

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026770.D
 Acq On : 18 Aug 2023 15:21
 Operator : SY/MD
 Sample : 04037-08
 Misc : 5.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:44:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

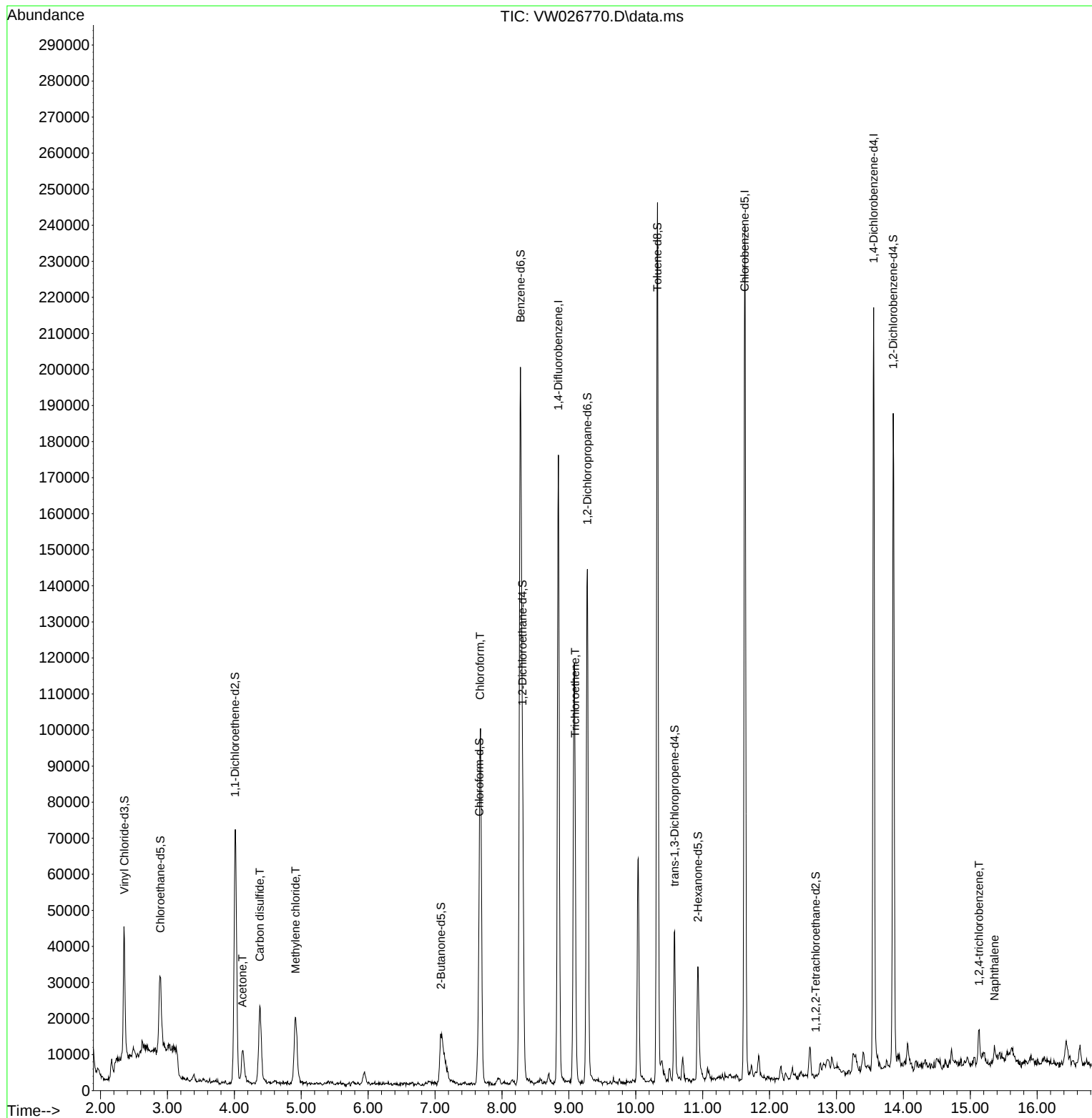
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	136120	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	127790	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	54131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	39144	17.493	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.960%
7) Chloroethane-d5	2.893	69	31101	18.691	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
11) 1,1-Dichloroethene-d2	4.009	65	21930	19.926	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.720%
21) 2-Butanone-d5	7.088	46	21200	32.963	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.920%
24) Chloroform-d	7.661	84	13246	2.899	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	11.600%#
26) 1,2-Dichloroethane-d4	8.307	65	60766	24.102	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	8.276	84	200100	22.720	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	9.276	67	66036	24.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	10.325	98	153369	20.287	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.160%
43) trans-1,3-Dichloroprop...	10.581	79	23272	20.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.200%
47) 2-Hexanone-d5	10.928	63	7883	27.347	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	217	0.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.400%#
66) 1,2-Dichlorobenzene-d4	13.849	152	46715	24.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	16681	26.085	ug/L	94
14) Carbon disulfide	4.381	76	36963	5.107	ug/L	100
16) Methylene chloride	4.917	84	13310	5.055	ug/L	92
25) Chloroform	7.673	83	90858	20.353	ug/L	98
34) Trichloroethene	9.093	95	11696	4.935	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	2814	1.404	ug/L	95
71) Naphthalene	15.361	128	3967	1.037	ug/L #	95

