

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022736.D
 Acq On : 11 Oct 2021 17:52
 Operator : SY/MD
 Sample : M4109-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YATJ9

Quant Time: Oct 12 03:42:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

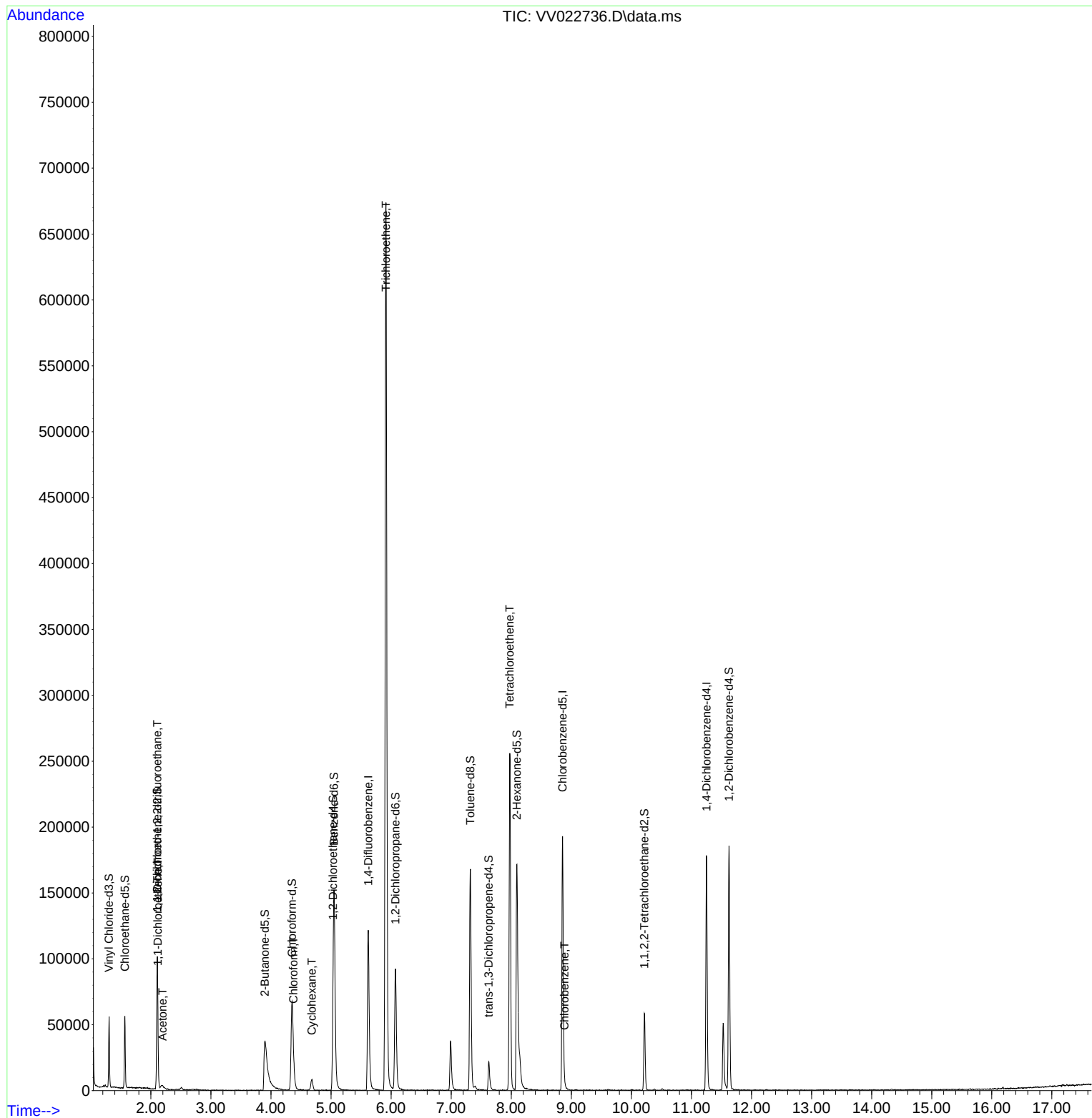
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	110506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49174	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31520	4.203	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.568	69	32963	4.891	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.108	63	50568	3.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.899	46	90148	45.841	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.680%	
24) Chloroform-d	4.352	84	69548	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.034	65	35624	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.050	84	136930	4.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.072	67	45649	4.686	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.320	98	113817	4.002	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.625	79	13749	4.254	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.092	63	56942	43.721	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27931	4.232	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49113	5.387	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1024	0.146	ug/L #	45
12) 1,1-Dichloroethene	2.117	96	3211	0.488	ug/L #	1
13) Acetone	2.195	43	6614	6.032	ug/L	72
25) Chloroform	4.375	83	9067	0.606	ug/L	100
30) Cyclohexane	4.677	56	3813	0.327	ug/L	96
34) Trichloroethene	5.912	95	230134	28.435	ug/L	98
47) Tetrachloroethene	7.976	164	59000	9.014	ug/L	99
51) Chlorobenzene	8.886	112	1724	0.087	ug/L	96

