

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041323\
 Data File : VV030550.D
 Acq On : 13 Apr 2023 17:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK287

Quant Time: Apr 14 05:22:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

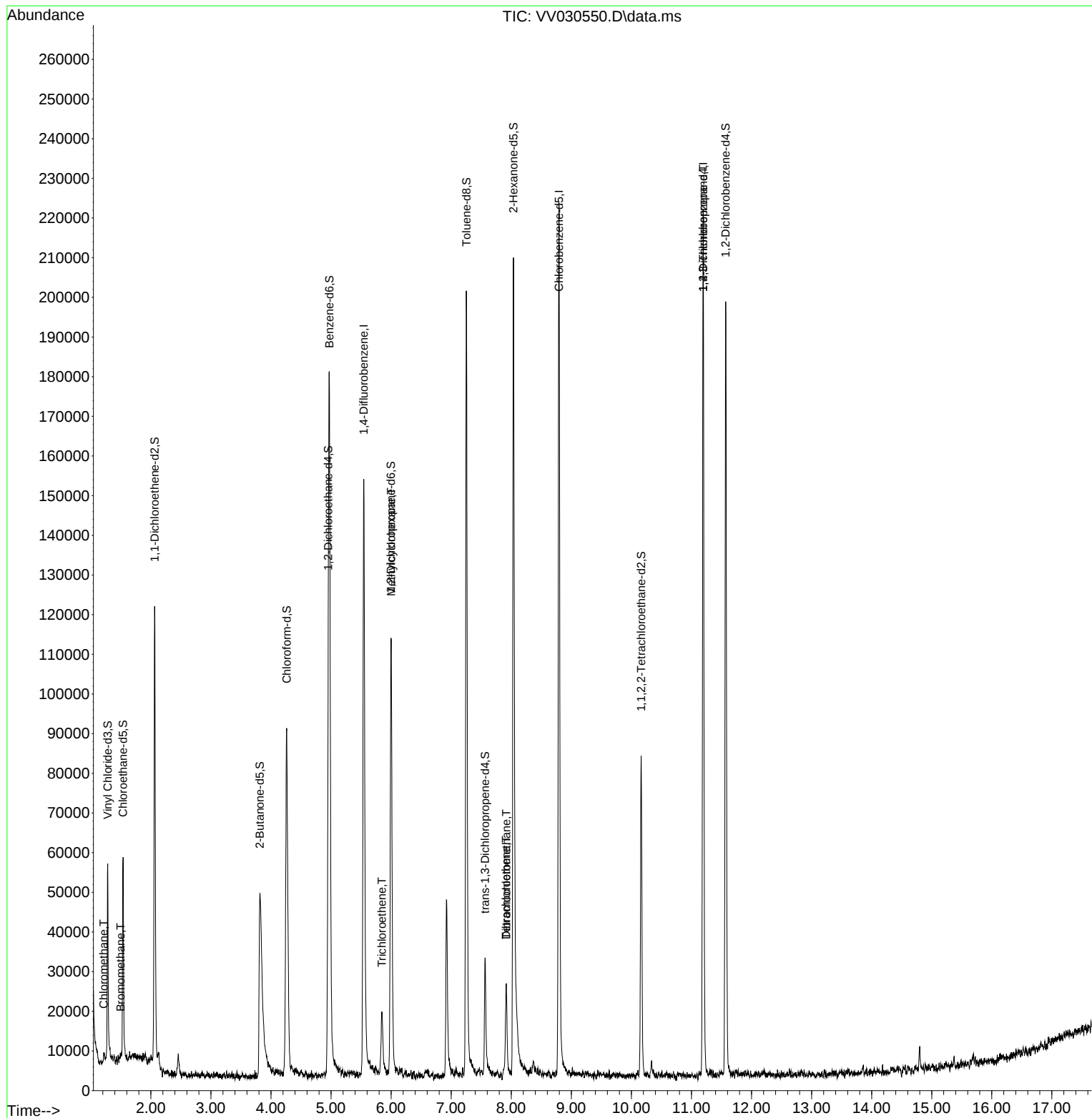
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	126251	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	121428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32656	3.905	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.200%	
7) Chloroethane-d5	1.536	69	32631	4.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.063	63	61864	3.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	3.815	46	95944	44.393	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.780%	
24) Chloroform-d	4.262	84	87168	4.307	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	4.953	65	45962	4.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	4.973	84	152694	4.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	5.998	67	49120	4.585	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.252	98	130563	4.155	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	7.564	79	17329	4.296	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.000%	
46) 2-Hexanone-d5	8.037	63	72515	44.742	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.480%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37255	4.412	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.200%	
66) 1,2-Dichlorobenzene-d4	11.571	152	48744	4.755	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2180	0.108	ug/L #	80
6) Bromomethane	1.497	94	736	0.175	ug/L	82
34) Trichloroethene	5.847	95	5338	0.459	ug/L	86
35) Methylcyclohexane	6.002	83	12942	0.709	ug/L #	16
47) Tetrachloroethene	7.915	164	5456	0.531	ug/L	92
49) Dibromochloromethane	7.918	129	4656	0.502	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6822	1.330	ug/L #	65

