

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
 Data File : VV025100.D
 Acq On : 18 Mar 2022 16:09
 Operator : SY/MD
 Sample : N2018-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA6

Quant Time: Mar 19 00:56:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

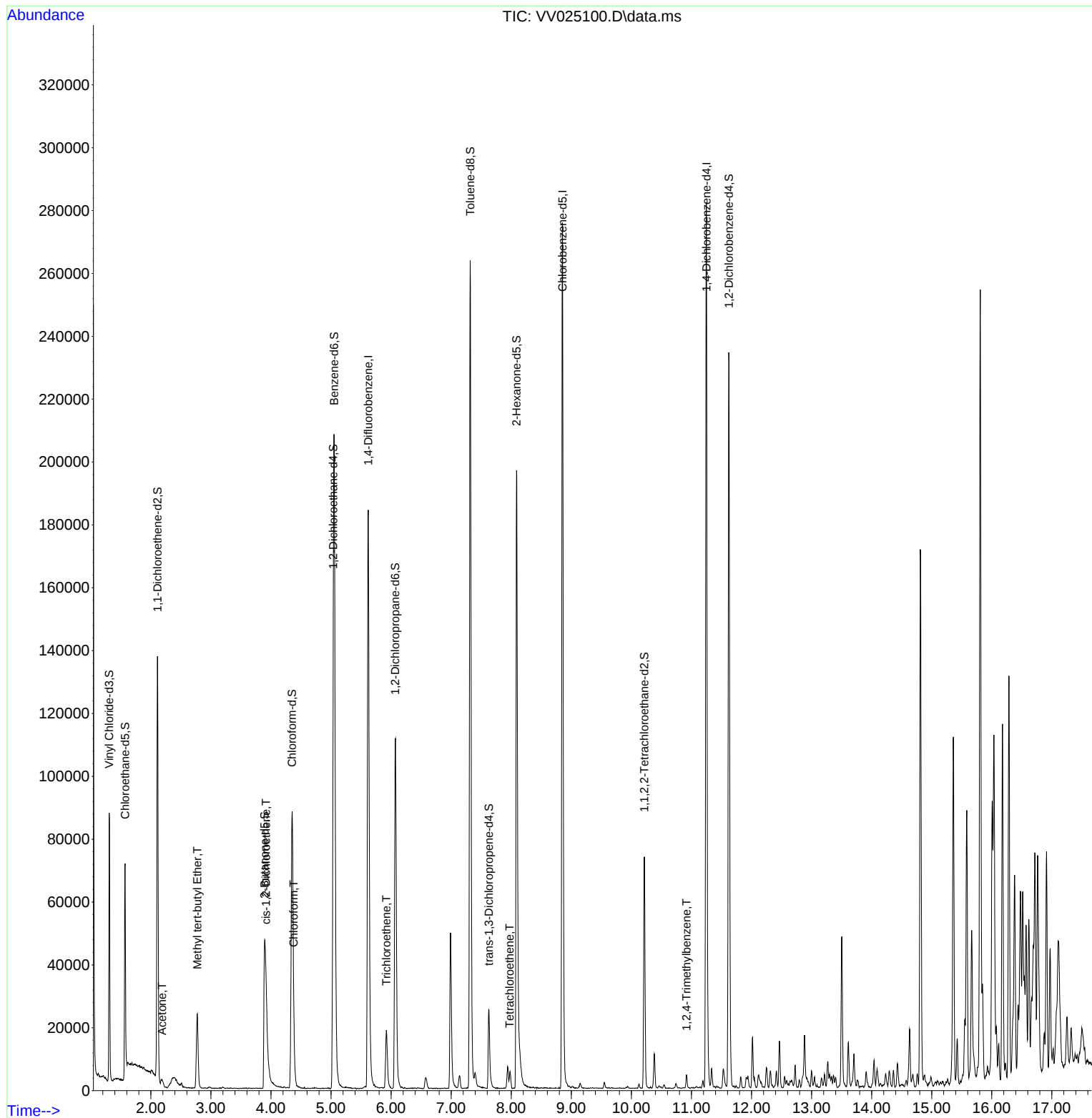
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	171097	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	160976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74609	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54240	4.015	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.400%	
7) Chloroethane-d5	1.571	69	43097	4.357	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.111	63	71052	3.255	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	3.892	46	83194	50.962	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	101.920%	
24) Chloroform-d	4.352	84	95633	4.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.037	65	40909	4.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
32) Benzene-d6	5.053	84	206876	4.430	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.069	67	59151	4.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.317	98	182904	4.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.628	79	17421	3.722	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.088	63	74182	46.459	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37287	4.720	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59515	4.712	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						
					Qvalue	
13) Acetone	2.185	43	4270	3.911	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	25748	1.084	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	6050	0.457	ug/L	96
25) Chloroform	4.378	83	2983	0.128	ug/L	81
34) Trichloroethene	5.921	95	6894	0.495	ug/L	97
47) Tetrachloroethene	7.976	164	1142	0.116	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	2898	0.064	ug/L	91