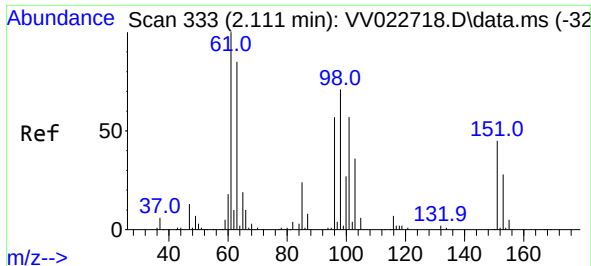
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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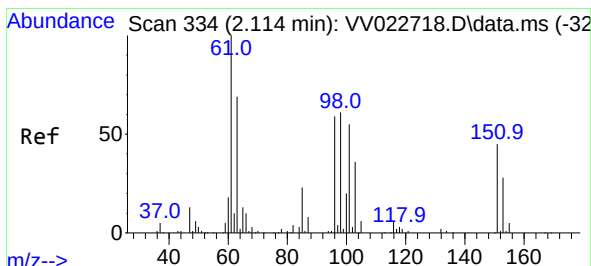
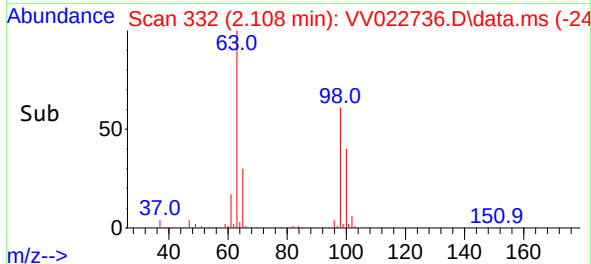
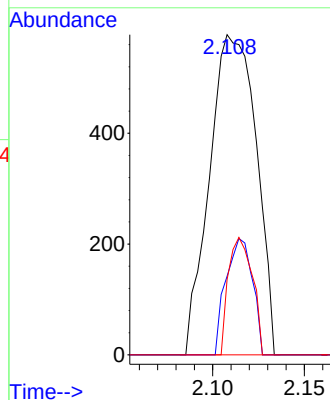
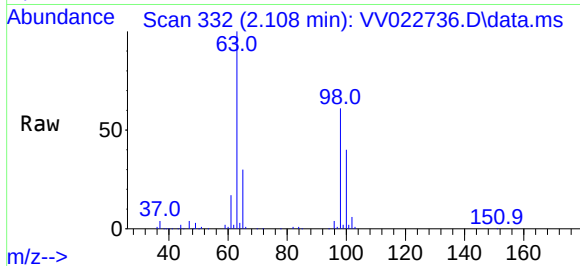




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.146 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

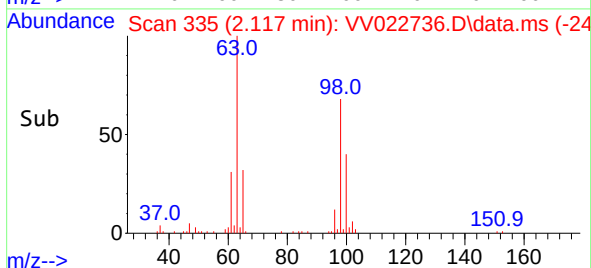
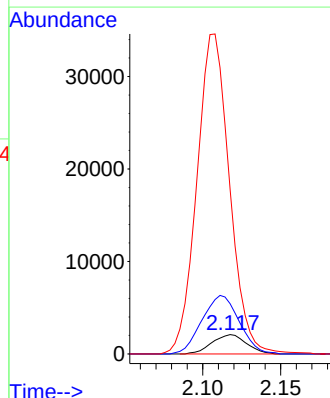
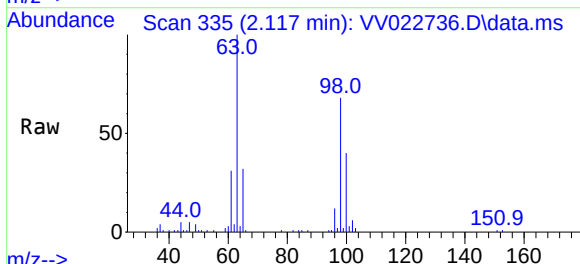
Instrument :
MSVOA_V
ClientSampleId :
YATJ9

