

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025433.D
 Acq On : 09 Apr 2022 00:35
 Operator : SY/MD
 Sample : N2319-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K4

Quant Time: Apr 09 06:29:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

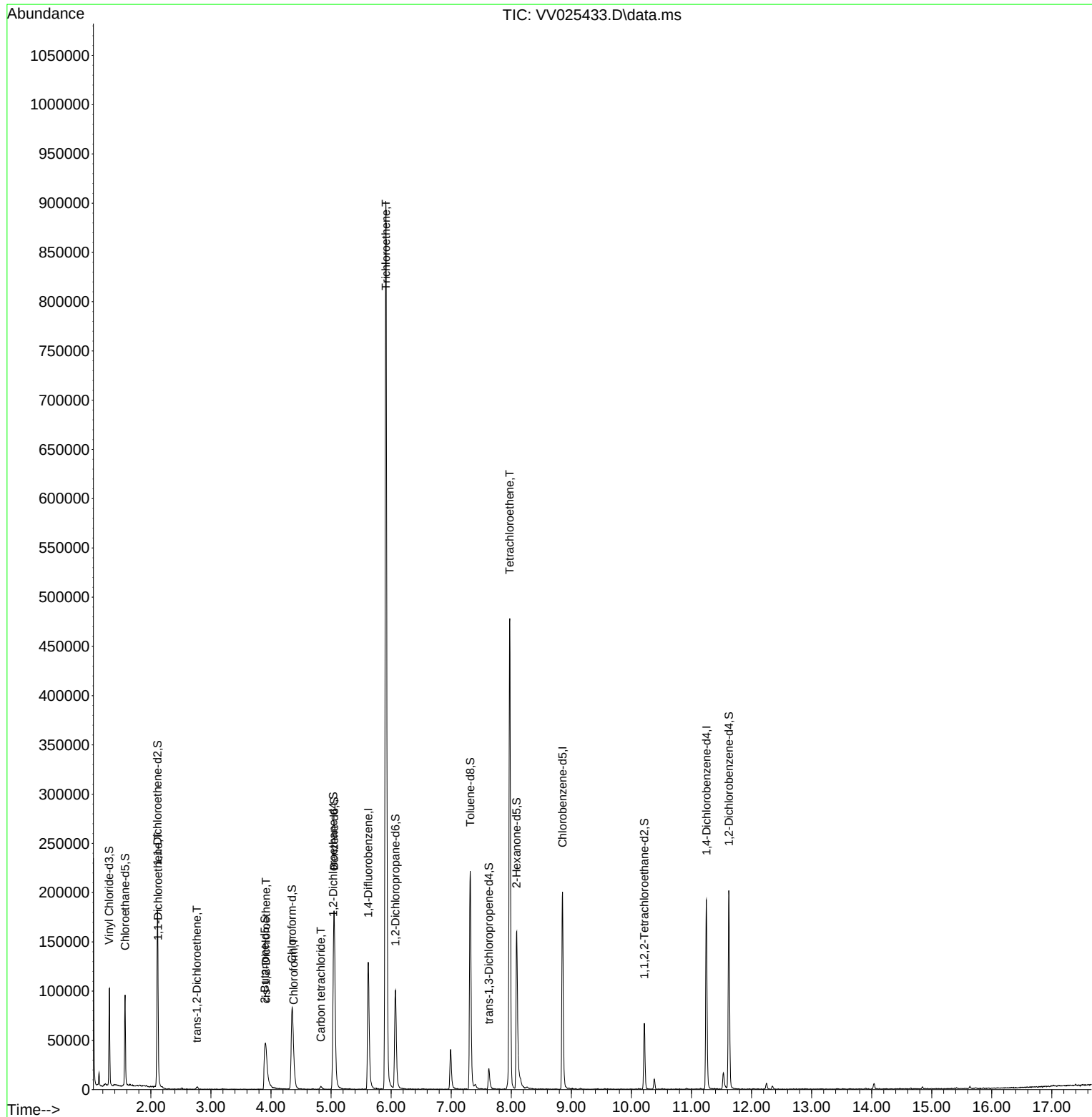
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114790	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62508	5.857	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.200%	
7) Chloroethane-d5	1.571	69	55876	4.921	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.111	63	94678	4.429	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	3.896	46	72482	55.834	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.660%	
24) Chloroform-d	4.352	84	83411	5.172	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
26) 1,2-Dichloroethane-d4	5.037	65	39661	5.708	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.200%	
32) Benzene-d6	5.053	84	169463	5.254	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.000%	
36) 1,2-Dichloropropane-d6	6.072	67	48797	5.425	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.400%	
41) Toluene-d8	7.317	98	149429	4.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	7.628	79	13270	4.389	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.088	63	57478	54.168	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30651	5.394	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51290	6.133	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	122.600%#	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	2507	0.252	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	937	0.112	ug/L #	70
22) cis-1,2-Dichloroethene	3.918	96	9529	1.085	ug/L	91
25) Chloroform	4.378	83	16311	1.094	ug/L	93
31) Carbon tetrachloride	4.831	117	2015	0.181	ug/L	99
34) Trichloroethene	5.912	95	309791	35.432	ug/L	99
47) Tetrachloroethene	7.976	164	102720	15.007	ug/L	97

