

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031071.D
 Acq On : 20 Nov 2024 13:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 04:20:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 04:10:38 2024
 Response via : Initial Calibration

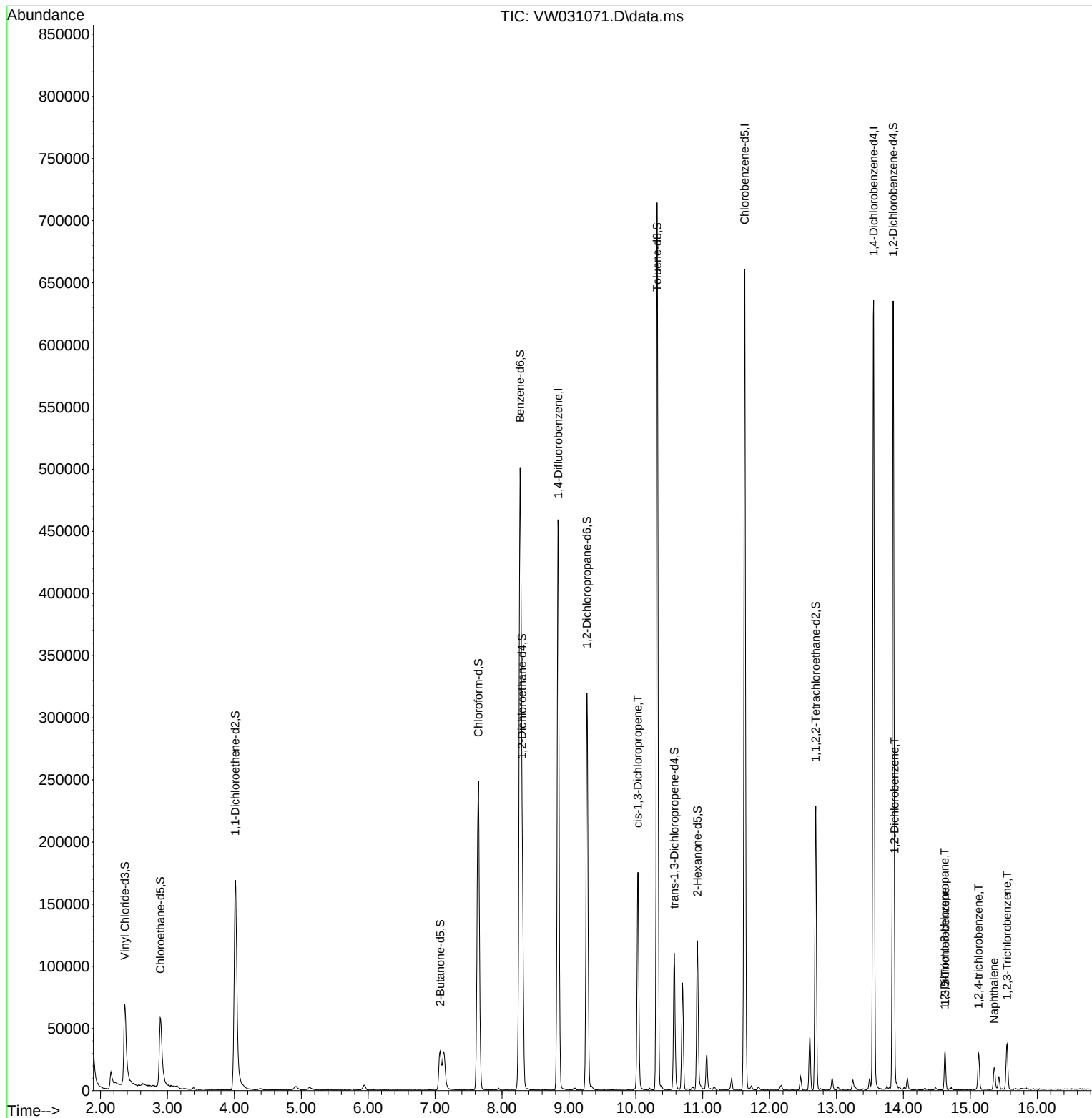
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	394836	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	374935	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173276	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	116132	24.127	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	96.520%	
7) Chloroethane-d5	2.893	69	92271	24.288	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	97.160%	
11) 1,1-Dichloroethene-d2	4.015	65	56216	23.636	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	94.560%	
21) 2-Butanone-d5	7.075	46	54481	49.159	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	98.320%	
24) Chloroform-d	7.648	84	257729	24.030	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	96.120%	
26) 1,2-Dichloroethane-d4	8.301	65	131556	25.104	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	8.270	84	530834	25.001	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	9.270	67	155906	24.902	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	99.600%	
41) Toluene-d8	10.319	98	469208	24.256	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	97.040%	
43) trans-1,3-Dichloroprop...	10.575	79	63159	24.232	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	96.920%	
47) 2-Hexanone-d5	10.922	63	41924	46.592	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	93.180%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	116176	24.363	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	97.440%	
66) 1,2-Dichlorobenzene-d4	13.848	152	170414	28.140	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	112.560%	
Target Compounds						
					Qvalue	
39) cis-1,3-Dichloropropene	10.032	75	4689	0.520	ug/L #	59
67) 1,2-Dichlorobenzene	13.867	146	4405	0.427	ug/L #	79
68) 1,2-Dibromo-3-chloropr...	14.617	75	1800	2.596	ug/L #	4
69) 1,3,5-Trichlorobenzene	14.623	180	10435	1.326	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	10185	1.618	ug/L	98
71) Naphthalene	15.354	128	16842	1.583	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	13043	2.328	ug/L	97

