

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027774.D
 Acq On : 19 Dec 2023 13:14
 Operator : SY/MD
 Sample : 05794-17RE
 Misc : 4.39g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 22:35:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

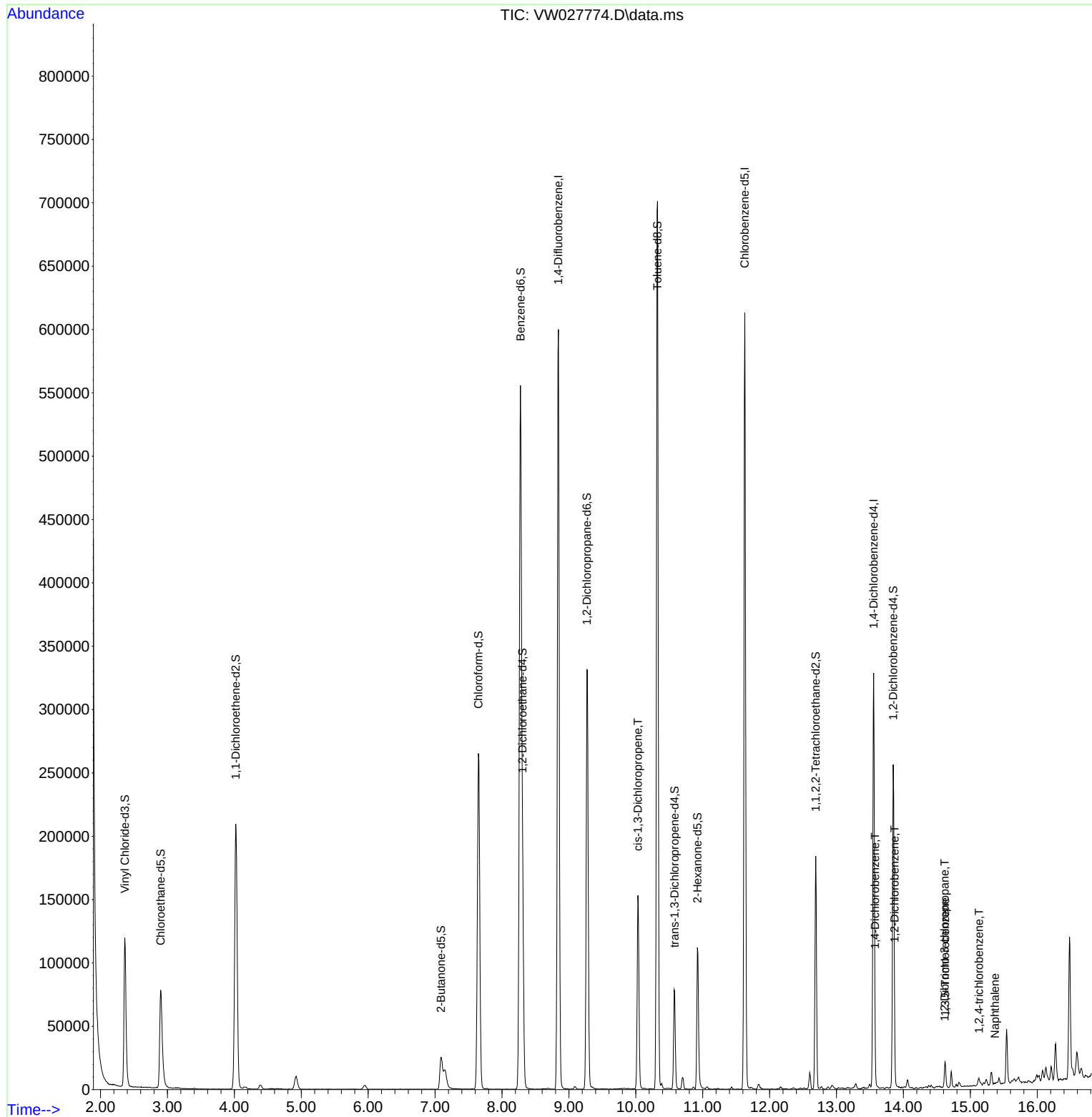
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	553632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	366179	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93334	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	156621	19.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.920%
7) Chloroethane-d5	2.899	69	124417	20.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	4.021	65	63301	20.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.640%
21) 2-Butanone-d5	7.087	46	46471	34.806	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.620%
24) Chloroform-d	7.648	84	287315	21.809	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.307	65	124828	20.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.720%
32) Benzene-d6	8.276	84	618509	28.901	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.600%
36) 1,2-Dichloropropane-d6	9.270	67	169104	27.891	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.560%
41) Toluene-d8	10.324	98	505385	25.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	10.581	79	46968	20.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.040%
47) 2-Hexanone-d5	10.922	63	42245	47.813	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93228	20.333	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	72026	21.559	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.240%
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	10.032	75	3720	0.476	ug/L #	63
65) 1,4-Dichlorobenzene	13.574	146	3850	0.673	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	1897	0.383	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.616	75	1195	3.845	ug/L #	3
69) 1,3,5-Trichlorobenzene	14.622	180	6661	1.682	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	1360	0.418	ug/L #	82
71) Naphthalene	15.366	128	2293	0.398	ug/L	99

