

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022670.D
 Acq On : 07 Oct 2021 18:17
 Operator : SY/MD
 Sample : M4051-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW8DL

Quant Time: Oct 08 04:03:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

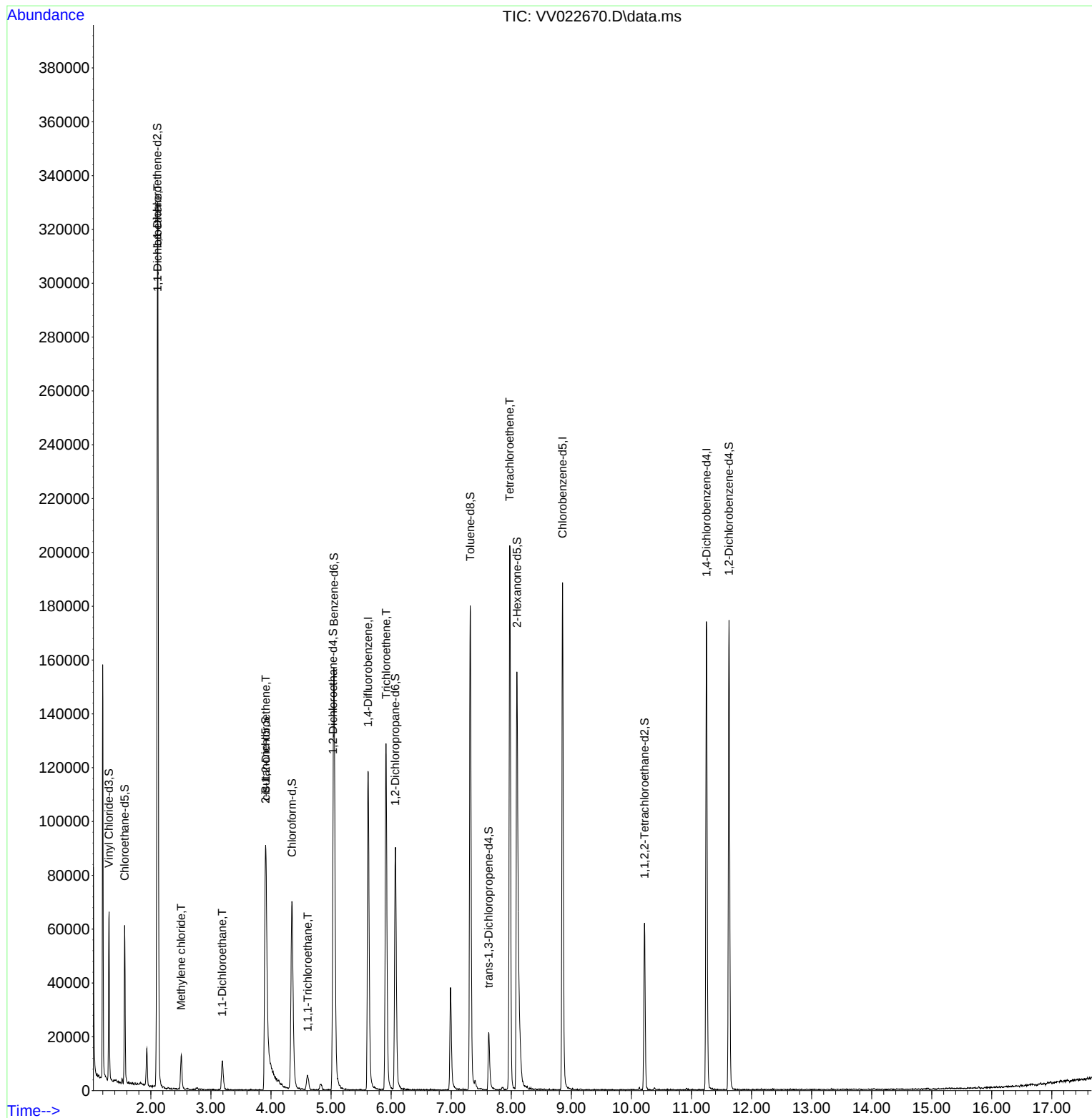
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	107760	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38015	5.127	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.564	69	35911	5.390	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.108	63	98465	6.770	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 135.400%#		
20) 2-Butanone-d5	3.908	46	76833	39.523	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 79.040%		
24) Chloroform-d	4.349	84	72836	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.400%		
26) 1,2-Dichloroethane-d4	5.034	65	35517	4.790	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.800%		
32) Benzene-d6	5.050	84	143963	4.479	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 89.600%		
36) 1,2-Dichloropropane-d6	6.069	67	44705	4.697	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 94.000%		
41) Toluene-d8	7.317	98	121189	4.362	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.200%		
43) trans-1,3-Dichloroprop...	7.625	79	13164	4.169	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 83.400%		
46) 2-Hexanone-d5	8.095	63	57056	44.841	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 89.680%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29468	4.570	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 91.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	47049	5.064	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.200%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.114	96	80942	12.435	ug/L	# 73
16) Methylene chloride	2.506	84	5243	0.585	ug/L	91
19) 1,1-Dichloroethane	3.188	63	10873	0.853	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	40405	5.436	ug/L	92
29) 1,1,1-Trichloroethane	4.613	97	4693	0.381	ug/L	98
34) Trichloroethene	5.915	95	43504	5.502	ug/L	98
47) Tetrachloroethene	7.976	164	47531	7.433	ug/L	97