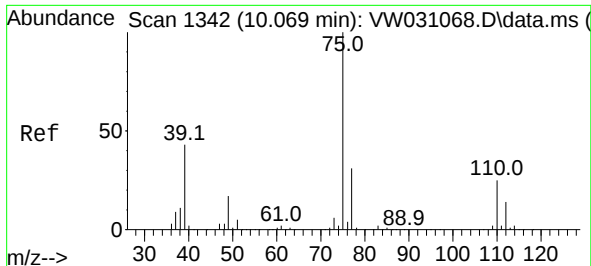
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 21 04:10:38 2024
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 0.520 ug/L

RT: 10.032 min Scan# 14

Delta R.T. -0.037 min

Lab File: VW031071.D

Acq: 20 Nov 2024 13:09

Instrument :

MSVOA_W

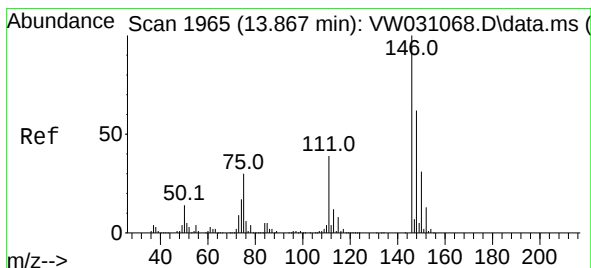
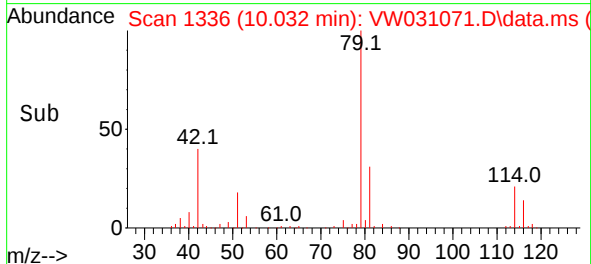
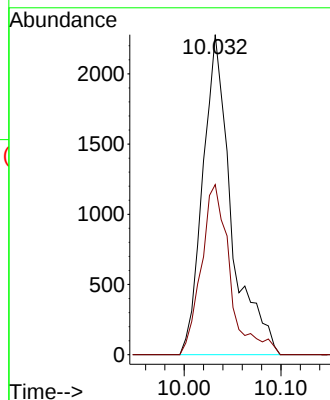
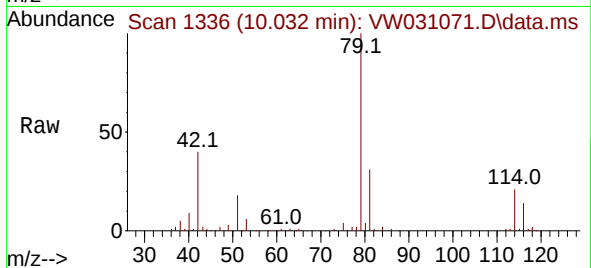
ClientSampleId :