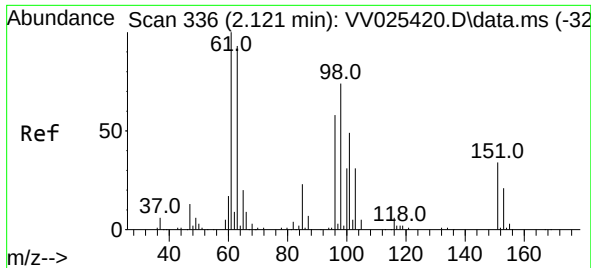
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 06:29:01 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 06:16:16 2022
Response via : Initial Calibration

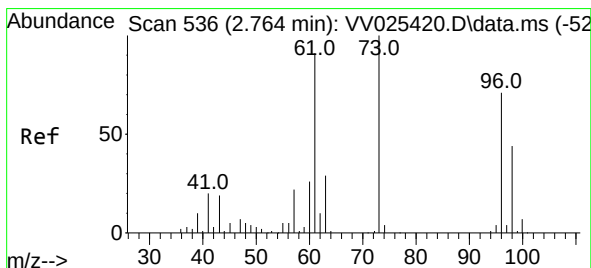
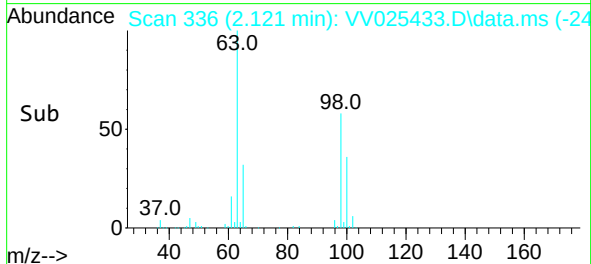
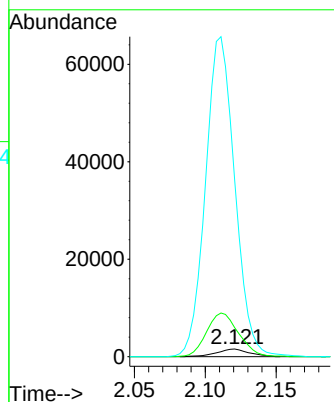
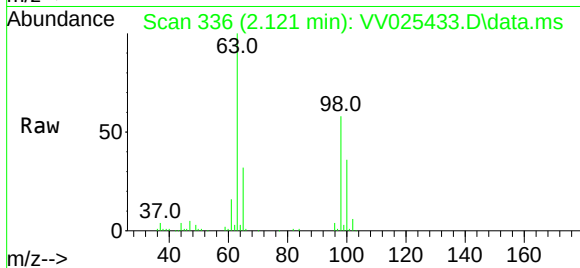




#12
1,1-Dichloroethene
Concen: 0.252 ug/L
RT: 2.121 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

