

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
 Data File : VV025999.D
 Acq On : 06 Jun 2022 14:02
 Operator : SY/MD
 Sample : N3171-12
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 07 02:28:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

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

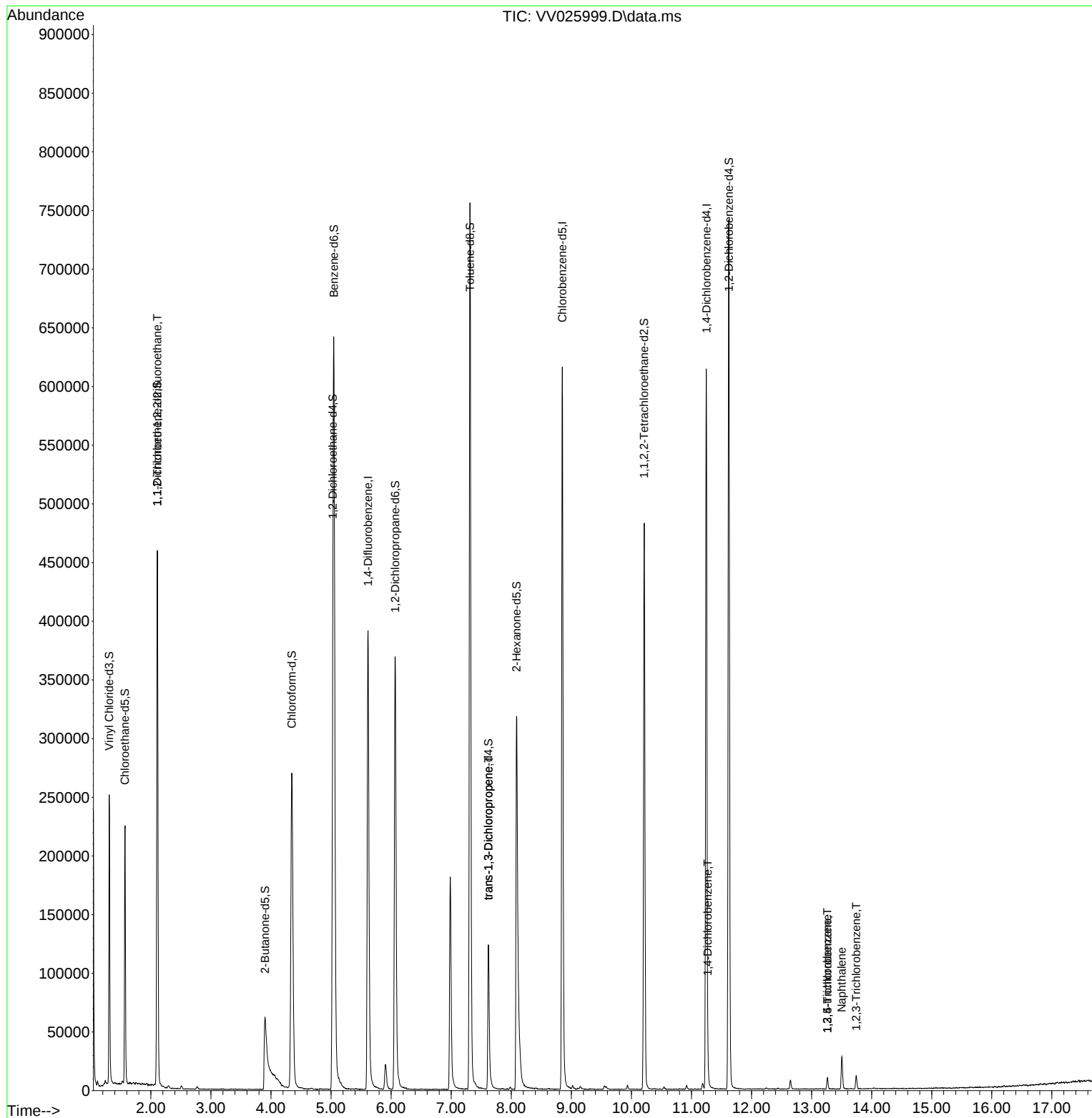
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	345468	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	346241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	162004	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	162675	36.486	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	72.980%	
7) Chloroethane-d5	1.568	69	138909	35.477	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	70.960%	
11) 1,1-Dichloroethene-d2	2.108	63	239620	30.729	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.460%	
21) 2-Butanone-d5	3.902	46	132853	69.520	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	69.520%	
24) Chloroform-d	4.346	84	287799	46.214	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.420%	
26) 1,2-Dichloroethane-d4	5.031	65	169382	45.004	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.000%	
32) Benzene-d6	5.047	84	574877	47.627	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.260%	
36) 1,2-Dichloropropane-d6	6.066	67	185569	50.055	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.100%	
41) Toluene-d8	7.314	98	510083	45.865	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.740%	
43) trans-1,3-Dichloroprop...	7.619	79	74001	44.716	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.440%	
47) 2-Hexanone-d5	8.088	63	130380	95.925	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	236353	47.807	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.620%	
66) 1,2-Dichlorobenzene-d4	11.622	152	190648	53.648	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.300%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2475	0.746	ug/L	# 29
44) trans-1,3-Dichloropropene	7.619	75	3628	0.903	ug/L	91
65) 1,4-Dichlorobenzene	11.272	146	3407	0.633	ug/L	90
69) 1,3,5-Trichlorobenzene	13.265	180	3268	0.921	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	3268	1.082	ug/L	97
71) Naphthalene	13.503	128	23451	2.622	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	3881	1.261	ug/L	94