Tgt Ion: 75 Resp: 4689

Ion Ratio Lower Upper

75 100

77 53.2 21.6 40.2#



#67

1,2-Dichlorobenzene

Concen: 0.427 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031071.D

Acq: 20 Nov 2024 13:09

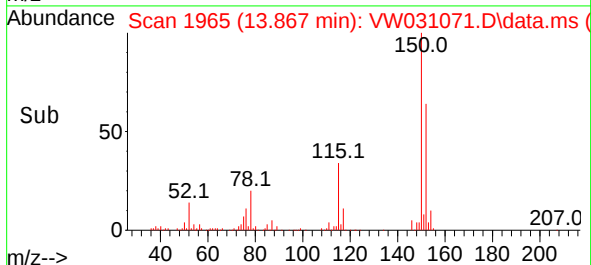
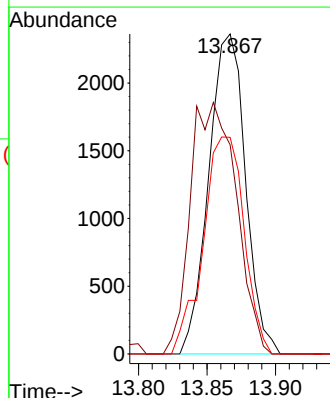
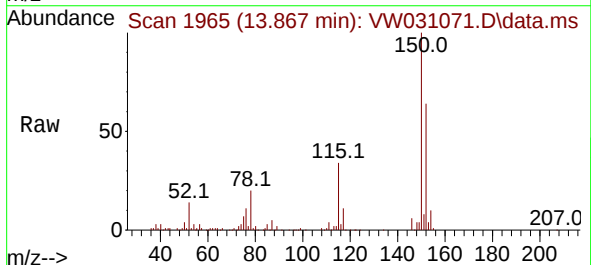
Tgt Ion:146 Resp: 4405

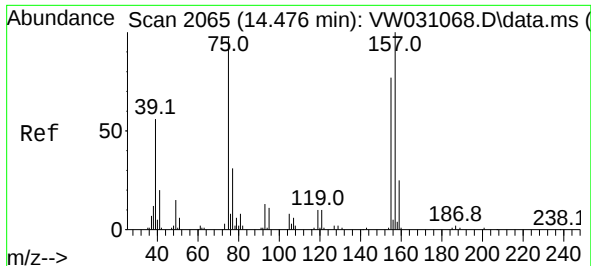
Ion Ratio Lower Upper

146 100

111 65.3 30.9 46.3#

148 67.7 50.0 75.0

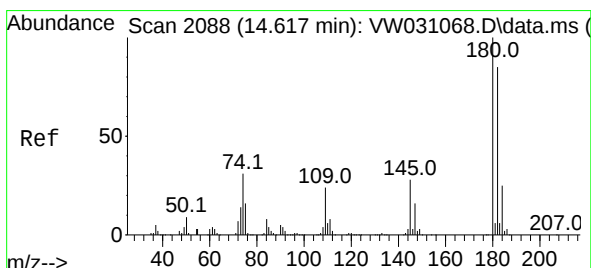
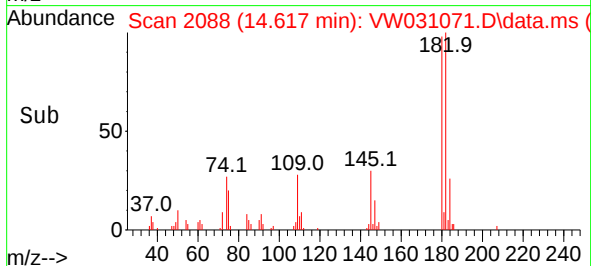
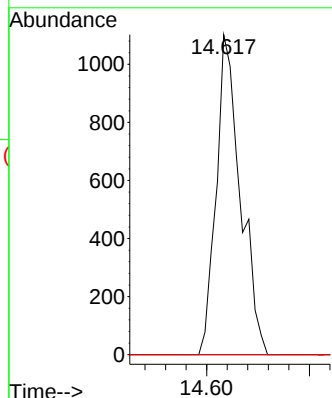
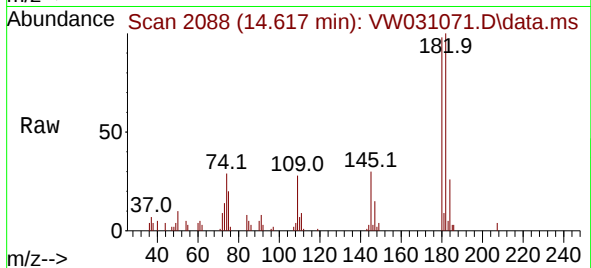