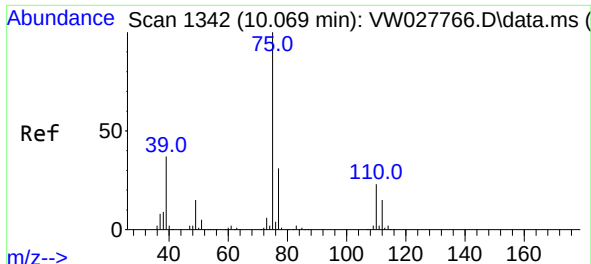
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW027774.D

Acq: 19 Dec 2023 13:14

Instrument :

MSVOA_W

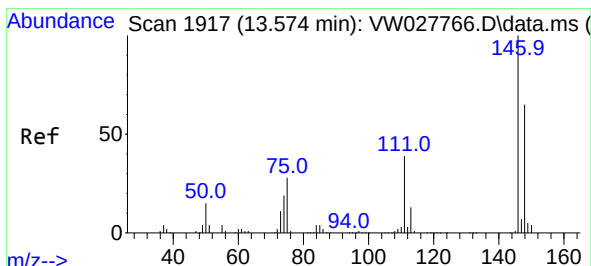
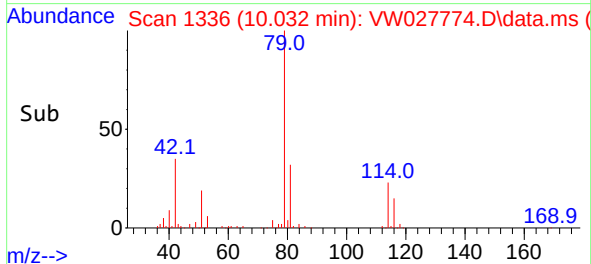
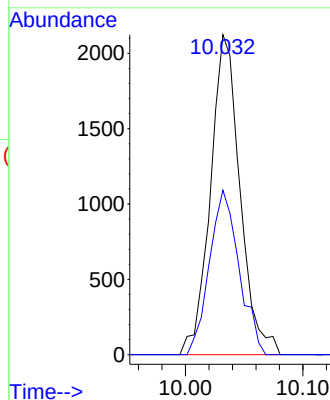
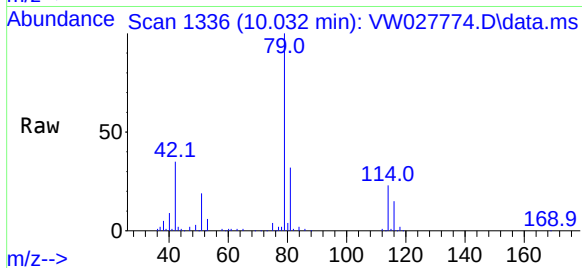
ClientSampleId :