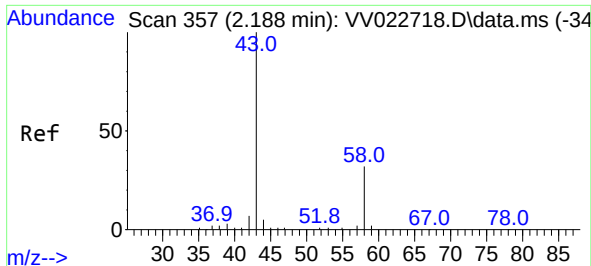
Tgt Ion:101 Resp: 1024
Ion Ratio Lower Upper
101 100
85 20.6 34.6 52.0#
151 18.8 60.9 91.3#



#12
1,1-Dichloroethene
Concen: 0.488 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion: 96 Resp: 3211
Ion Ratio Lower Upper
96 100
61 260.3 127.3 236.5#
63 851.3 106.2 197.2#

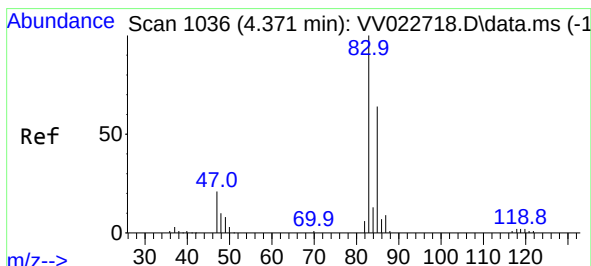
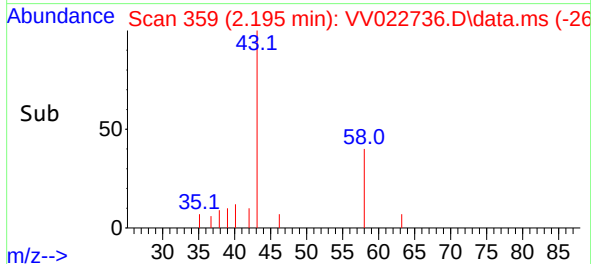
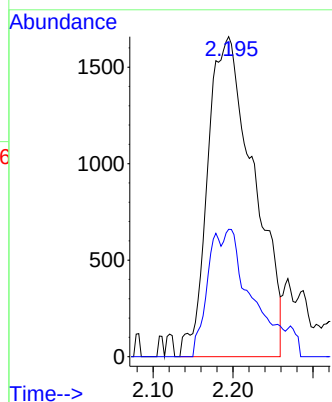
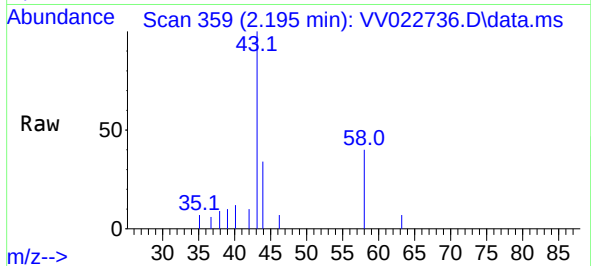




#13
Acetone
Concen: 6.032 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.007 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

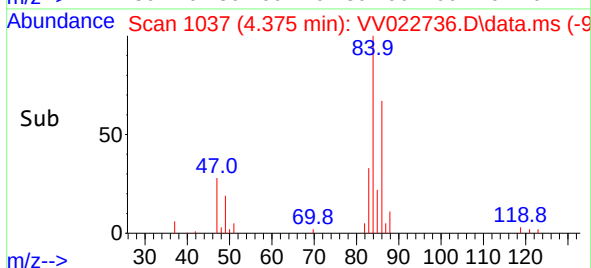
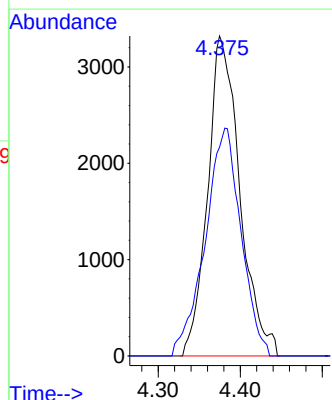
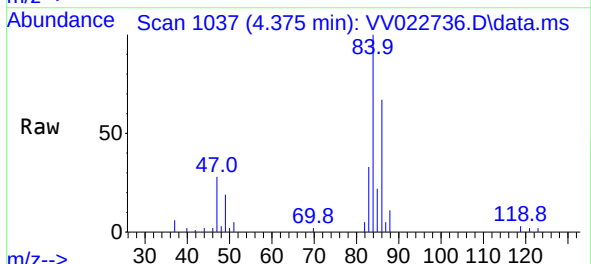
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MSVOA_V
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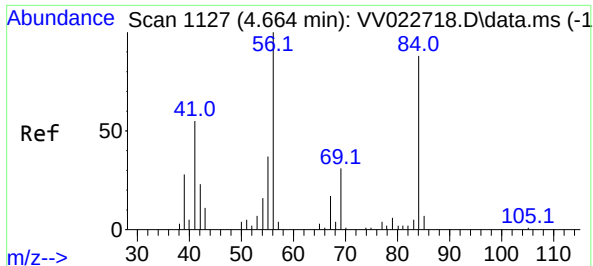
Tgt Ion: 43 Resp: 6614
Ion Ratio Lower Upper
43 100
58 22.8 0.0 24.2