#68
1,2-Dibromo-3-chloropropane
Concen: 2.596 ug/L
RT: 14.617 min Scan# 2088
Delta R.T. 0.140 min
Lab File: VW031071.D
Acq: 20 Nov 2024 13:09

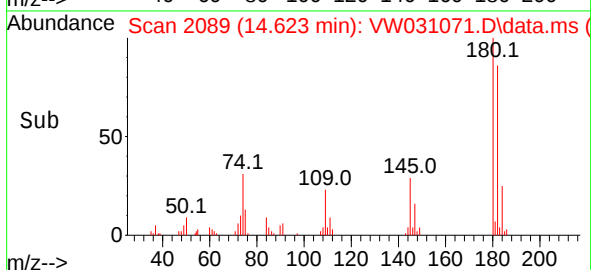
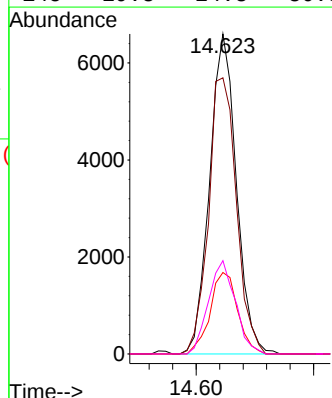
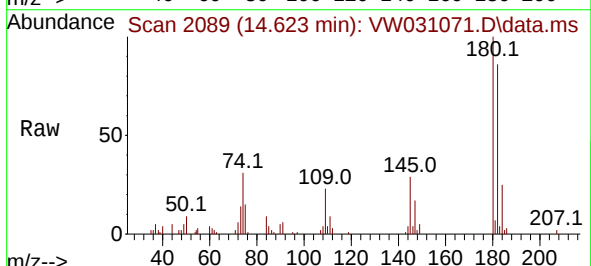
Instrument :
MSVOA_W
ClientSampleId :

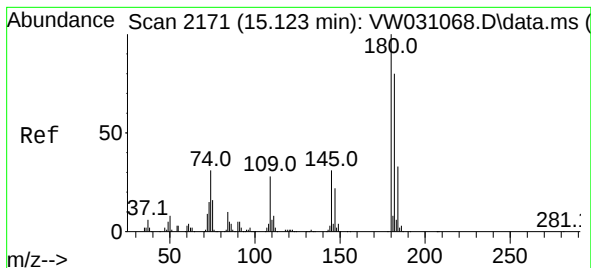
Tgt Ion: 75 Resp: 1800
Ion Ratio Lower Upper
75 100
155 0.0 63.1 94.7#
157 0.0 82.1 123.1#



#69
1,3,5-Trichlorobenzene
Concen: 1.326 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW031071.D
Acq: 20 Nov 2024 13:09

Tgt Ion:180 Resp: 10435
Ion Ratio Lower Upper
180 100
182 90.1 78.2 117.2
184 26.3 24.0 36.0
145 29.3 24.3 36.5





#70

1,2,4-trichlorobenzene

Concen: 1.618 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031071.D

Acq: 20 Nov 2024 13:09

Instrument :

MSVOA_W

ClientSampleId :