Tgt Ion: 75 Resp: 3720

Ion Ratio Lower Upper

75 100

77 51.4 21.8 40.6#



#65

1,4-Dichlorobenzene

Concen: 0.673 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027774.D

Acq: 19 Dec 2023 13:14

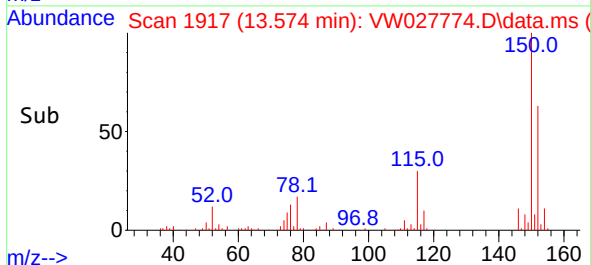
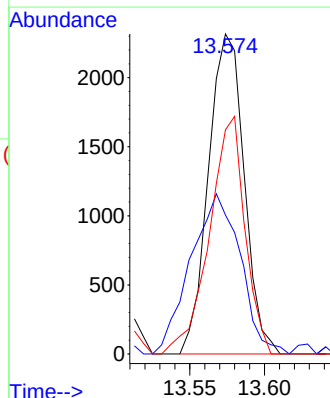
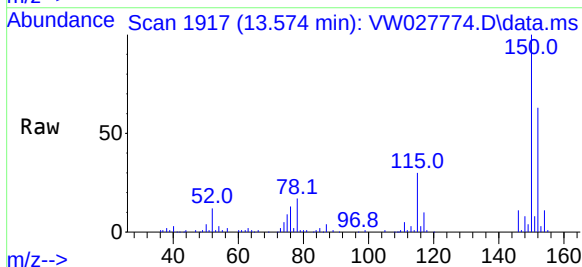
Tgt Ion: 146 Resp: 3850

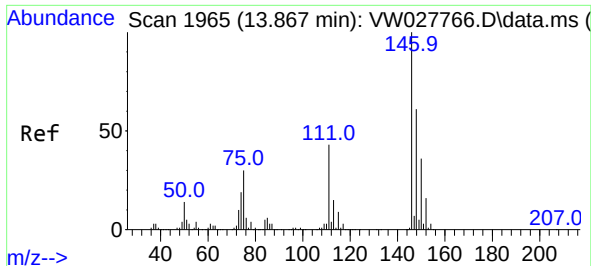
Ion Ratio Lower Upper

146 100

111 43.4 26.2 48.6

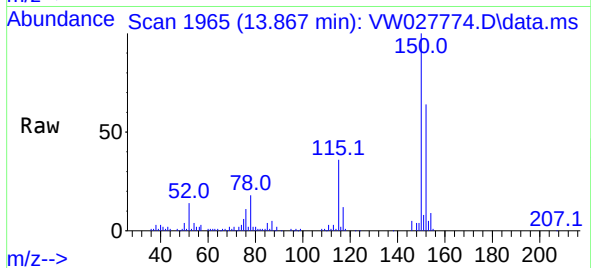
148 70.0 46.3 85.9



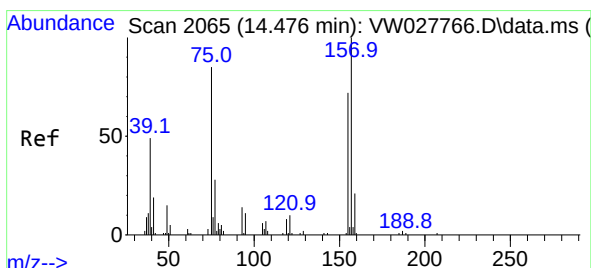
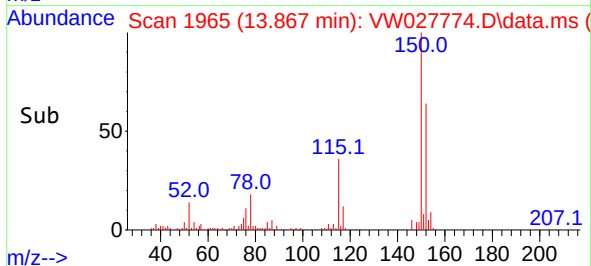
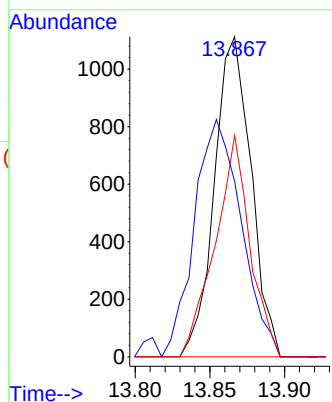


