

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031234.D
 Acq On : 25 May 2023 15:32
 Operator : SY/MD
 Sample : VIBLK296
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK296

Quant Time: May 26 06:53:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

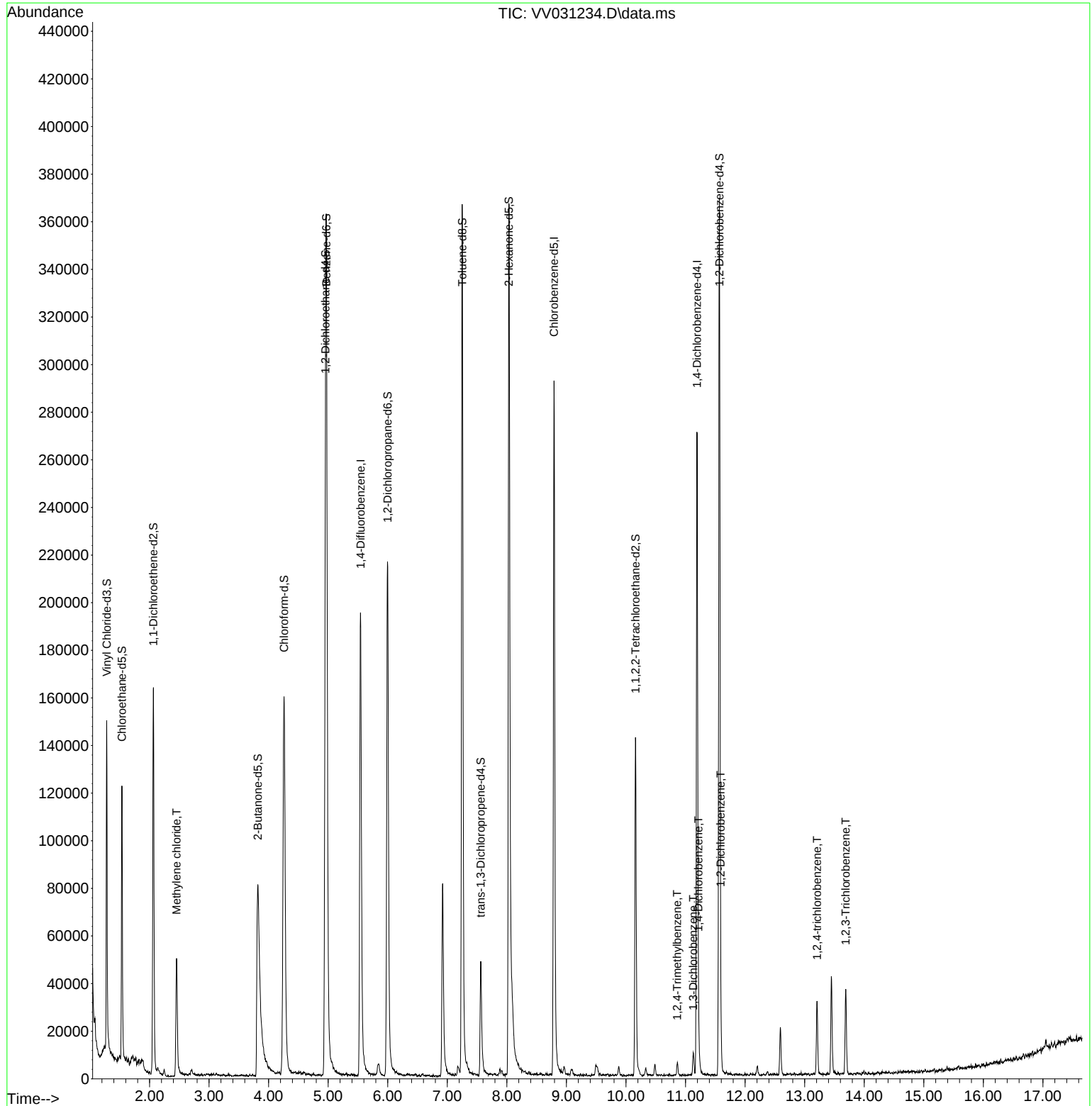
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	161488	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	148966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	67072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	91781	5.128	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.535	69	73523	5.266	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.400%		
11) 1,1-Dichloroethene-d2	2.063	65	27625	3.734	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 74.600%		
20) 2-Butanone-d5	3.818	46	196308	50.961	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.920%		
24) Chloroform-d	4.259	84	174951	4.929	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.600%		
26) 1,2-Dichloroethane-d4	4.953	65	89048	5.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.600%		
32) Benzene-d6	4.966	84	318422	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	5.998	67	108825	5.228	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.600%		
41) Toluene-d8	7.249	98	242570	4.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.200%		
43) trans-1,3-Dichloroprop...	7.561	79	30107	4.498	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.000%		
46) 2-Hexanone-d5	8.034	63	138841	50.802	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 101.600%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	69898	4.758	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.200%		
66) 1,2-Dichlorobenzene-d4	11.567	152	89261	5.672	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.400%		
Target Compounds						
16) Methylene chloride	2.455	84	19226	1.019	ug/L	95
63) 1,2,4-Trimethylbenzene	10.857	105	3282	0.081	ug/L	96
64) 1,3-Dichlorobenzene	11.127	146	3657	0.158	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	4645	0.196	ug/L	96
67) 1,2-Dichlorobenzene	11.590	146	4291	0.193	ug/L #	89
70) 1,2,4-trichlorobenzene	13.210	180	8956	0.596	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	10232	0.792	ug/L	96