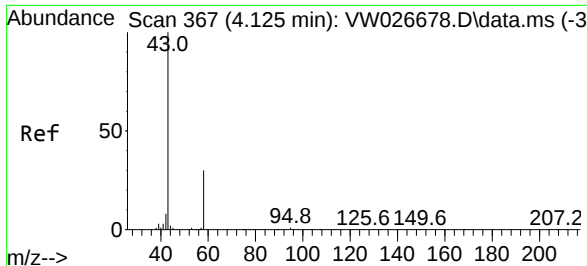
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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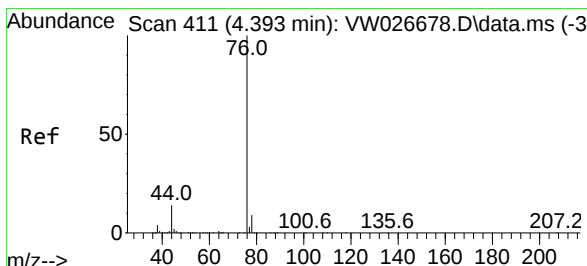
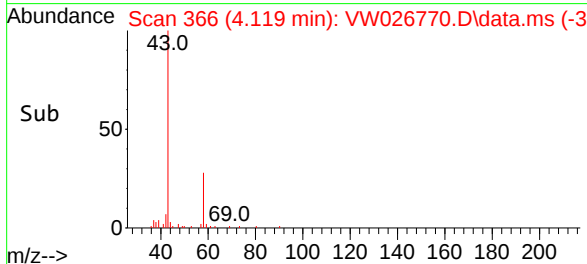
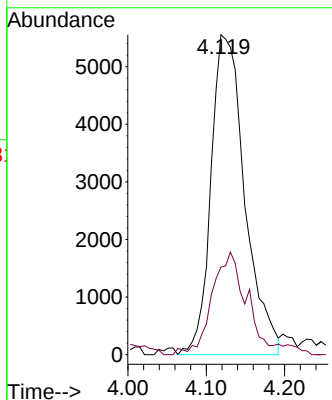
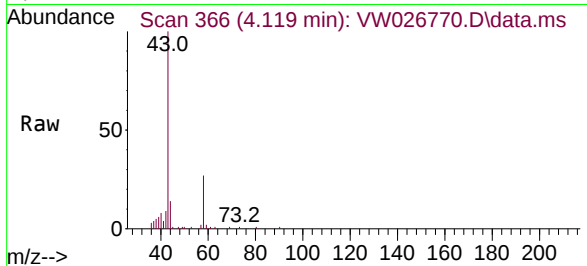




#13
Acetone
Concen: 26.085 ug/L
RT: 4.119 min Scan# 309
Delta R.T. -0.006 min
Lab File: VW026770.D
Acq: 18 Aug 2023 15:21