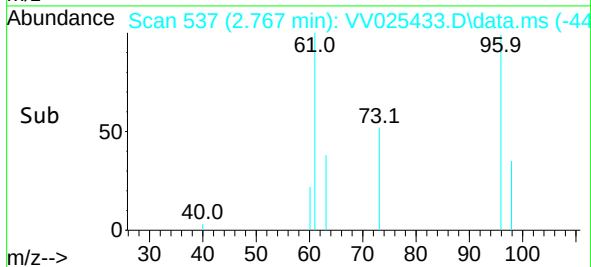
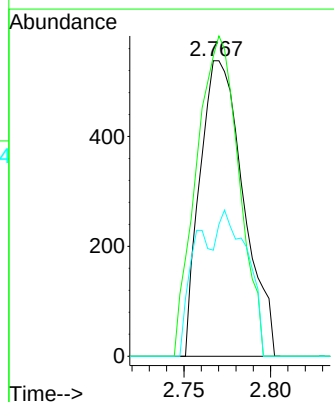
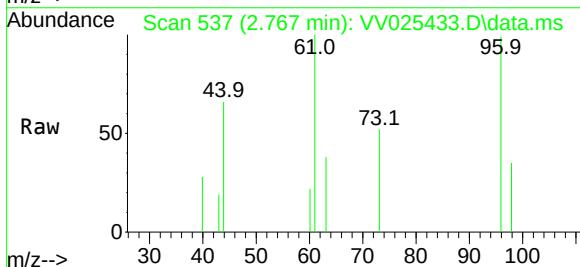
Instrument :
MSVOA_V
ClientSampleId :
YB2K4

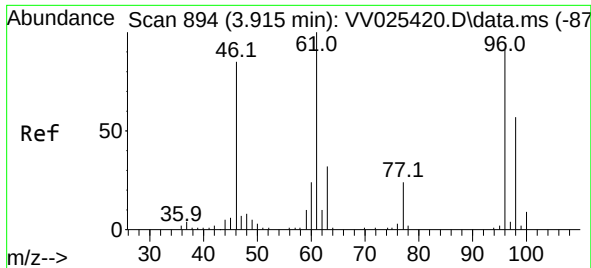
Tgt Ion: 96 Resp: 2507
Ion Ratio Lower Upper
96 100
61 380.2 125.2 232.4#
63 2314.1 114.4 212.4#



#18
trans-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Tgt Ion: 96 Resp: 937
Ion Ratio Lower Upper
96 100
61 101.5 92.1 171.1
98 35.9 47.5 88.1#

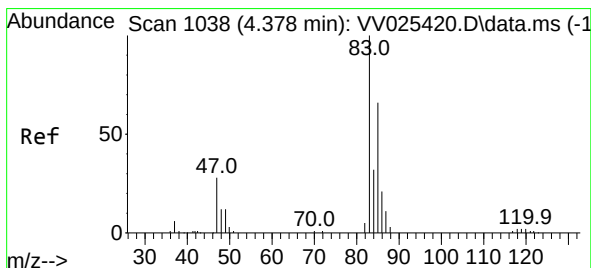
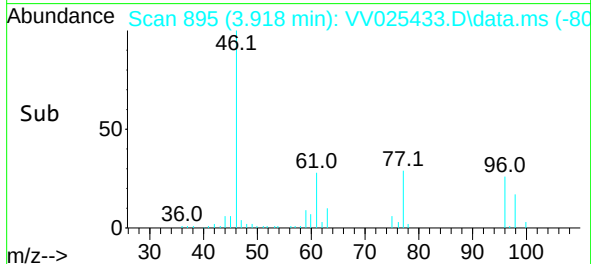
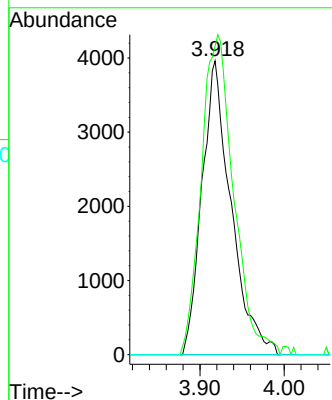
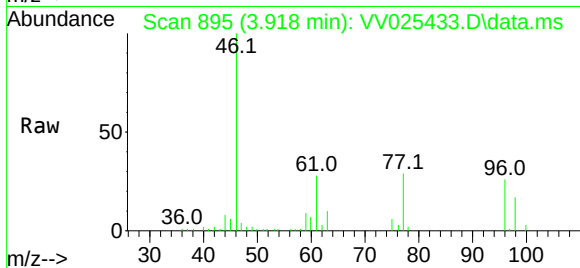