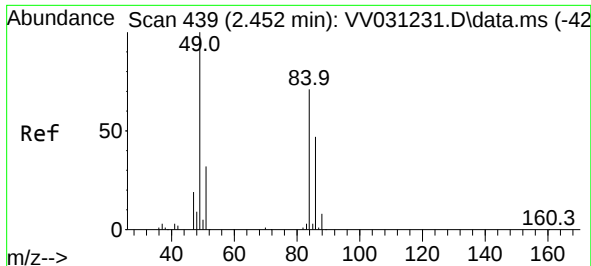
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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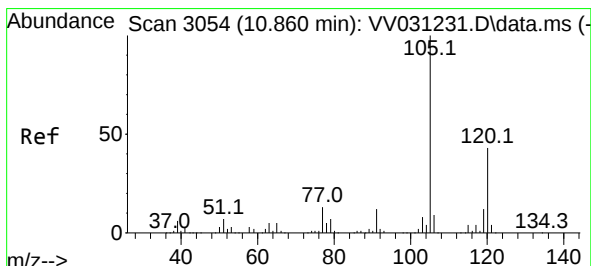
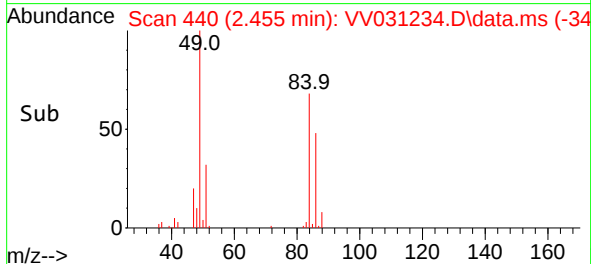
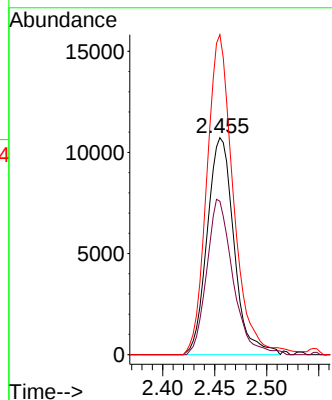
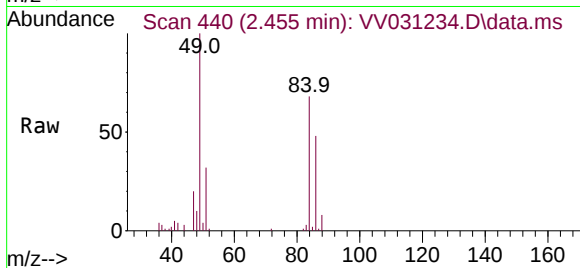