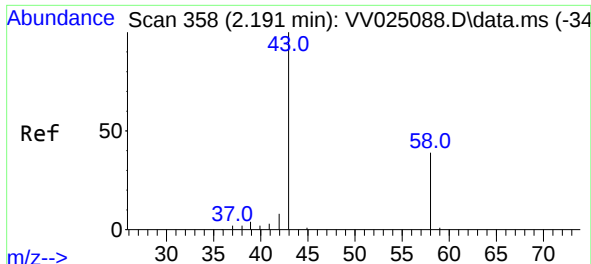
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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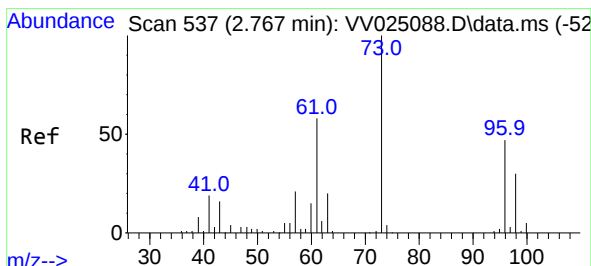
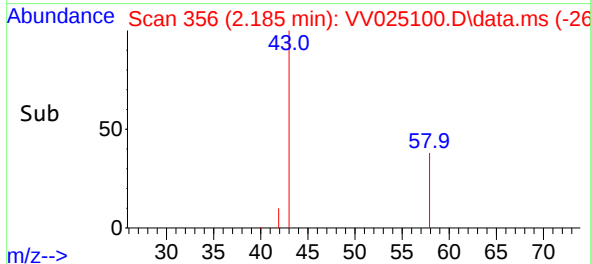
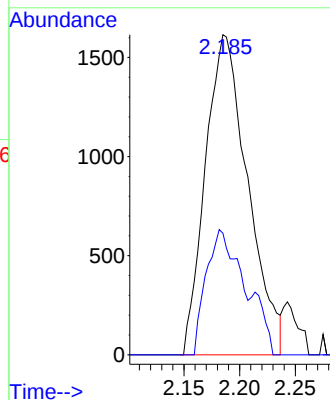
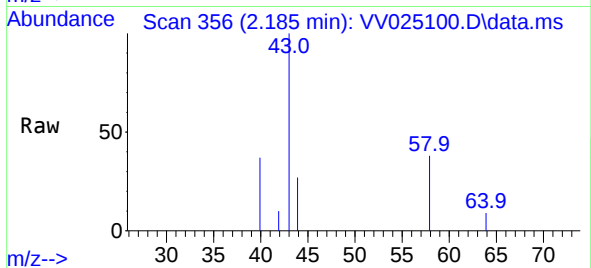