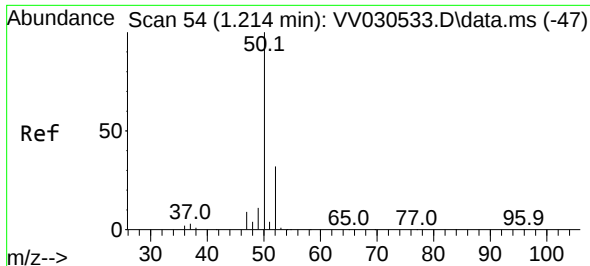
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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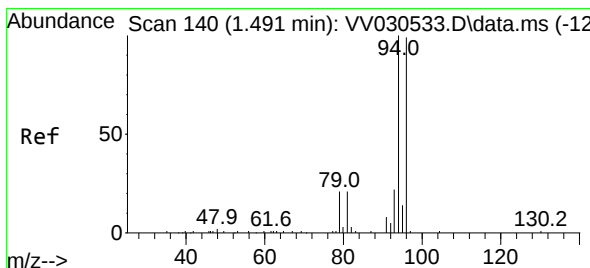
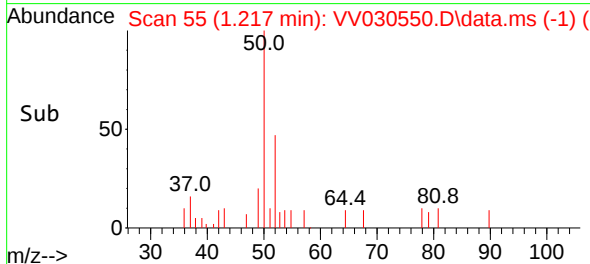
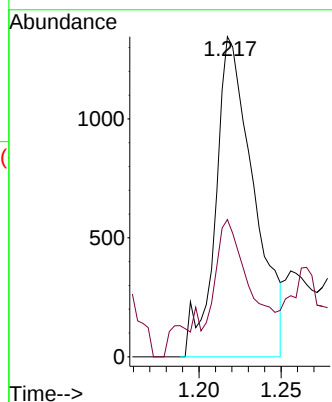
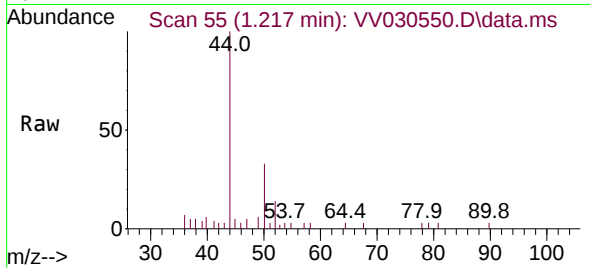




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030550.D
Acq: 13 Apr 2023 17:09