#67
1,2-Dichlorobenzene
Concen: 0.383 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027774.D
Acq: 19 Dec 2023 13:14

Instrument :
MSVOA_W
ClientSampleId :

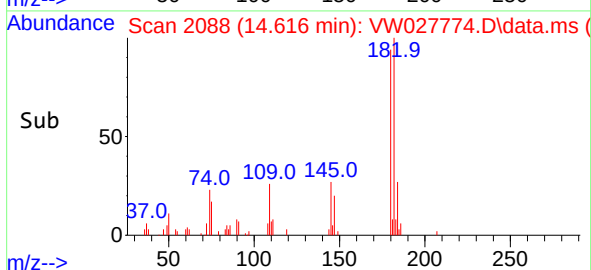
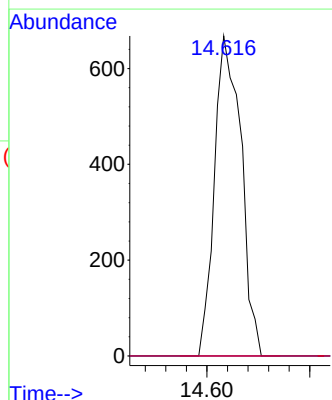
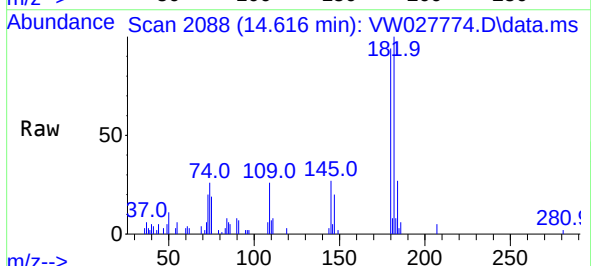


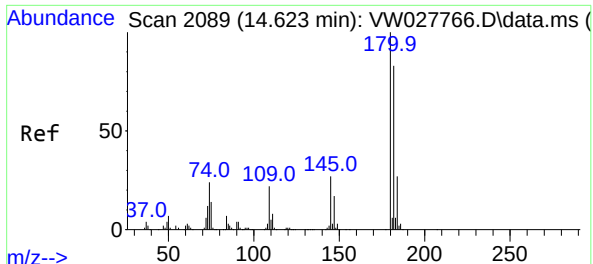
Tgt Ion:146 Resp: 1897
Ion Ratio Lower Upper
146 100
111 54.8 32.1 48.1#
148 69.1 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 3.845 ug/L
RT: 14.616 min Scan# 2088
Delta R.T. 0.140 min
Lab File: VW027774.D
Acq: 19 Dec 2023 13:14

Tgt Ion: 75 Resp: 1195
Ion Ratio Lower Upper
75 100
155 0.0 59.8 89.6#
157 0.0 87.5 131.3#