#13
Acetone
Concen: 3.911 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

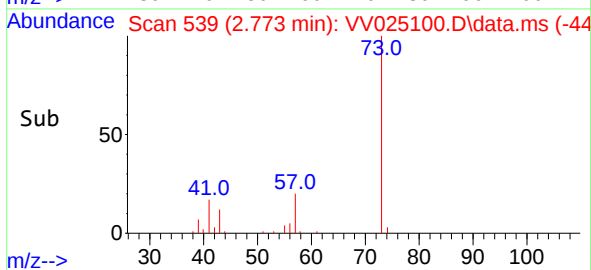
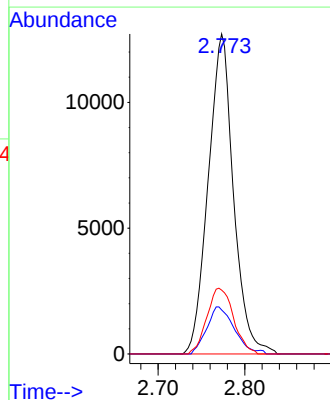
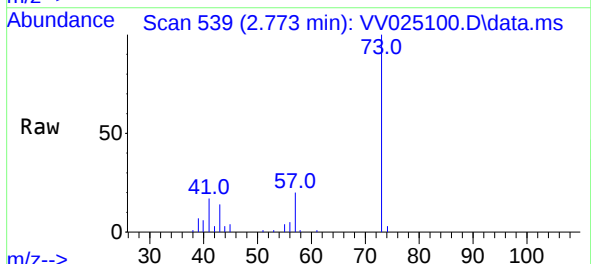
Instrument :
MSVOA_V
ClientSampleId :
C0QA6

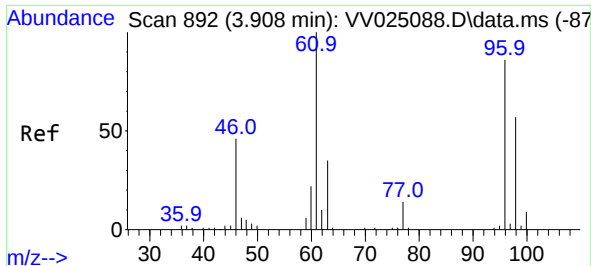
Tgt Ion: 43 Resp: 4270
Ion Ratio Lower Upper
43 100
58 30.0 0.0 54.2



#17
Methyl tert-butyl Ether
Concen: 1.084 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

Tgt Ion: 73 Resp: 25748
Ion Ratio Lower Upper
73 100
43 16.1 13.2 19.8
57 21.7 16.7 25.1

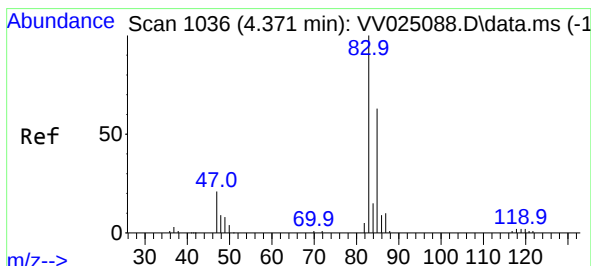
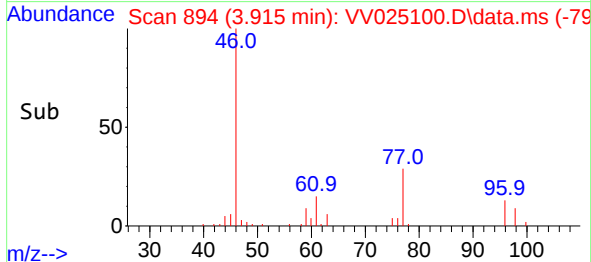
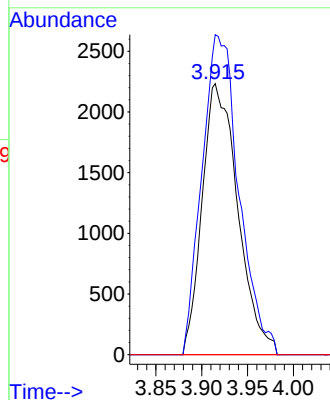
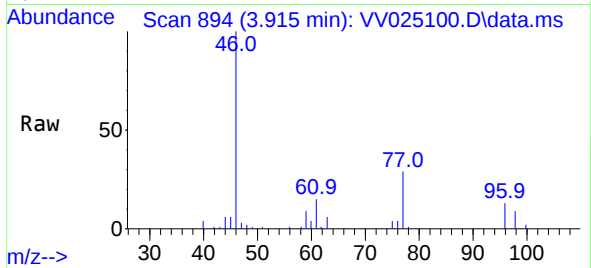




