

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120424\
 Data File : VW031125.D
 Acq On : 04 Dec 2024 11:03
 Operator : SY/MD
 Sample : VIBLK572
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 05 02:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 05 01:31:20 2024
 Response via : Initial Calibration

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

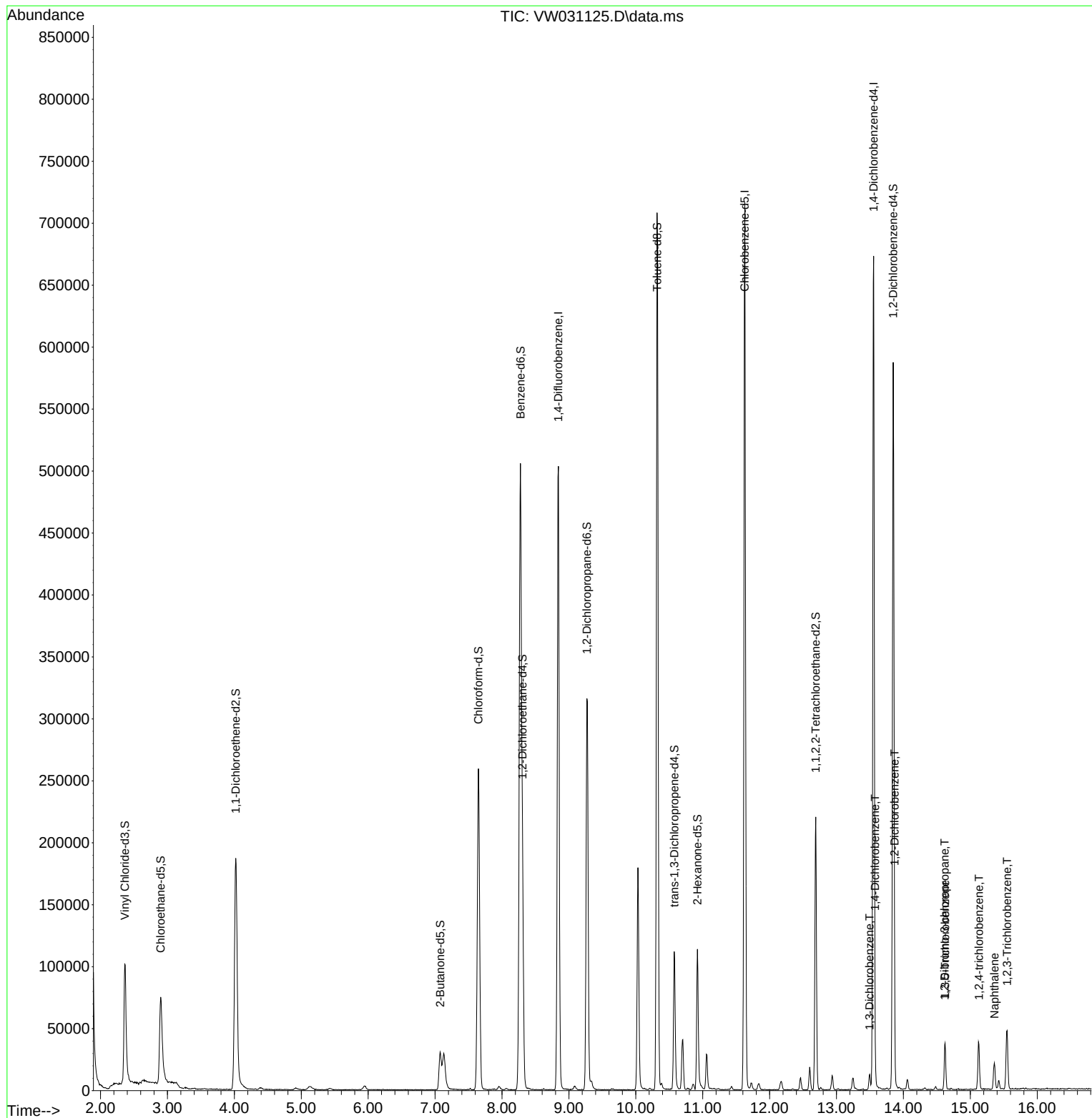
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	417312	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	381884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	136738	21.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
7) Chloroethane-d5	2.899	69	108866	21.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	4.021	65	61226	20.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.600%
21) 2-Butanone-d5	7.075	46	52579	46.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.620%
24) Chloroform-d	7.648	84	255984	20.944	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.760%
26) 1,2-Dichloroethane-d4	8.307	65	137046	22.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.160%
32) Benzene-d6	8.276	84	516739	22.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.080%
36) 1,2-Dichloropropane-d6	9.270	67	149873	21.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.200%
41) Toluene-d8	10.319	98	466331	22.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.575	79	63289	22.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.922	63	37877	47.023	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105956	22.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	143574	23.663	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%
Target Compounds						
					Qvalue	
64) 1,3-Dichlorobenzene	13.495	146	4596	0.382	ug/L	85
65) 1,4-Dichlorobenzene	13.574	146	5487	0.452	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	5464	0.519	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.617	75	2207	3.184	ug/L #	4
69) 1,3,5-Trichlorobenzene	14.623	180	11239	1.375	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	11769	1.837	ug/L	97
71) Naphthalene	15.360	128	18436	1.786	ug/L #	91
72) 1,2,3-Trichlorobenzene	15.549	180	15420	2.812	ug/L	100