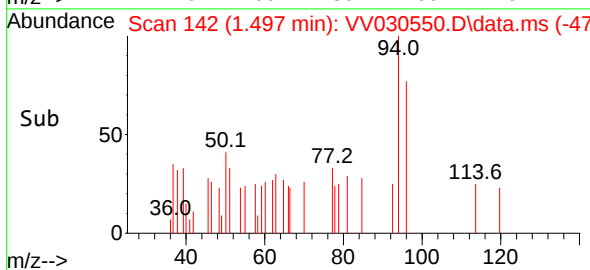
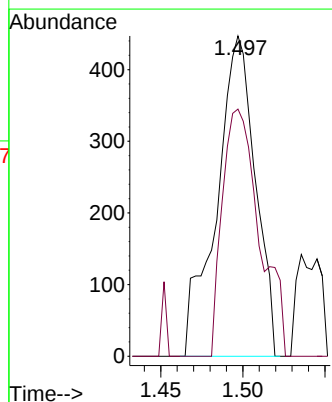
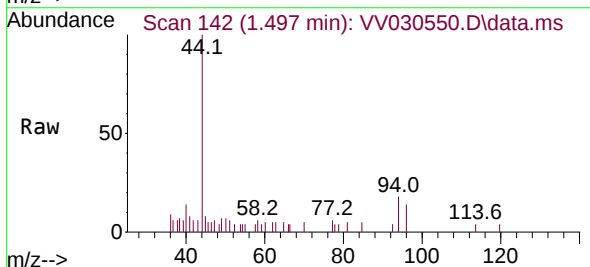
Instrument :
MSVOA_V
ClientSampleId :
VIBLK287

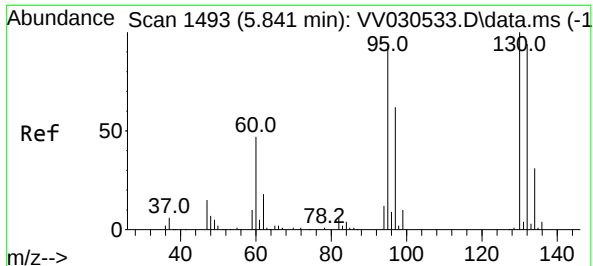
Tgt Ion: 50 Resp: 2180
Ion Ratio Lower Upper
50 100
52 42.9 22.3 41.5#



#6
Bromomethane
Concen: 0.175 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030550.D
Acq: 13 Apr 2023 17:09

Tgt Ion: 94 Resp: 736
Ion Ratio Lower Upper
94 100
96 77.2 66.1 122.7



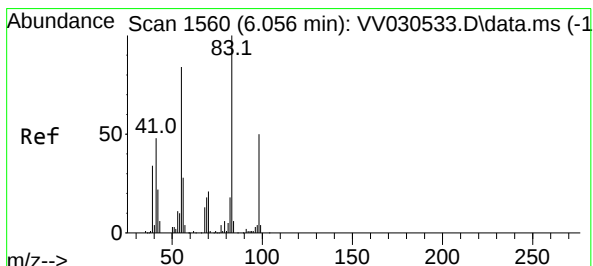
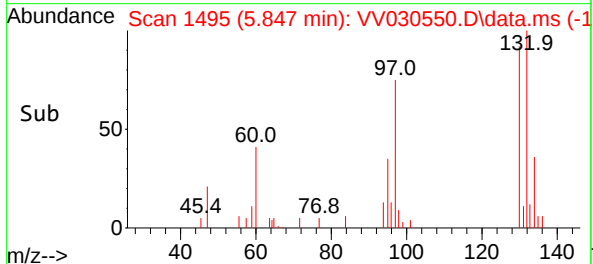
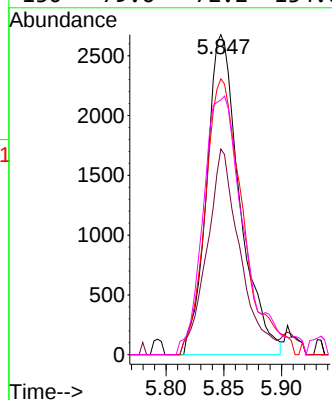
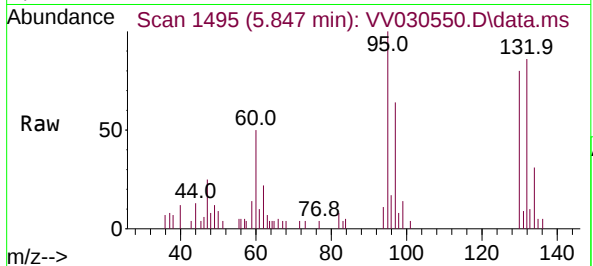