#22
cis-1,2-Dichloroethene
Concen: 0.457 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

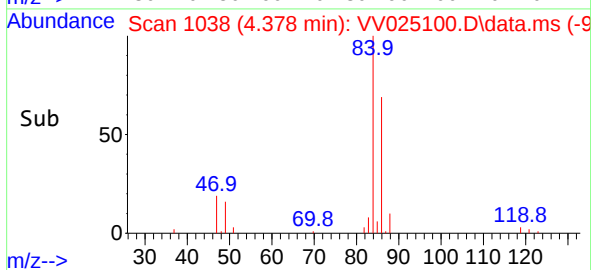
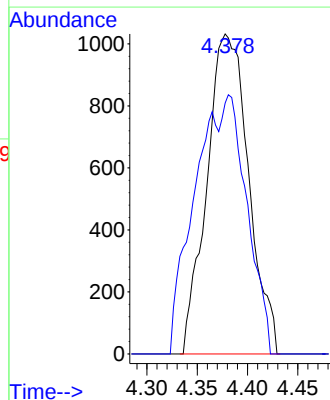
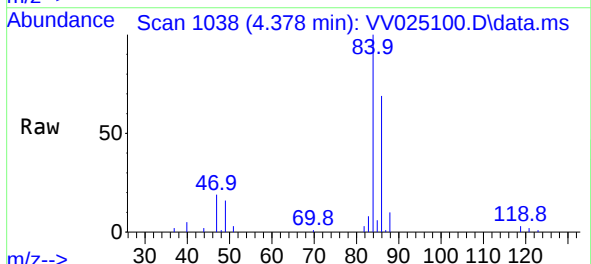
Instrument :
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ClientSampleId :
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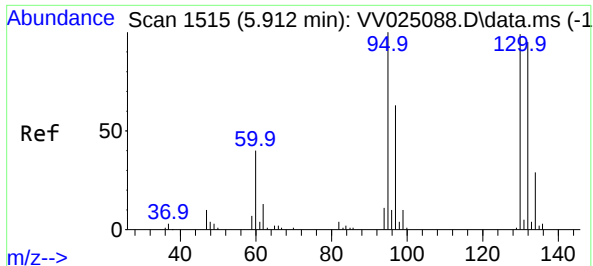
Tgt Ion: 96 Resp: 6050
Ion Ratio Lower Upper
96 100
61 118.0 79.7 147.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.128 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

Tgt Ion: 83 Resp: 2983
Ion Ratio Lower Upper
83 100
85 78.4 44.5 82.7



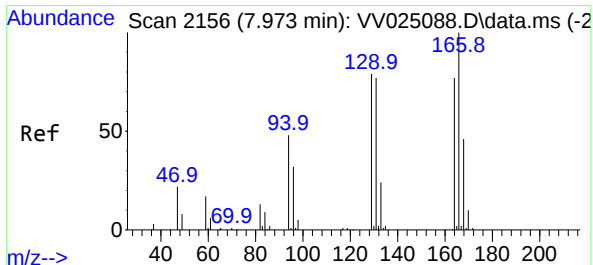
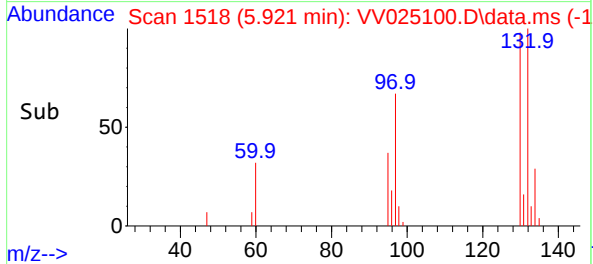
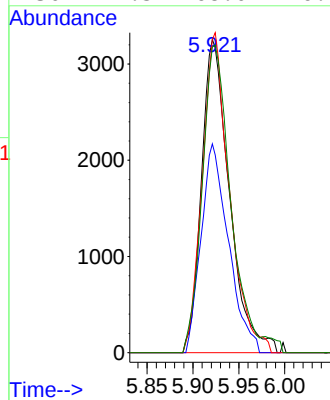
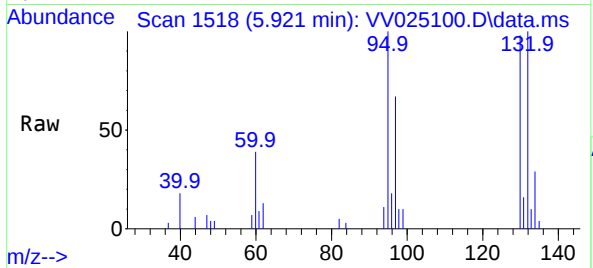