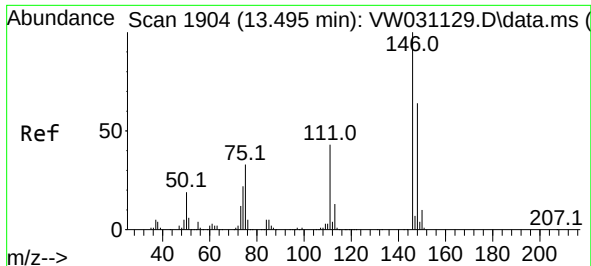
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

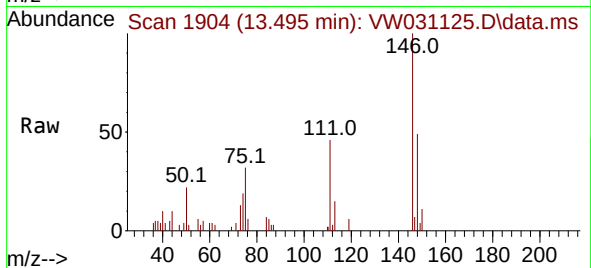
Quant Time: Dec 05 02:40:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 05 01:31:20 2024
Response via : Initial Calibration



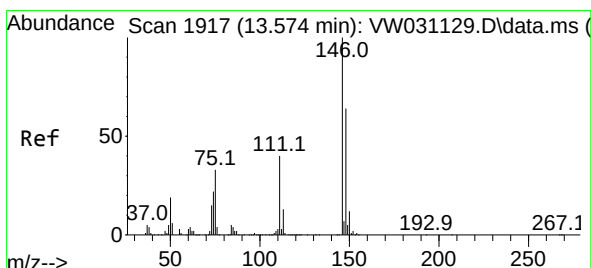
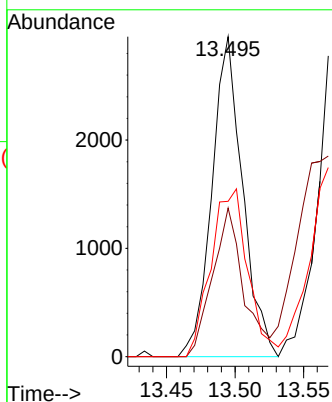
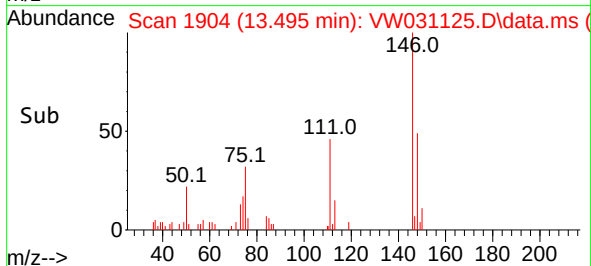


#64
1,3-Dichlorobenzene
Concen: 0.382 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031125.D
Acq: 04 Dec 2024 11:03

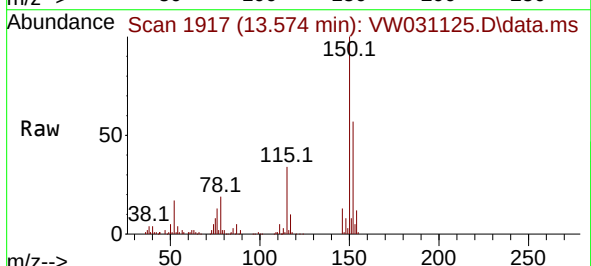
Instrument :
MSVOA_W
ClientSampleId :