#34
Trichloroethene
Concen: 0.459 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV030550.D
Acq: 13 Apr 2023 17:09

Instrument :
MSVOA_V
ClientSampleId :
VIBLK287

Tgt Ion: 95 Resp: 5338

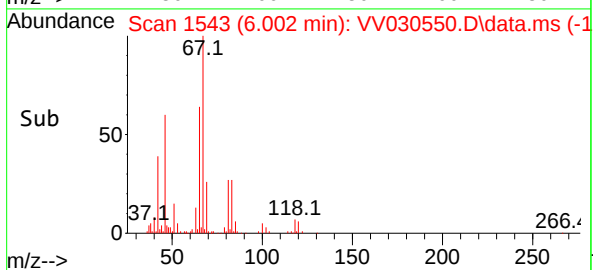
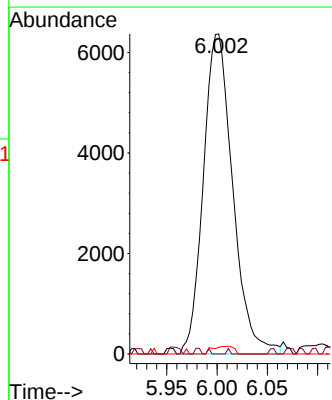
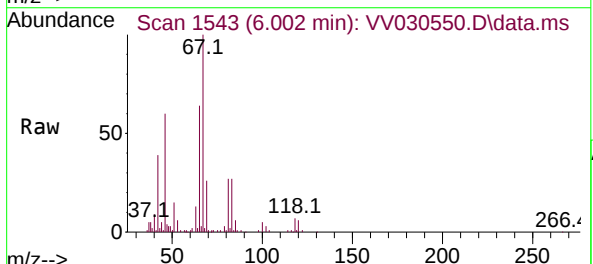
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.2	82.2
132	86.2	69.5	129.1
130	79.6	72.2	134.0

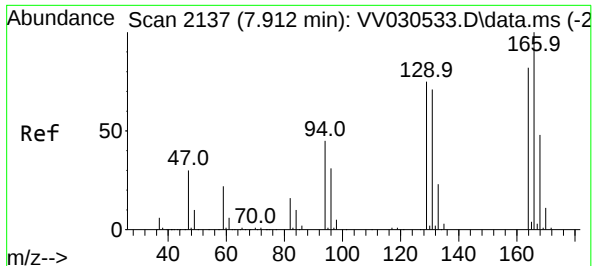


#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.055 min
Lab File: VV030550.D
Acq: 13 Apr 2023 17:09

Tgt Ion: 83 Resp: 12942

Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.6	100.0#
98	1.8	38.6	58.0#





#47

Tetrachloroethene

Concen: 0.531 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV030550.D

Acq: 13 Apr 2023 17:09

Instrument :

MSVOA_V

ClientSampleId :