#25
Chloroform
Concen: 0.606 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion: 83 Resp: 9067
Ion Ratio Lower Upper
83 100
85 65.2 45.7 84.9



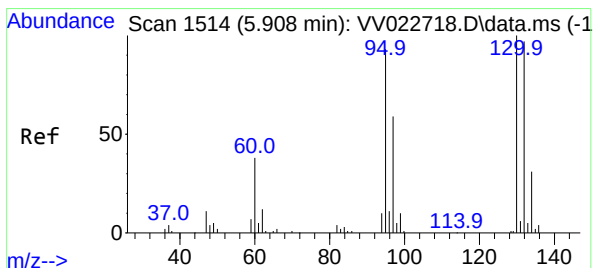
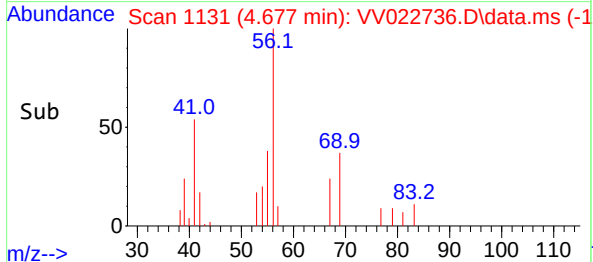
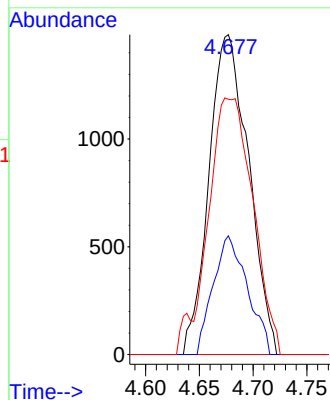
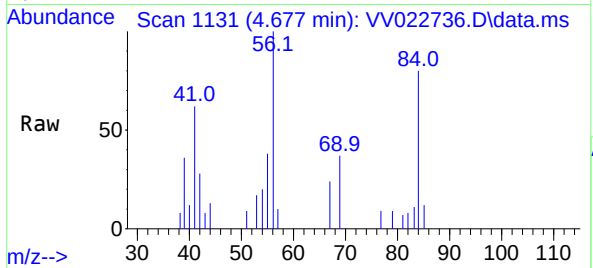


#30
Cyclohexane
Concen: 0.327 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Instrument :
MSVOA_V
ClientSampled :
YATJ9

Tgt Ion: 56 Resp: 3813

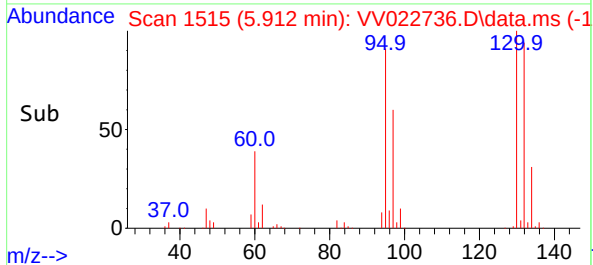
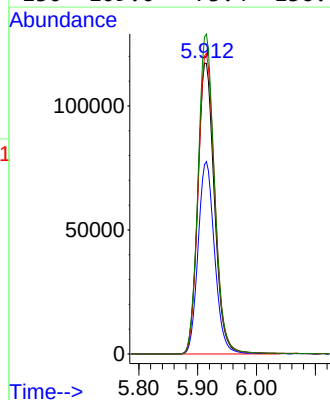
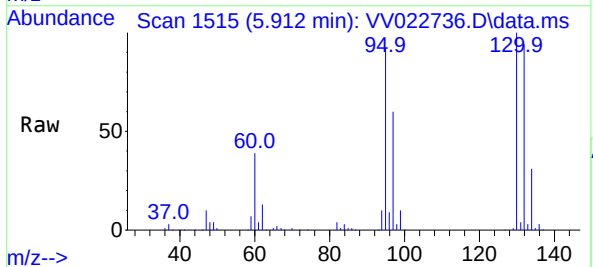
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.9	37.3
84	86.6	72.5	108.7