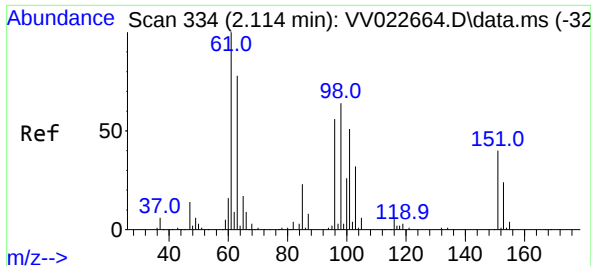
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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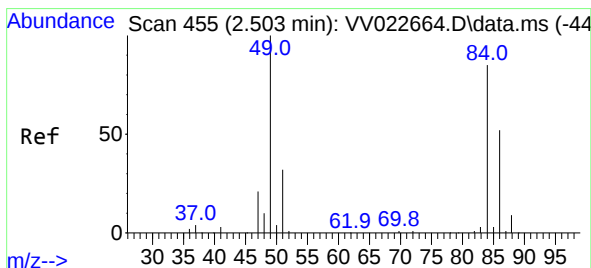
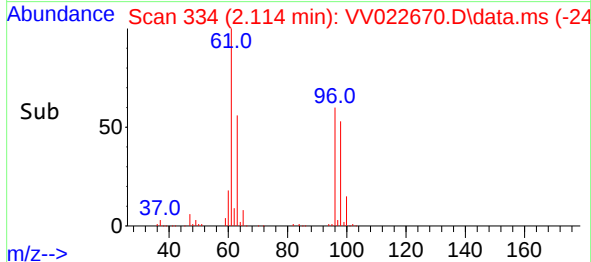
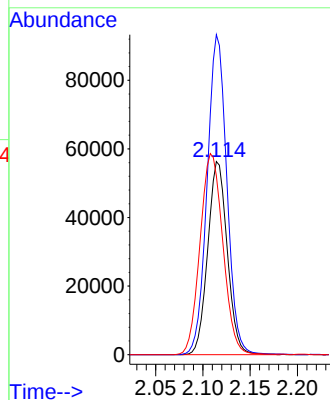
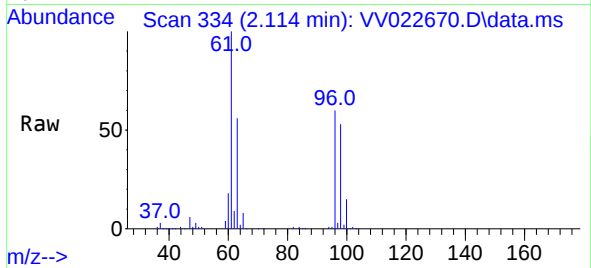




#12
1,1-Dichloroethene
Concen: 12.435 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022670.D
Acq: 07 Oct 2021 18:17

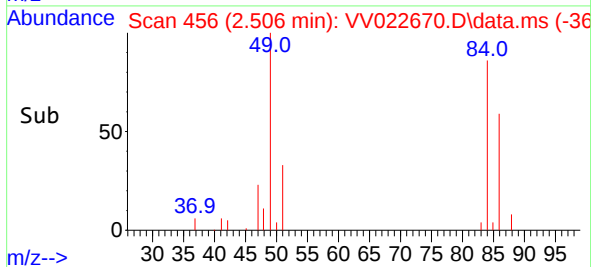
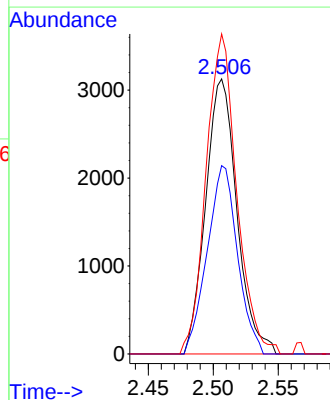
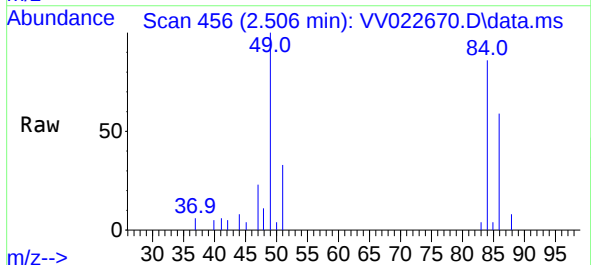
Instrument :
MSVOA_V
ClientSampleId :
C0AW8DL