#22
 cis-1,2-Dichloroethene
 Concen: 1.085 ug/L
 RT: 3.918 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025433.D
 Acq: 09 Apr 2022 00:35

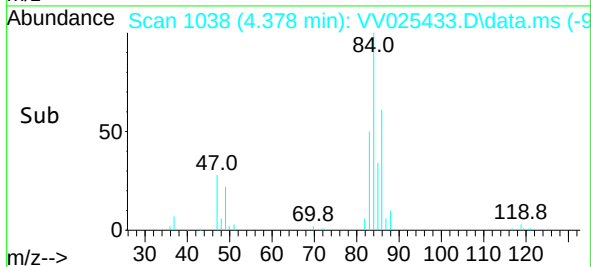
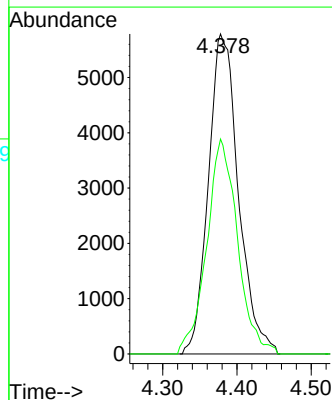
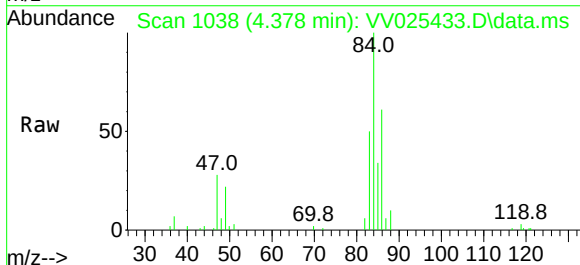
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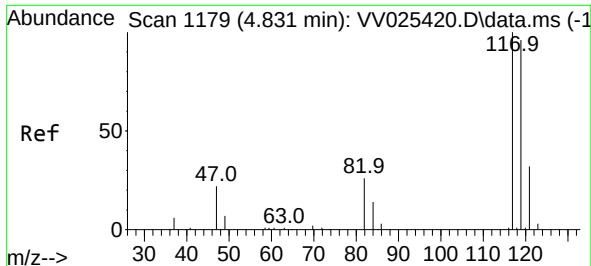
Tgt Ion: 96 Resp: 9529
 Ion Ratio Lower Upper
 96 100
 61 105.1 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.094 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VV025433.D
 Acq: 09 Apr 2022 00:35