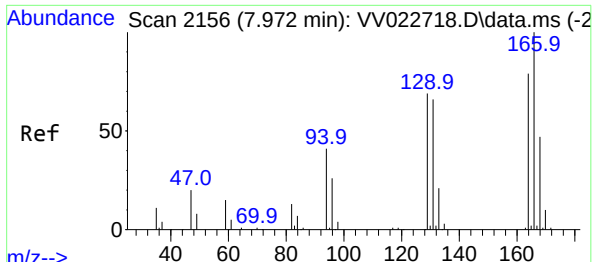


#34
Trichloroethene
Concen: 28.435 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022736.D
Acq: 11 Oct 2021 17:52

Tgt Ion: 95 Resp: 230134

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.8	85.2
132	102.4	72.2	134.0
130	109.0	73.4	136.4





#47

Tetrachloroethene

Concen: 9.014 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022736.D

Acq: 11 Oct 2021 17:52

Tgt Ion:164 Resp: 59000

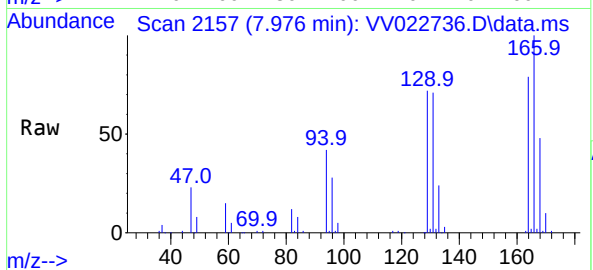
Ion Ratio Lower Upper

164 100

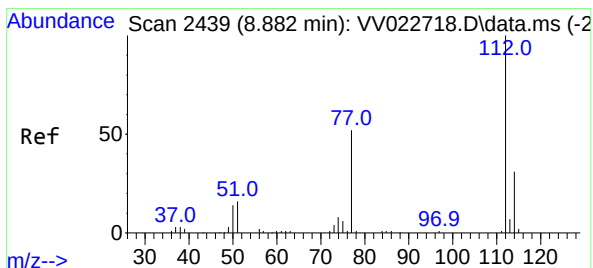
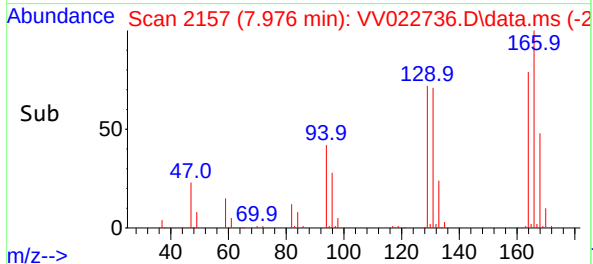
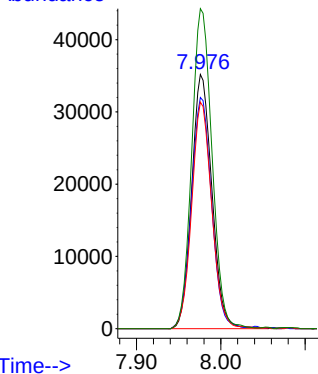
129 91.0 65.0 120.6

131 89.1 62.2 115.4

166 125.8 89.2 165.8



Abundance



#51

Chlorobenzene

Concen: 0.087 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV022736.D

Acq: 11 Oct 2021 17:52

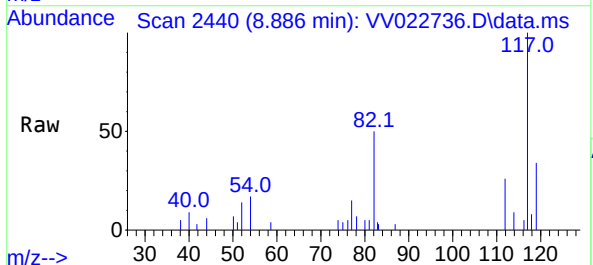
Tgt Ion:112 Resp: 1724

Ion Ratio Lower Upper

112 100

114 33.6 21.6 40.2

77 57.2 43.7 65.5



Abundance