#34
Trichloroethene
Concen: 0.495 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

Instrument :
MSVOA_V
ClientSampleId :
C0QA6

Tgt Ion: 95 Resp: 6894

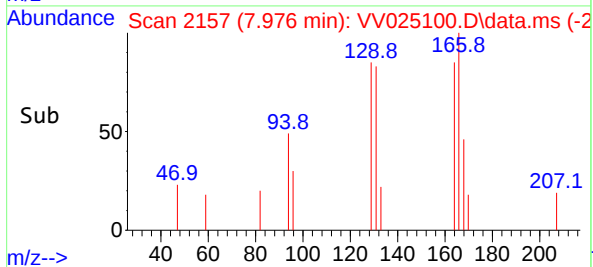
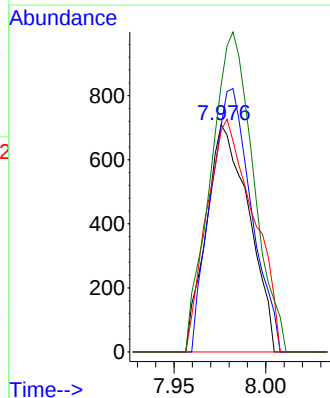
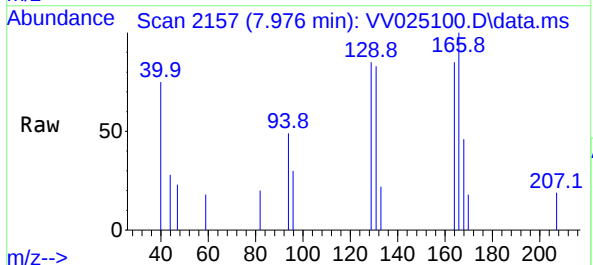
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.5	82.7
132	99.9	66.5	123.5
130	97.5	68.0	126.2

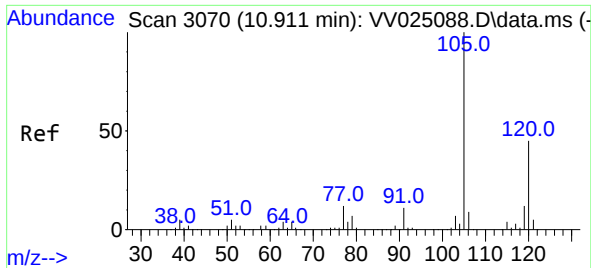


#47
Tetrachloroethene
Concen: 0.116 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

Tgt Ion: 164 Resp: 1142

Ion	Ratio	Lower	Upper
164	100		
129	100.0	70.3	130.7
131	97.6	69.4	129.0
166	117.6	90.3	167.7





#63
 1,2,4-Trimethylbenzene
 Concen: 0.064 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VV025100.D
 Acq: 18 Mar 2022 16:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA6

Tgt Ion:105 Resp: 2898
 Ion Ratio Lower Upper
 105 100
 120 38.7 35.8 53.8