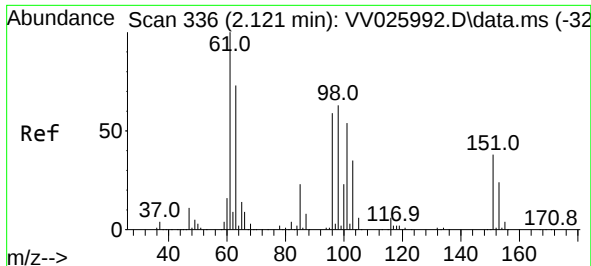
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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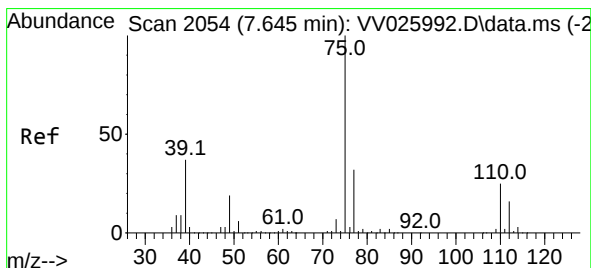
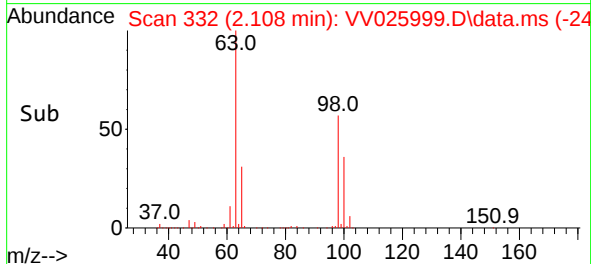
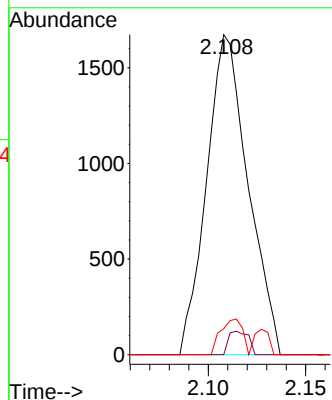
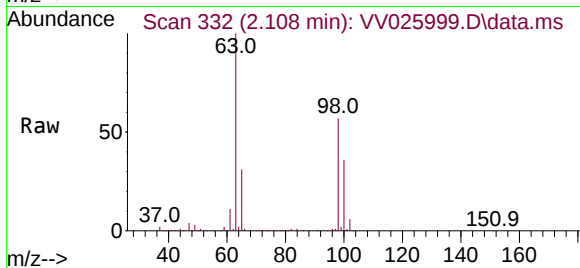




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.746 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV025999.D
Acq: 06 Jun 2022 14:02