#16
Methylene chloride
Concen: 1.019 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031234.D
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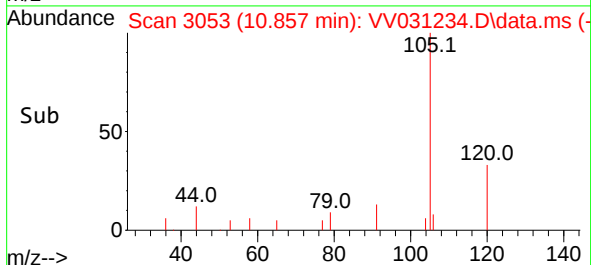
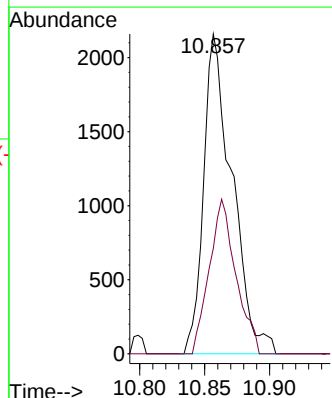
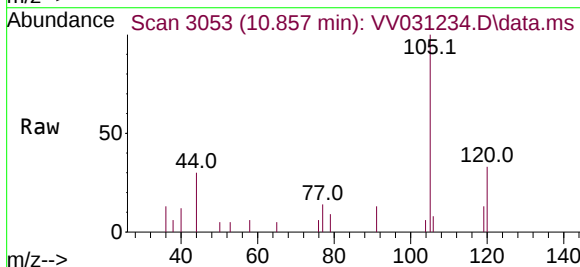
Instrument :
MSVOA_V
ClientSampleId :
VIBLK296

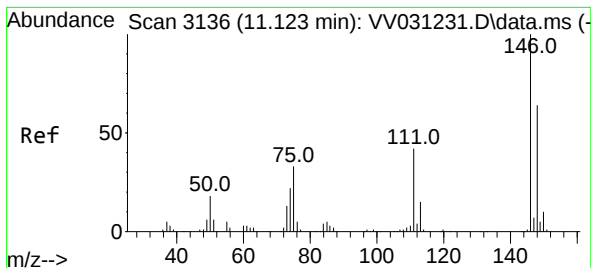
Tgt Ion: 84 Resp: 19226
Ion Ratio Lower Upper
84 100
86 70.8 46.8 86.8
49 147.6 98.8 183.4



#63
1,2,4-Trimethylbenzene
Concen: 0.081 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

Tgt Ion: 105 Resp: 3282
Ion Ratio Lower Upper
105 100
120 45.3 34.4 51.6





#64

1,3-Dichlorobenzene

Concen: 0.158 ug/L

RT: 11.127 min Scan# 3136

Delta R.T. 0.003 min

Lab File: VV031234.D

Acq: 25 May 2023 15:32

Instrument :

MSVOA_V

ClientSampleId :

VIBLK296

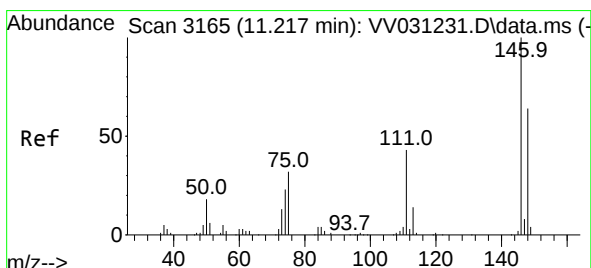
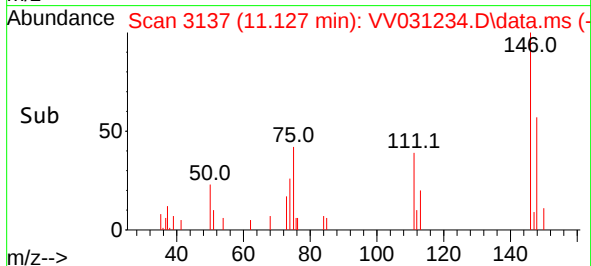
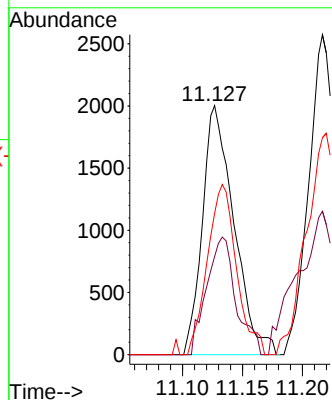
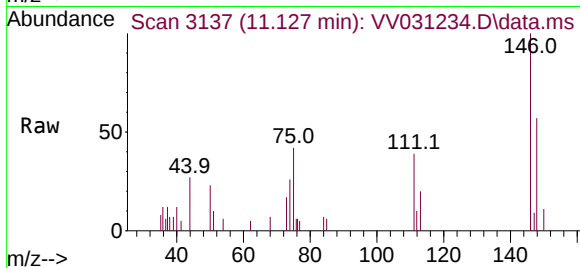
Tgt Ion:146 Resp: 3657