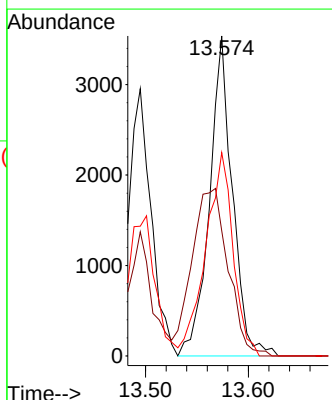
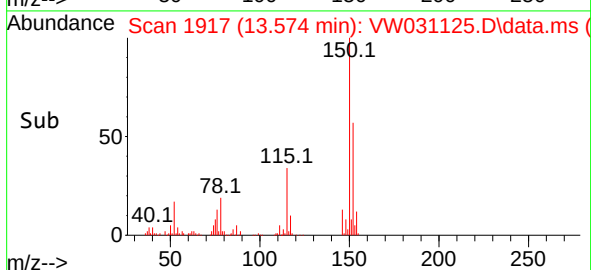
Tgt Ion:146 Resp: 4596
Ion Ratio Lower Upper
146 100
111 46.5 28.5 52.9
148 48.5 44.1 81.9

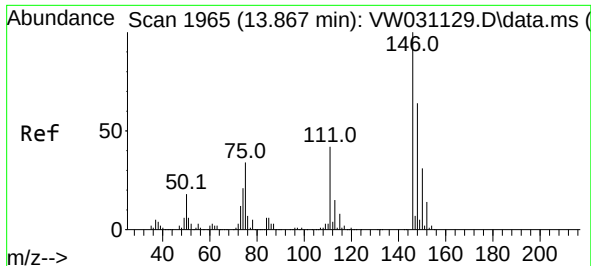


#65
1,4-Dichlorobenzene
Concen: 0.452 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031125.D
Acq: 04 Dec 2024 11:03



Tgt Ion:146 Resp: 5487
Ion Ratio Lower Upper
146 100
111 39.1 26.6 49.4
148 63.5 42.1 78.1





#67

1,2-Dichlorobenzene

Concen: 0.519 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031125.D

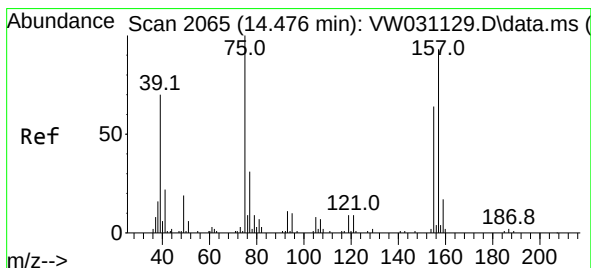
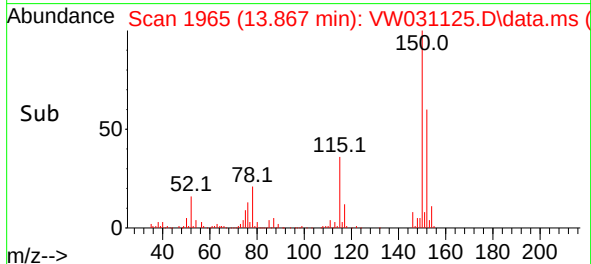
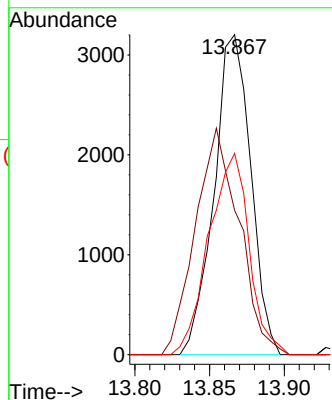
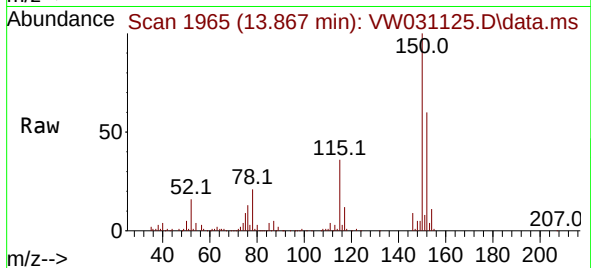
Acq: 04 Dec 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	5464
Ion	Ratio	Lower	Upper
146	100		
111	45.1	30.9	46.3
148	62.9	50.0	75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 3.184 ug/L

