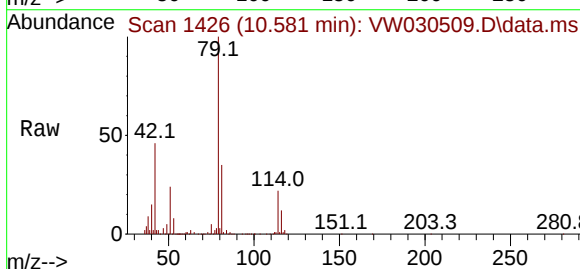
Acq: 10 Oct 2024 14:42

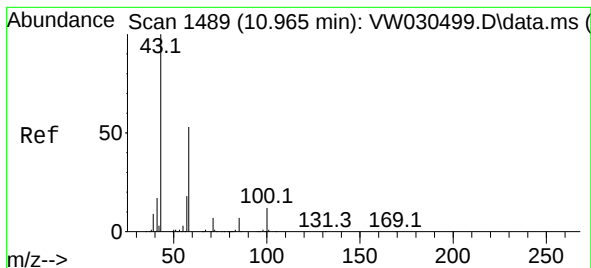
Tgt Ion: 75 Resp: 4491

Ion Ratio Lower Upper

75 100

77 39.7 21.6 40.2





#48

2-Hexanone

Concen: 10.681 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

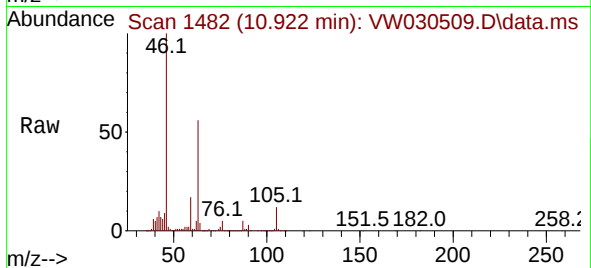
Lab File: VW030509.D

Acq: 10 Oct 2024 14:42

Instrument :

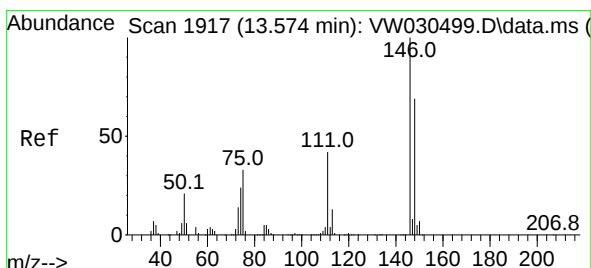
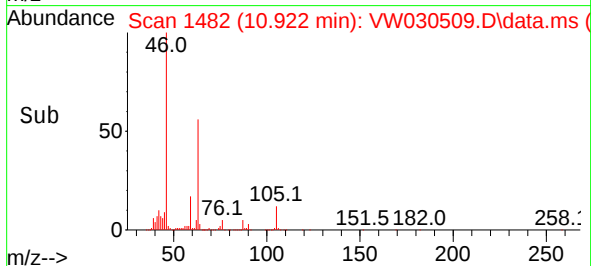
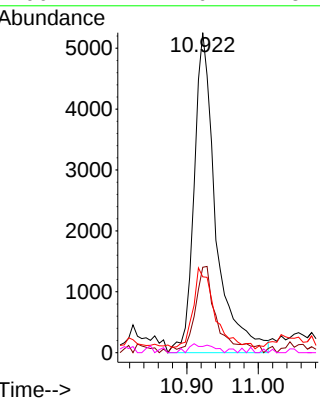
MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 11114

Ion	Ratio	Lower	Upper
43	100		
58	25.0	44.6	67.0#
57	23.4	15.8	23.8
100	1.2	10.2	15.2#



#65

1,4-Dichlorobenzene

Concen: 0.430 ug/L

RT: 13.574 min Scan# 1917

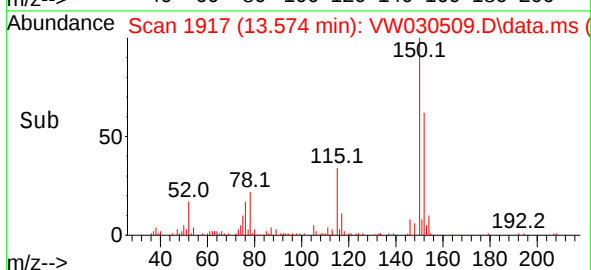
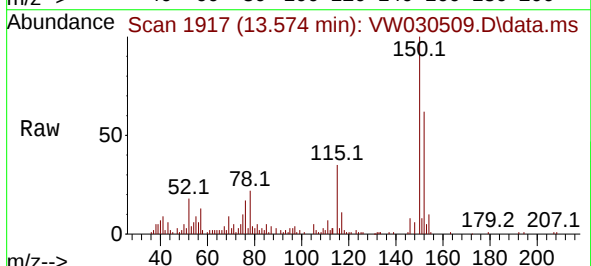
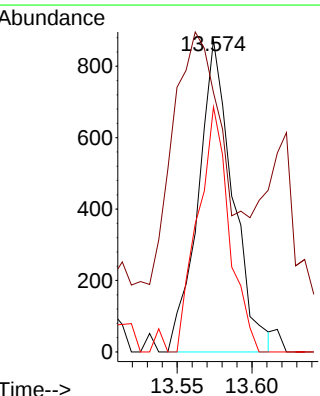
Delta R.T. 0.000 min

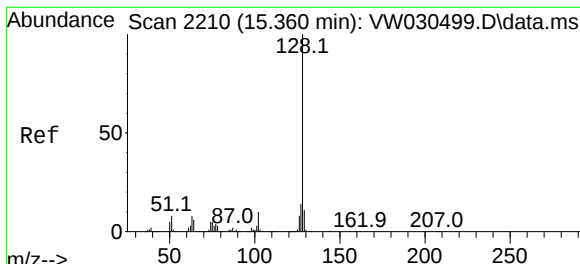
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Tgt Ion: 146 Resp: 1407

Ion	Ratio	Lower	Upper
146	100		
111	83.2	26.8	49.8#
148	78.6	41.0	76.2#





#71
 Naphthalene
 Concen: 0.651 ug/L
 RT: 15.361 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030509.D
 Acq: 10 Oct 2024 14:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	1895
Ion Ratio	Lower	Upper	
128	100		
127	16.7	10.9	16.3#
129	5.8	8.8	13.2#