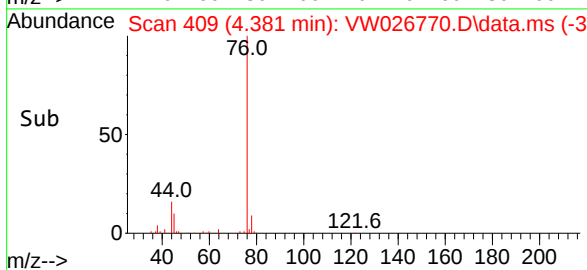
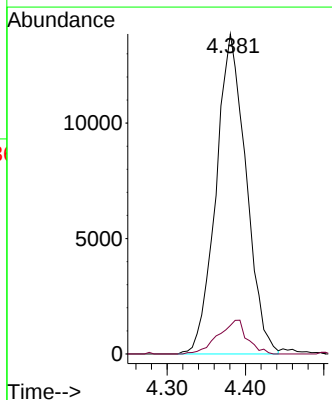
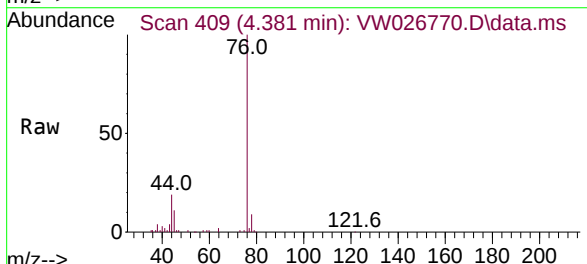
Instrument :
MSVOA_W
ClientSampleId :

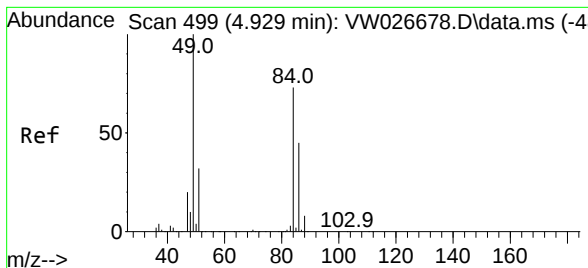
Tgt Ion: 43 Resp: 16681
Ion Ratio Lower Upper
43 100
58 25.3 0.0 57.4



#14
Carbon disulfide
Concen: 5.107 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
Lab File: VW026770.D
Acq: 18 Aug 2023 15:21

Tgt Ion: 76 Resp: 36963
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#16

Methylene chloride

Concen: 5.055 ug/L

RT: 4.917 min Scan# 49

Delta R.T. 0.000 min

Lab File: VW026770.D

Acq: 18 Aug 2023 15:21

Instrument :

MSVOA_W

ClientSampleId :

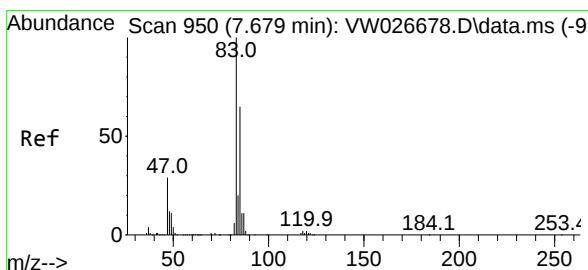
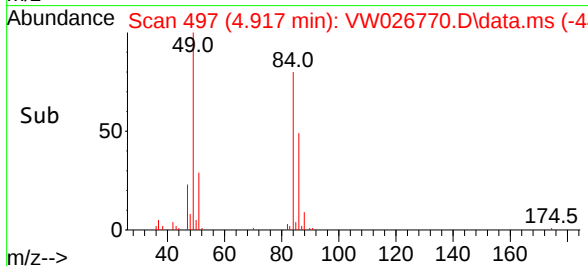
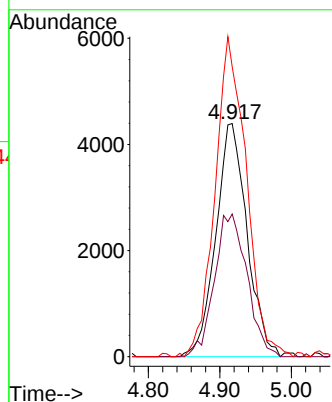
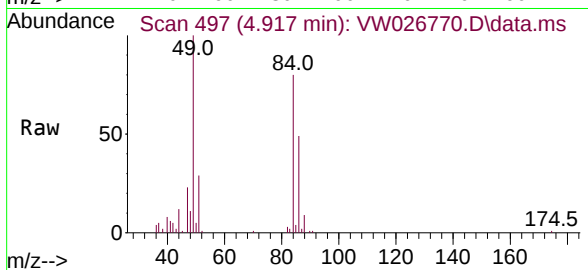
Tgt Ion: 84 Resp: 13310