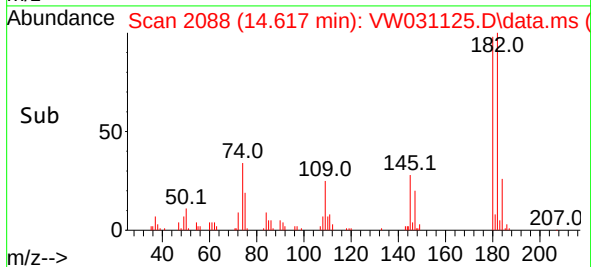
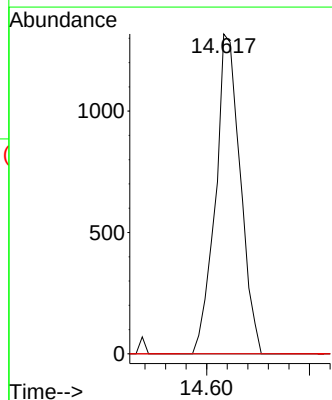
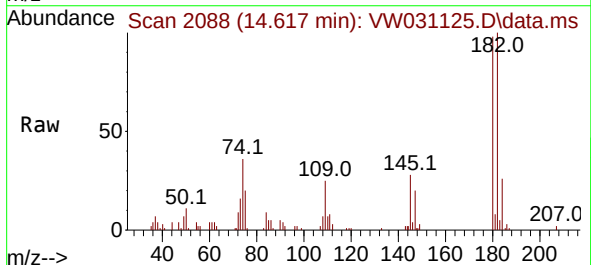
RT: 14.617 min Scan# 2088

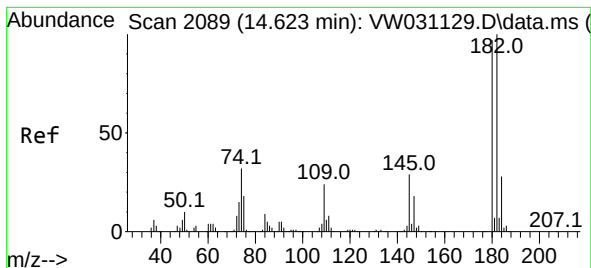
Delta R.T. 0.140 min

Lab File: VW031125.D

Acq: 04 Dec 2024 11:03

Tgt Ion:	75	Resp:	2207
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: 1.375 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

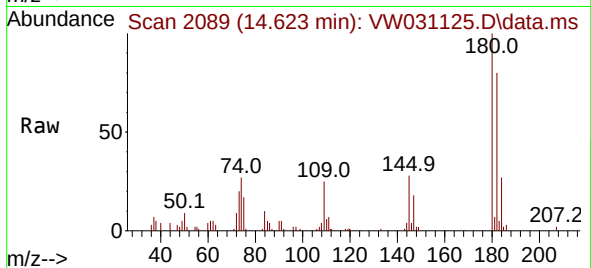
Lab File: VW031125.D

Acq: 04 Dec 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 11239

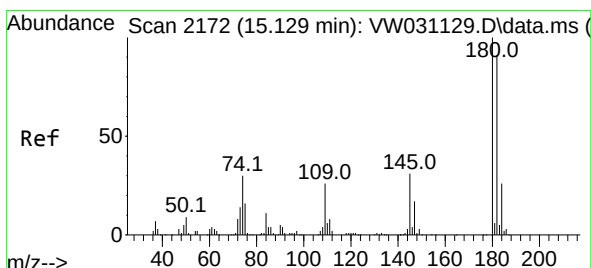
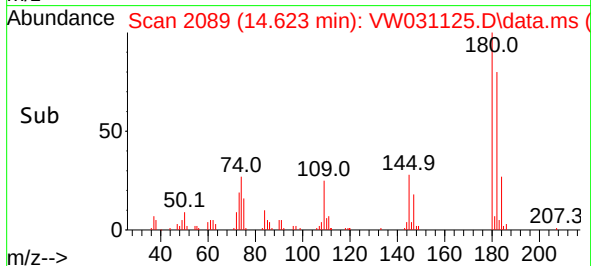
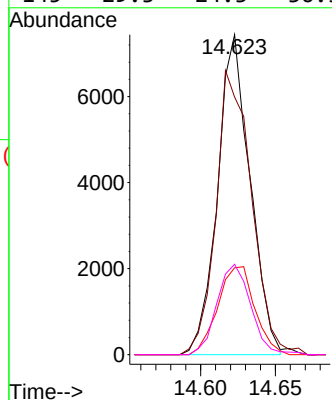
Ion Ratio Lower Upper

180 100

182 96.8 78.2 117.2

184 31.3 24.0 36.0

145 29.3 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 1.837 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031125.D