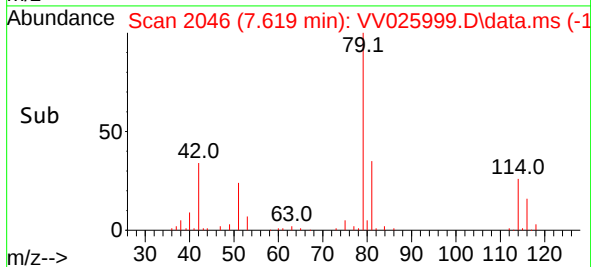
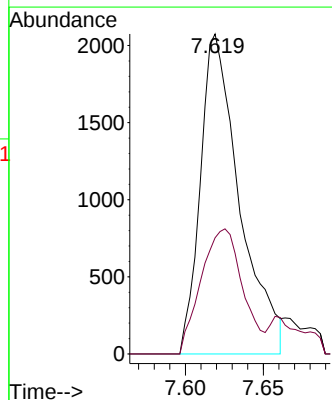
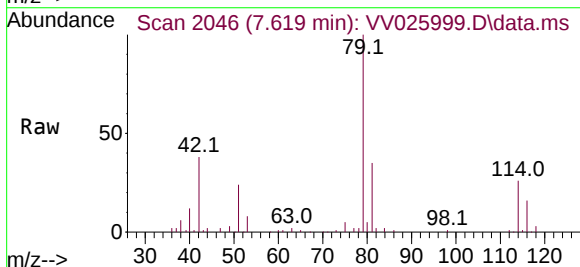
Instrument :
MSVOA_V
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VHBLK001

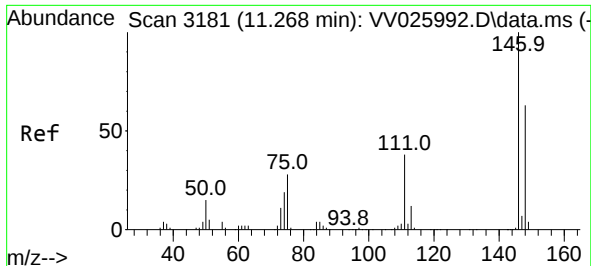
Tgt Ion:101 Resp: 2475
Ion Ratio Lower Upper
101 100
85 3.5 34.6 51.8#
151 5.9 54.3 81.5#



#44
trans-1,3-Dichloropropene
Concen: 0.903 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.026 min
Lab File: VV025999.D
Acq: 06 Jun 2022 14:02

Tgt Ion: 75 Resp: 3628
Ion Ratio Lower Upper
75 100
77 36.3 21.8 40.4





#65

1,4-Dichlorobenzene

Concen: 0.633 ug/L

RT: 11.272 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025999.D

Acq: 06 Jun 2022 14:02

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

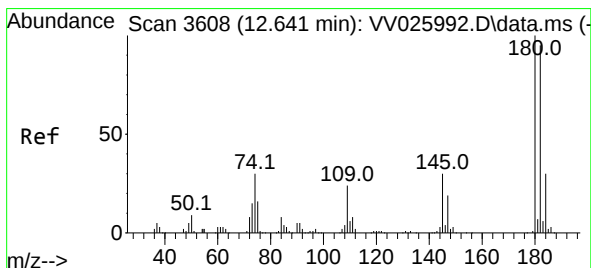
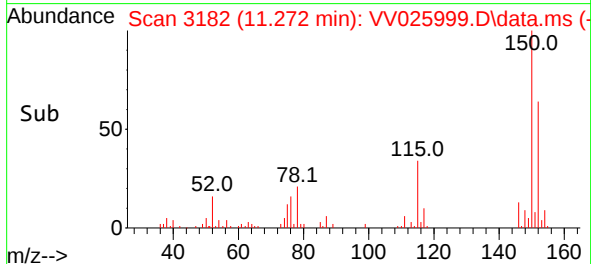
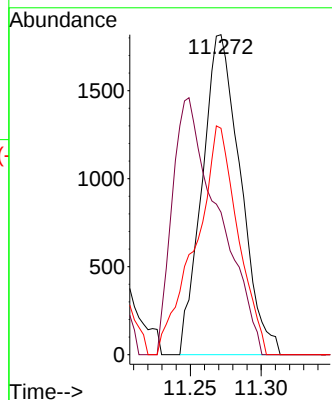
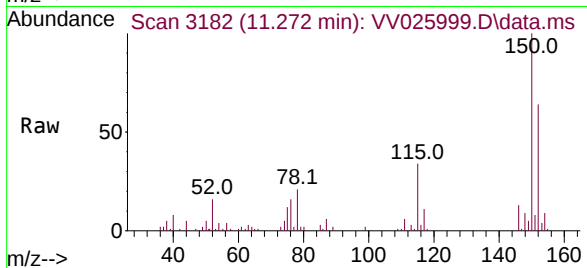
Tgt Ion:146 Resp: 3407