Ion Ratio Lower Upper

84 100

86 61.2 43.5 80.9

49 124.3 96.0 178.2



#25

Chloroform

Concen: 20.353 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW026770.D

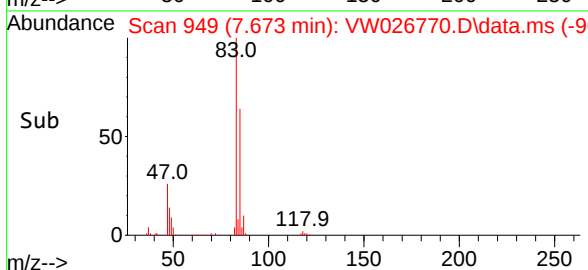
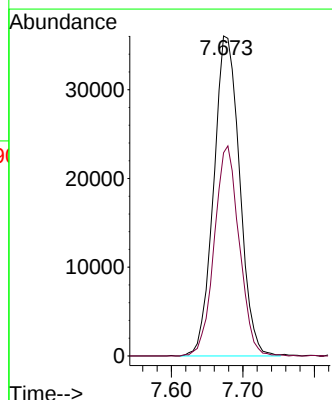
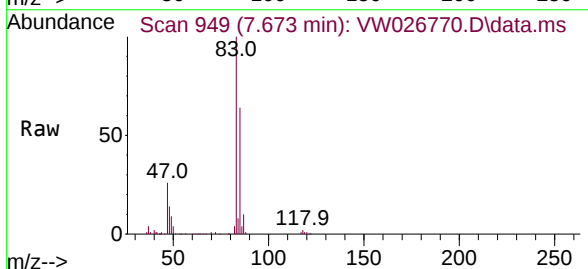
Acq: 18 Aug 2023 15:21