Acq: 04 Dec 2024 11:03

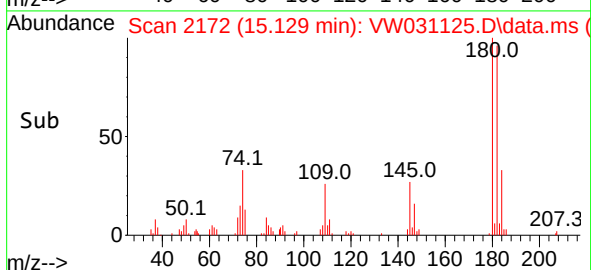
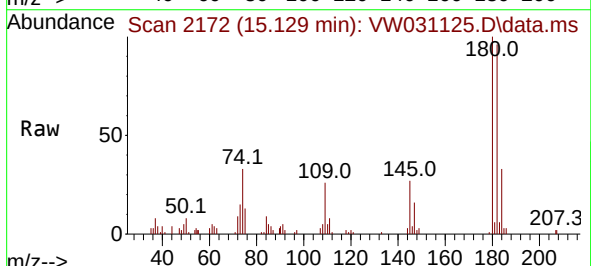
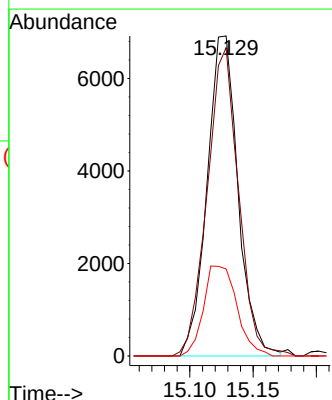
Tgt Ion:180 Resp: 11769

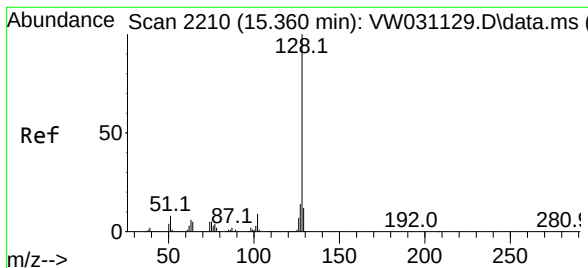
Ion Ratio Lower Upper

180 100

182 97.4 76.1 114.1

145 30.4 25.7 38.5





#71

Naphthalene

Concen: 1.786 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

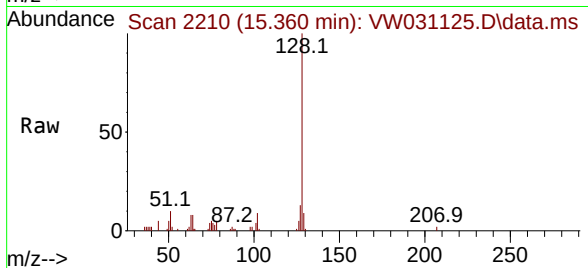
Lab File: VW031125.D

Acq: 04 Dec 2024 11:03

Instrument :

MSVOA_W

ClientSampleId :



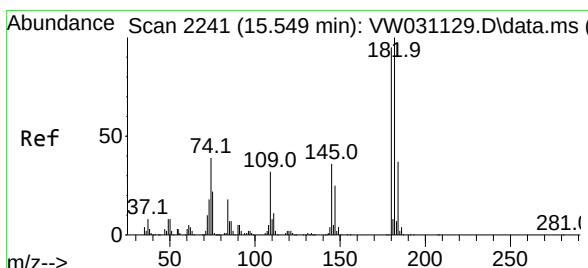
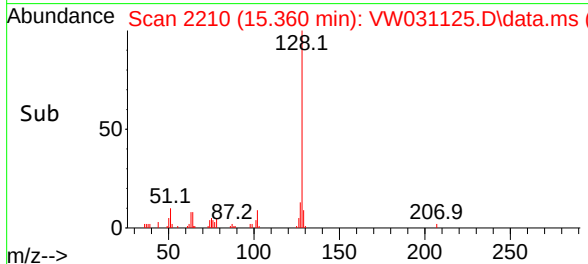
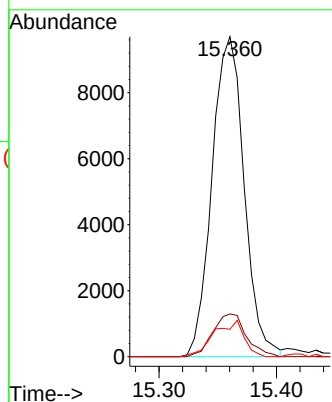
Tgt Ion:128 Resp: 18436

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 3.9 8.3 12.5#



#72

1,2,3-Trichlorobenzene

Concen: 2.812 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031125.D

Acq: 04 Dec 2024 11:03

Tgt Ion:180 Resp: 15420

Ion Ratio Lower Upper

180 100

182 98.8 78.7 118.1

145 33.1 26.3 39.5