VIBLK287

Tgt Ion:164 Resp: 5456

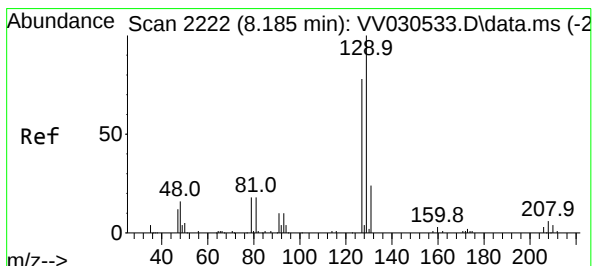
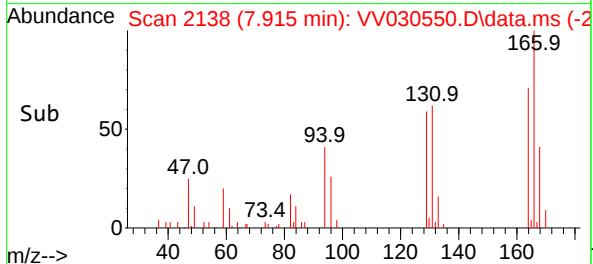
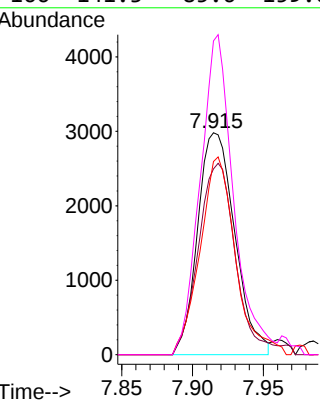
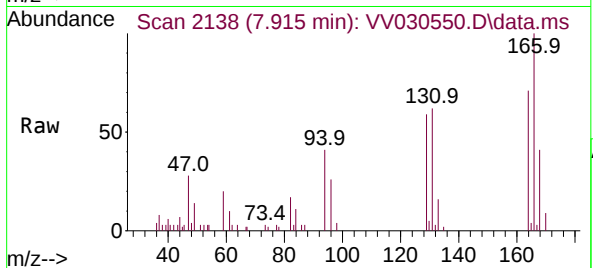
Ion Ratio Lower Upper

164 100

129 83.7 60.8 112.8

131 87.0 61.7 114.7

166 141.3 85.6 159.0



#49

Dibromochloromethane

Concen: 0.502 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.267 min

Lab File: VV030550.D

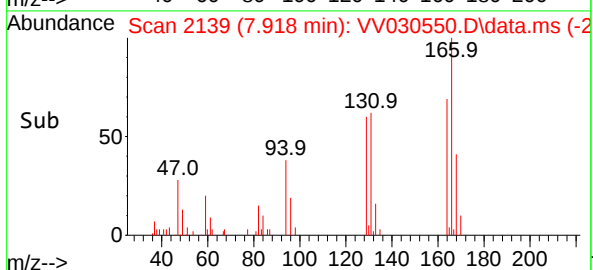
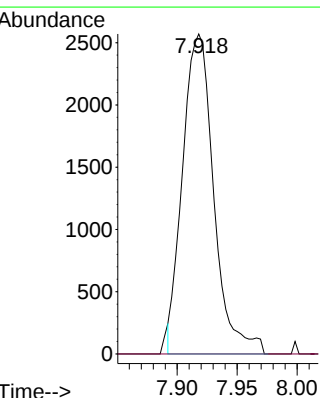
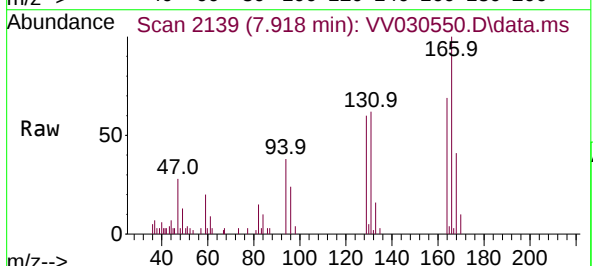
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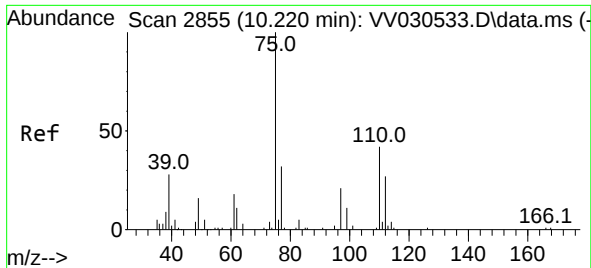
Tgt Ion:129 Resp: 4656

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.330 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.974 min
 Lab File: VV030550.D
 Acq: 13 Apr 2023 17:09

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Tgt Ion: 75 Resp: 6822
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.0 39.0
 110 4.0 31.6 47.4#