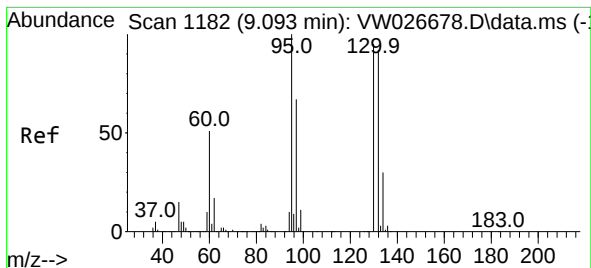
Tgt Ion: 83 Resp: 90858

Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.2





#34

Trichloroethene

Concen: 4.935 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

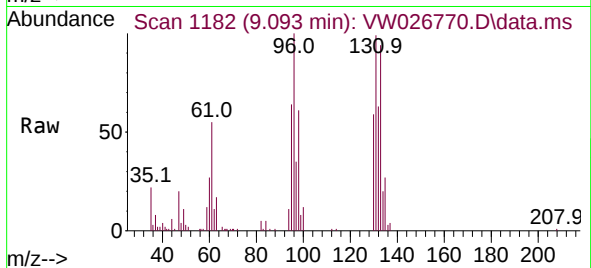
Lab File: VW026770.D

Acq: 18 Aug 2023 15:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 11696

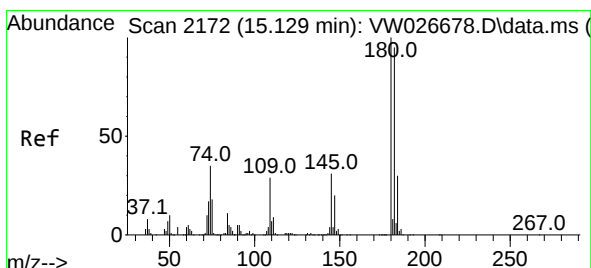
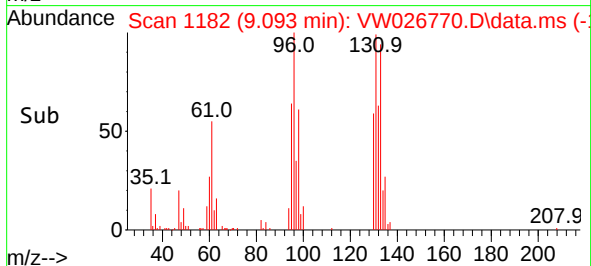
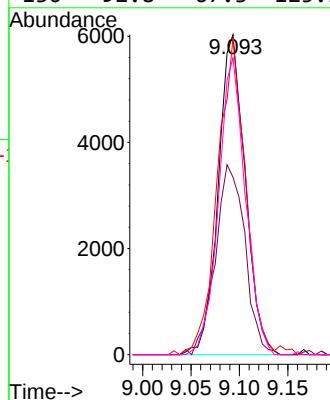
Ion Ratio Lower Upper

95 100

97 55.5 44.6 82.8

132 98.9 66.4 123.2

130 92.8 67.3 125.1



#70

1,2,4-trichlorobenzene

Concen: 1.404 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026770.D

Acq: 18 Aug 2023 15:21

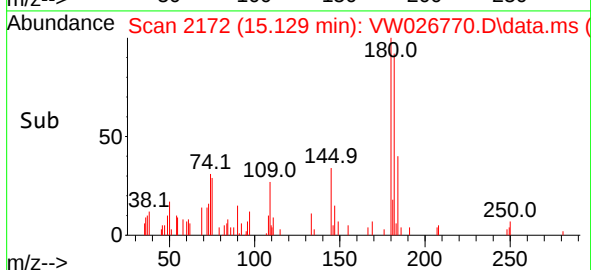
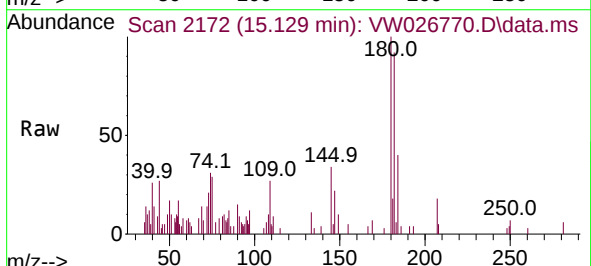
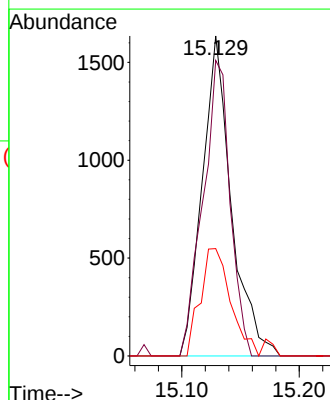
Tgt Ion: 180 Resp: 2814

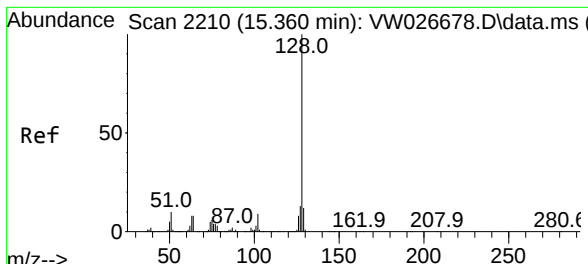
Ion Ratio Lower Upper

180 100

182 86.5 72.5 108.7

145 35.1 24.7 37.1





#71
 Naphthalene
 Concen: 1.037 ug/L
 RT: 15.361 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026770.D
 Acq: 18 Aug 2023 15:21

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	3967
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.7	16.1
129	8.1	9.0	13.4#