Tgt Ion: 83 Resp: 16311
 Ion Ratio Lower Upper
 83 100
 85 67.2 43.5 80.7

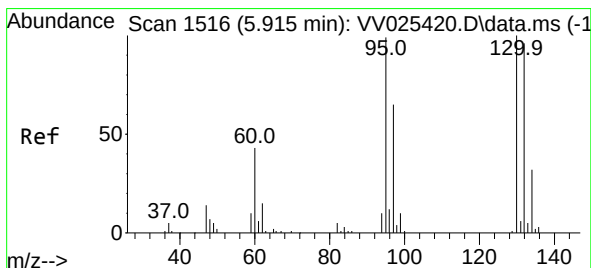
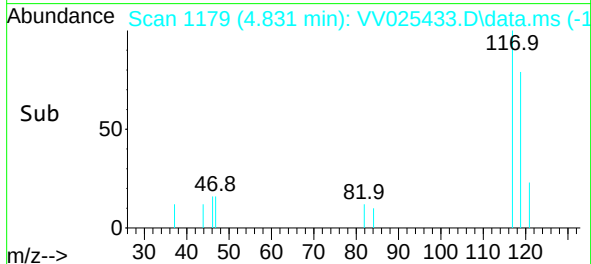
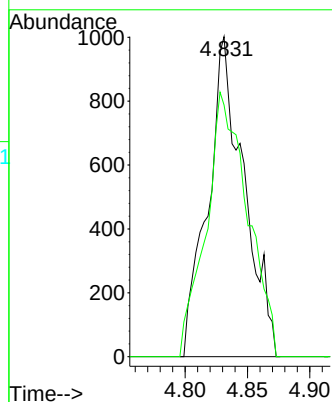
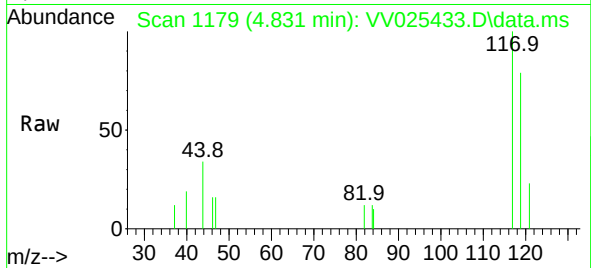




#31
Carbon tetrachloride
Concen: 0.181 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

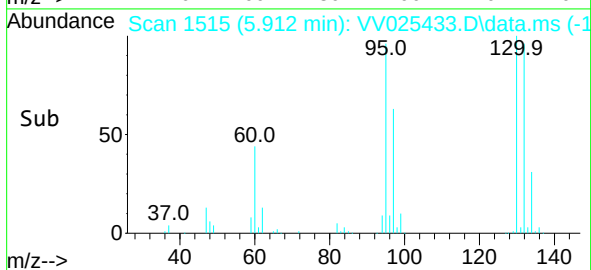
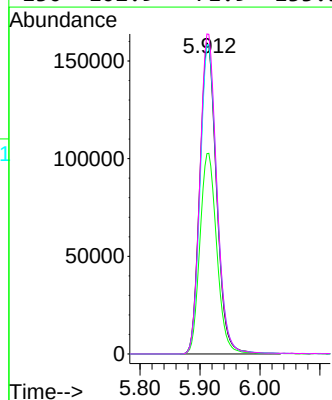
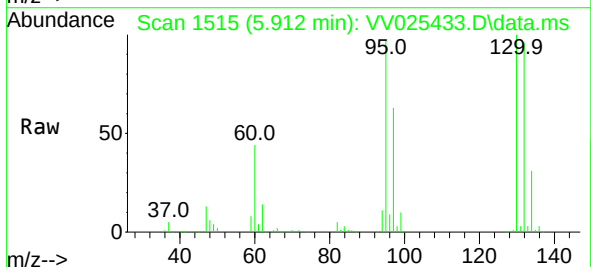
Instrument :
MSVOA_V
ClientSampleId :
YB2K4

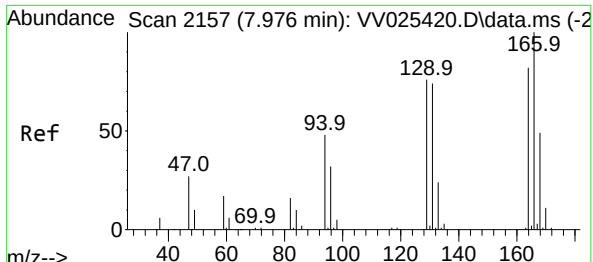
Tgt Ion: 117 Resp: 2015
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8



#34
Trichloroethene
Concen: 35.432 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV025433.D
Acq: 09 Apr 2022 00:35

Tgt Ion: 95 Resp: 309791
Ion Ratio Lower Upper
95 100
97 64.4 45.8 85.2
132 99.3 68.0 126.4
130 102.9 71.9 133.5





#47
 Tetrachloroethene
 Concen: 15.007 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025433.D
 Acq: 09 Apr 2022 00:35

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K4

Tgt Ion:164 Resp: 102720

Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.8	124.2
131	92.0	66.4	123.4
166	124.7	91.7	170.3