Ion Ratio Lower Upper

146 100

111 44.5 26.7 49.7

148 70.7 44.2 82.2



#69

1,3,5-Trichlorobenzene

Concen: 0.921 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.624 min

Lab File: VV025999.D

Acq: 06 Jun 2022 14:02

Tgt Ion:180 Resp: 3268

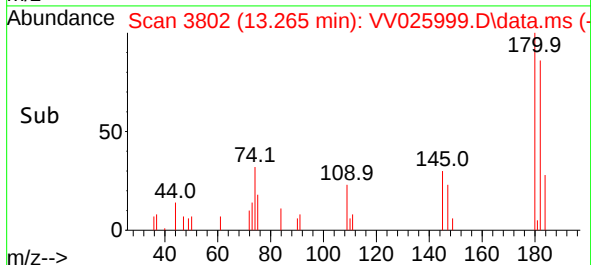
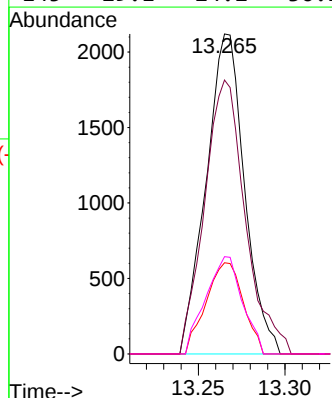
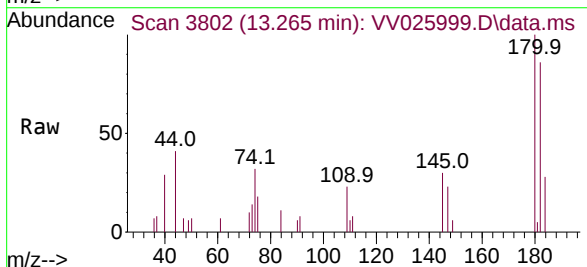
Ion Ratio Lower Upper

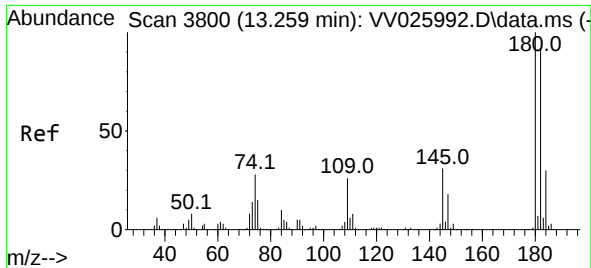
180 100

182 90.8 75.1 112.7

184 27.7 23.6 35.4

145 29.1 24.2 36.2

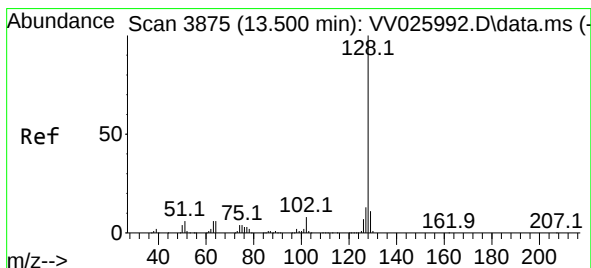
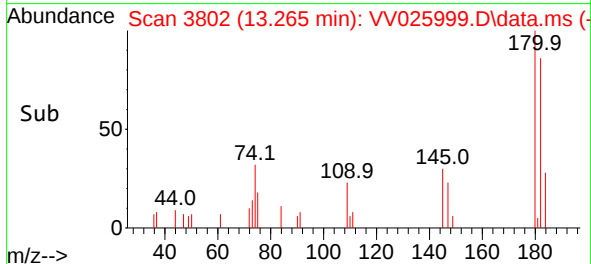
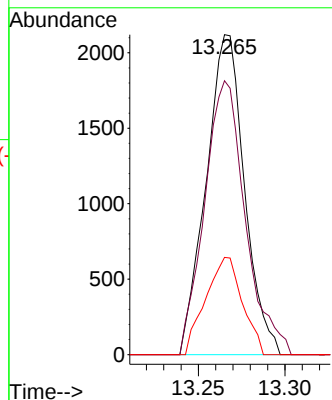
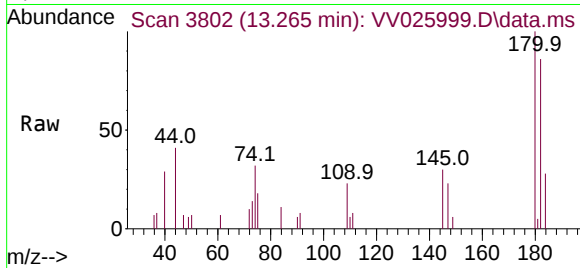