Ion Ratio Lower Upper

146 100

111 39.4 29.5 54.9

148 56.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 0.196 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV031234.D

Acq: 25 May 2023 15:32

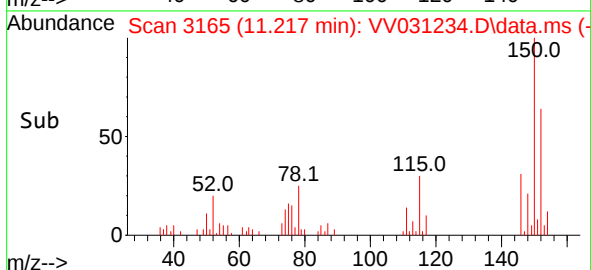
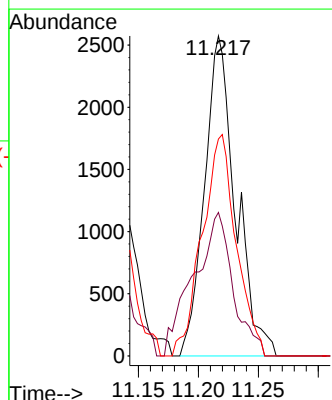
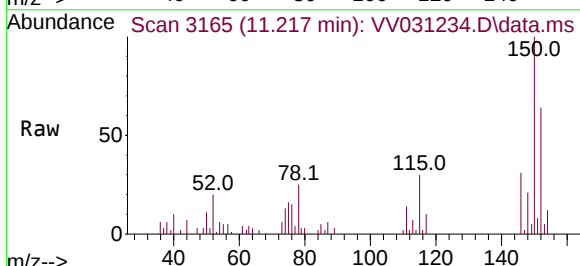
Tgt Ion:146 Resp: 4645

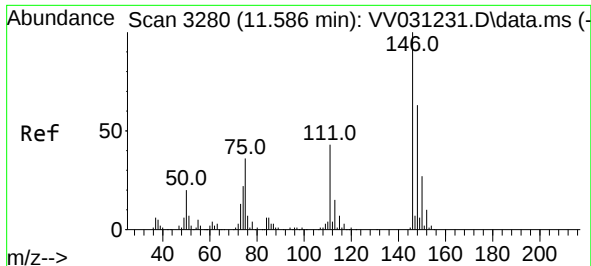
Ion Ratio Lower Upper

146 100

111 44.8 30.4 56.5

148 67.8 44.9 83.3

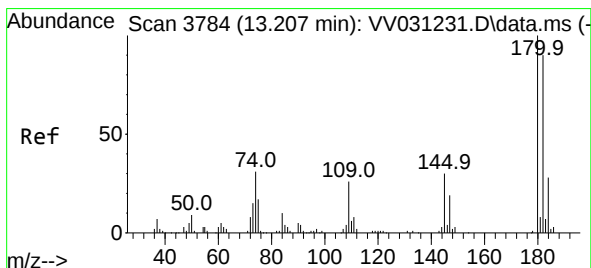
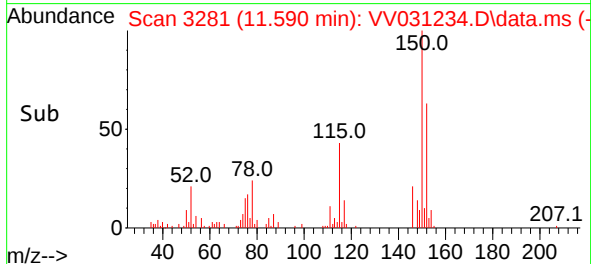
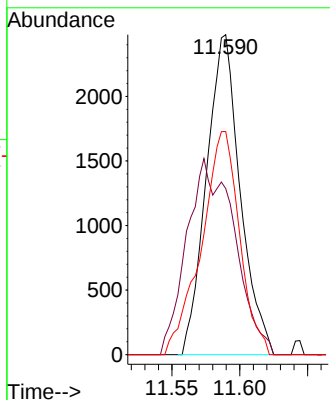
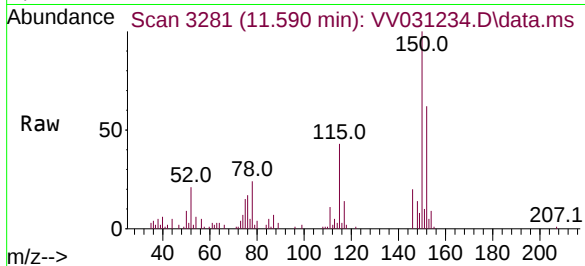