#69

1,3,5-Trichlorobenzene

Concen: 1.682 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW027774.D

Acq: 19 Dec 2023 13:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 6661

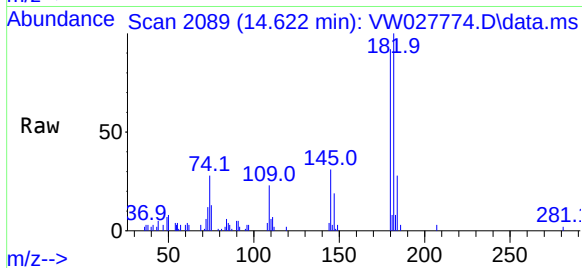
Ion Ratio Lower Upper

180 100

182 99.7 72.6 109.0

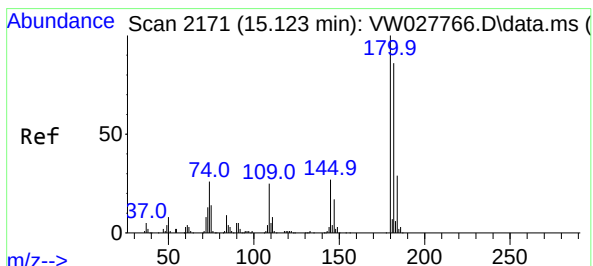
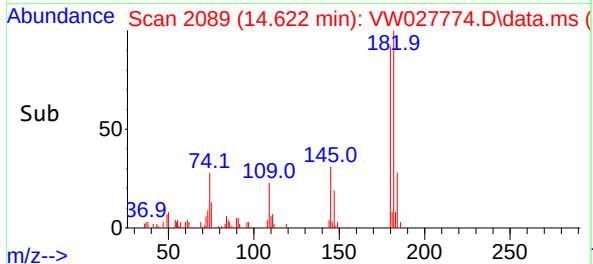
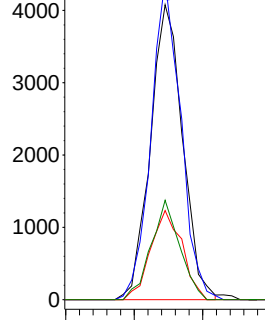
184 29.6 23.0 34.6

145 30.1 23.0 34.6



Abundance

14.622



#70

1,2,4-trichlorobenzene

Concen: 0.418 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027774.D

Acq: 19 Dec 2023 13:14

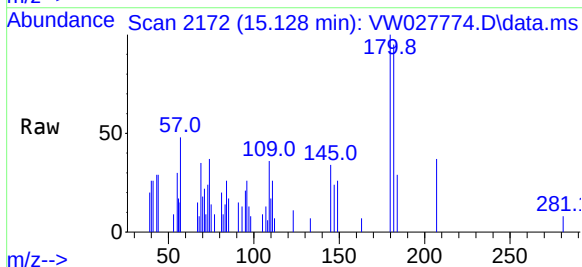
Tgt Ion:180 Resp: 1360

Ion Ratio Lower Upper

180 100

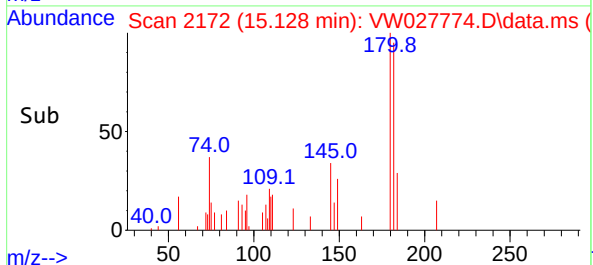
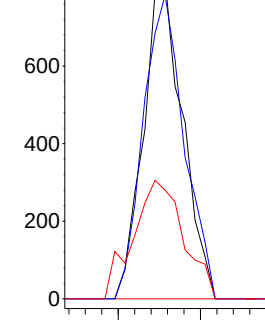
182 99.4 69.7 104.5

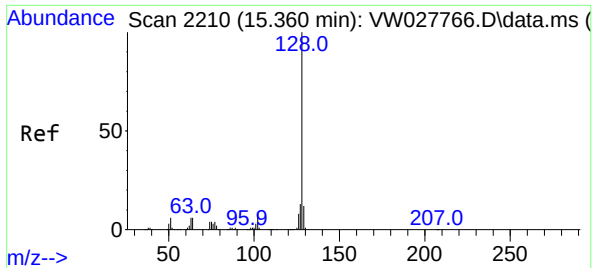
145 47.8 24.1 36.1#



Abundance

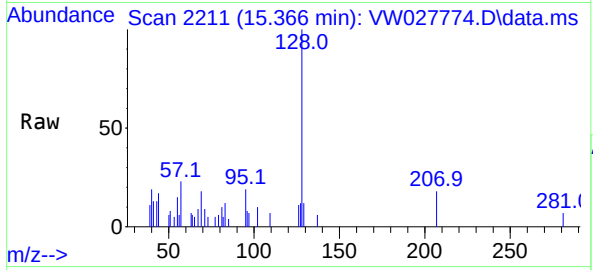
15.128





#71
Naphthalene
Concen: 0.398 ug/L
RT: 15.366 min Scan# 21
Delta R.T. 0.012 min
Lab File: VW027774.D
Acq: 19 Dec 2023 13:14

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 2293

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	10.7	8.6	12.8