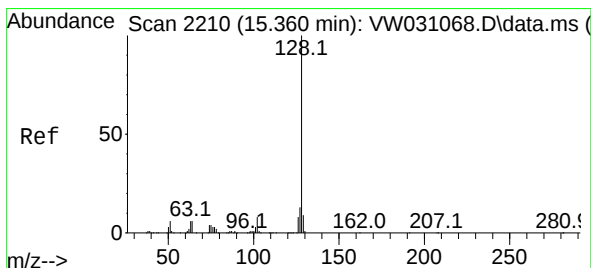
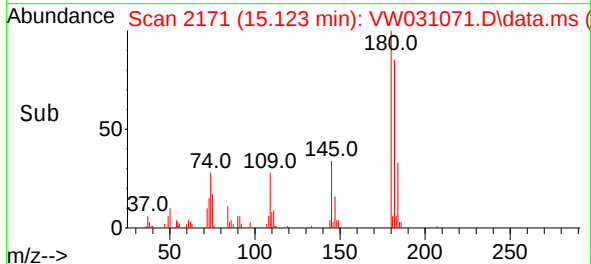
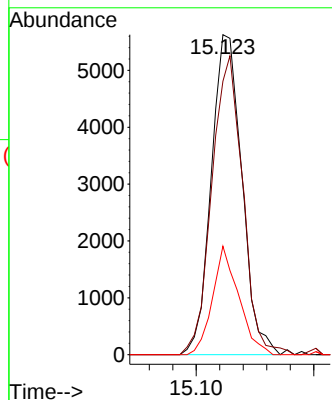
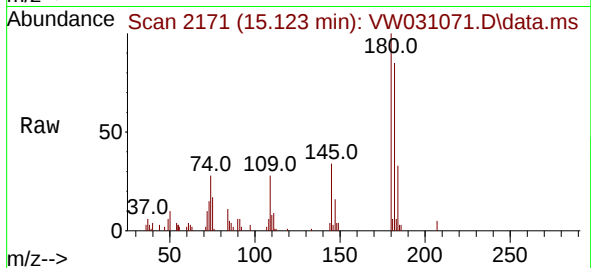
Tgt Ion:180 Resp: 10185

Ion Ratio Lower Upper

180 100

182 94.0 76.1 114.1

145 29.1 25.7 38.5



#71

Naphthalene

Concen: 1.583 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VW031071.D

Acq: 20 Nov 2024 13:09

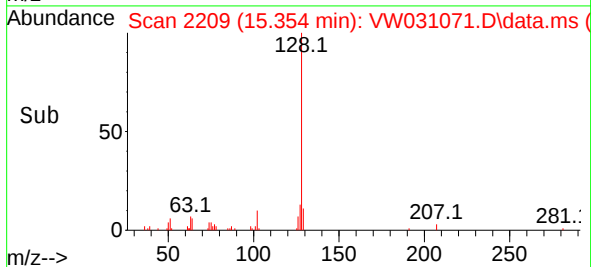
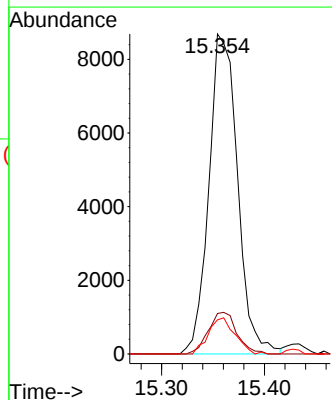
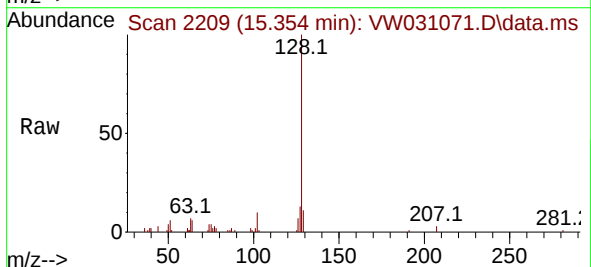
Tgt Ion:128 Resp: 16842

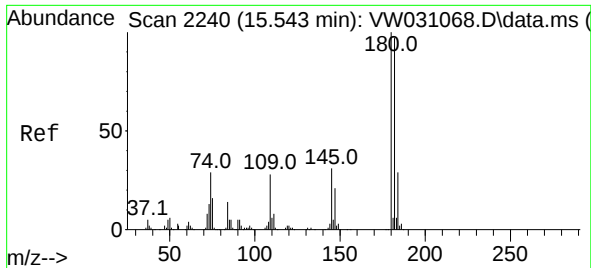
Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

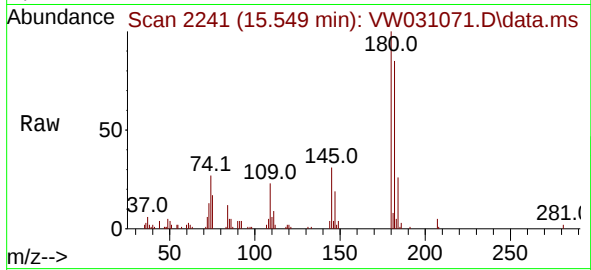
129 10.4 8.3 12.5





#72
 1,2,3-Trichlorobenzene
 Concen: 2.328 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW031071.D
 Acq: 20 Nov 2024 13:09

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	13043
Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.7	118.1
145	32.8	26.3	39.5