#67
1,2-Dichlorobenzene
Concen: 0.193 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

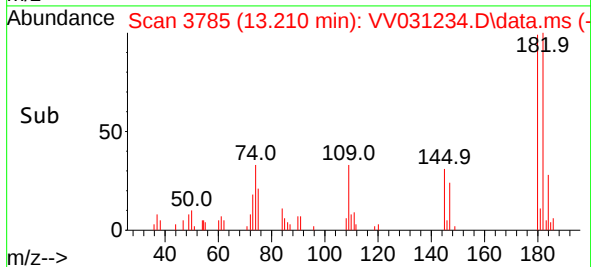
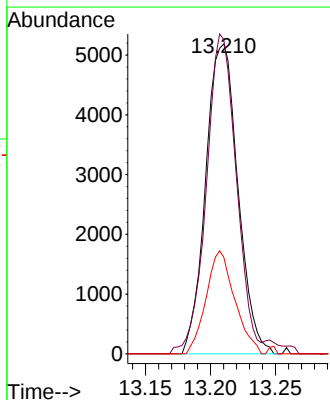
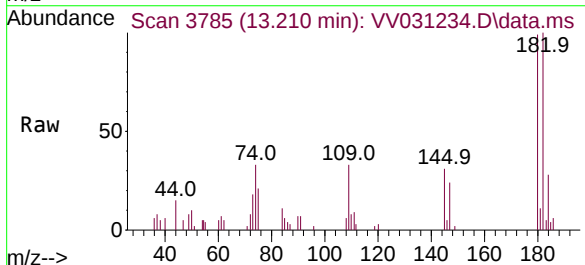
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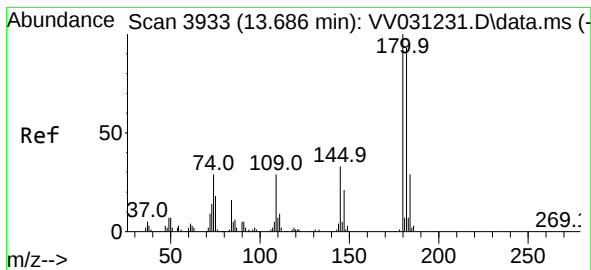
Tgt Ion:146 Resp: 4291
Ion Ratio Lower Upper
146 100
111 51.9 34.3 51.5#
148 69.7 50.2 75.2



#70
1,2,4-trichlorobenzene
Concen: 0.596 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV031234.D
Acq: 25 May 2023 15:32

Tgt Ion:180 Resp: 8956
Ion Ratio Lower Upper
180 100
182 95.9 74.8 112.2
145 29.6 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 0.792 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031234.D

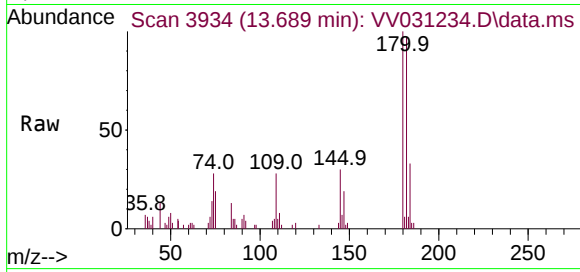
Acq: 25 May 2023 15:32

Instrument :

MSVOA_V

ClientSampleId :

VIBLK296



Tgt Ion:180 Resp: 10232

Ion Ratio Lower Upper

180 100

182 100.8 77.6 116.4

145 31.8 26.9 40.3