#70
1,2,4-trichlorobenzene
Concen: 1.082 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.007 min
Lab File: VV025999.D
Acq: 06 Jun 2022 14:02

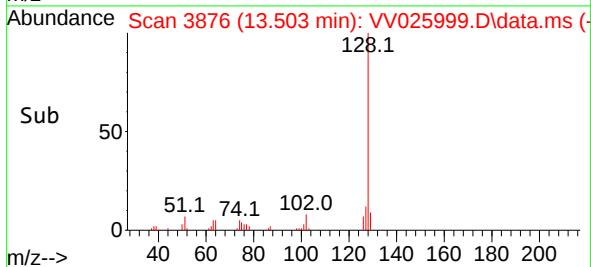
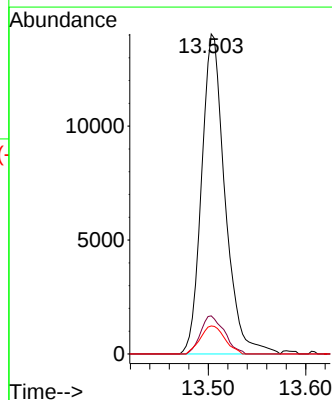
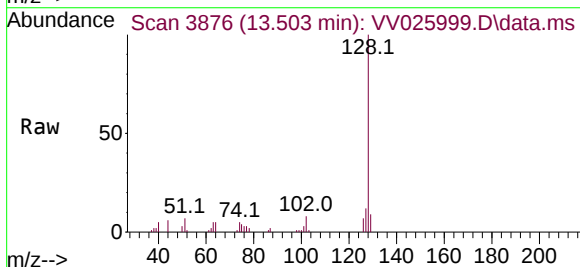
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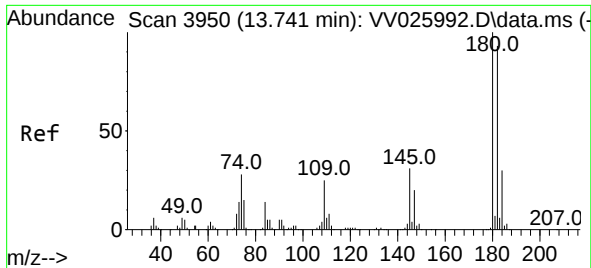
Tgt Ion:180 Resp: 3268
Ion Ratio Lower Upper
180 100
182 90.8 74.8 112.2
145 29.1 24.8 37.2



#71
Naphthalene
Concen: 2.622 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV025999.D
Acq: 06 Jun 2022 14:02

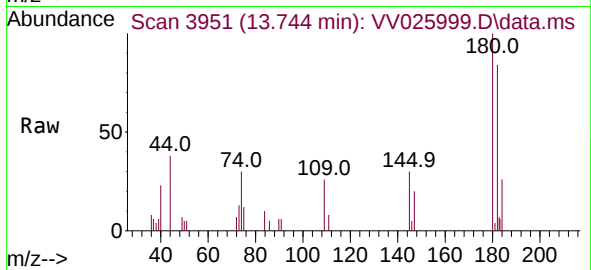
Tgt Ion:128 Resp: 23451
Ion Ratio Lower Upper
128 100
127 12.0 10.4 15.6
129 9.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 1.261 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV025999.D
 Acq: 06 Jun 2022 14:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001



Tgt Ion:	180	Resp:	3881
Ion	Ratio	Lower	Upper
180	100		
182	89.7	75.8	113.8
145	29.2	26.3	39.5