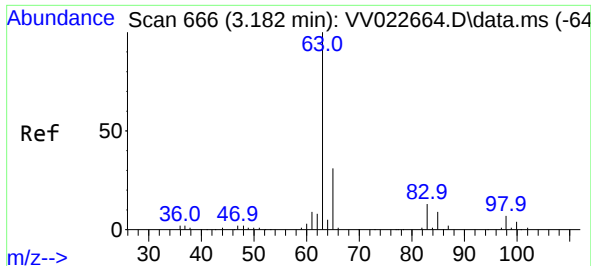
Tgt Ion: 96 Resp: 80942
Ion Ratio Lower Upper
96 100
61 165.7 127.3 236.5
63 92.7 106.2 197.2#



#16
Methylene chloride
Concen: 0.585 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022670.D
Acq: 07 Oct 2021 18:17

Tgt Ion: 84 Resp: 5243
Ion Ratio Lower Upper
84 100
86 68.5 45.8 85.2
49 116.3 90.3 167.7



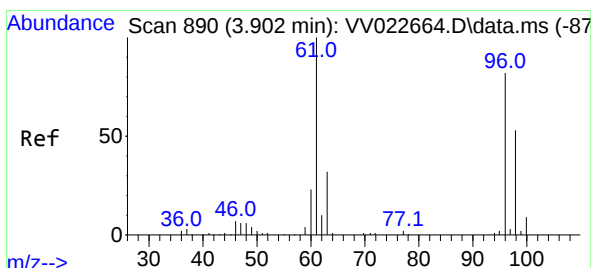
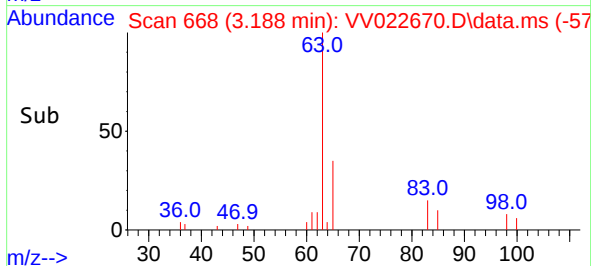
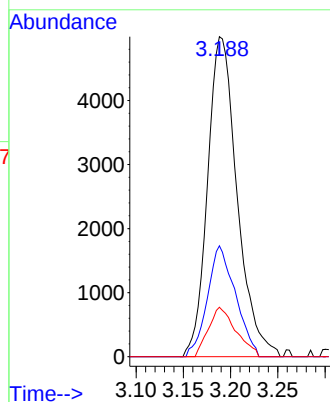
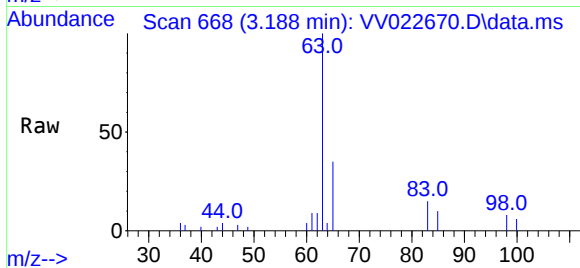


#19
1,1-Dichloroethane
Concen: 0.853 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV022670.D
Acq: 07 Oct 2021 18:17

Instrument :
MSVOA_V
ClientSampleId :
C0AW8DL

Tgt Ion: 63 Resp: 10873

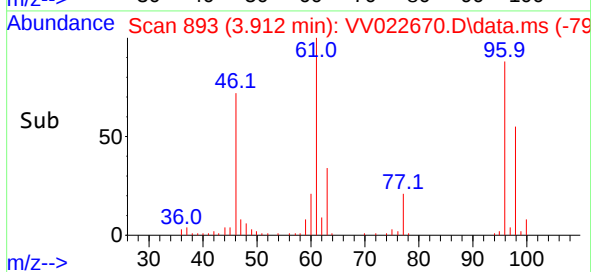
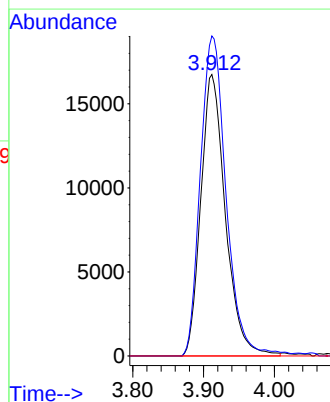
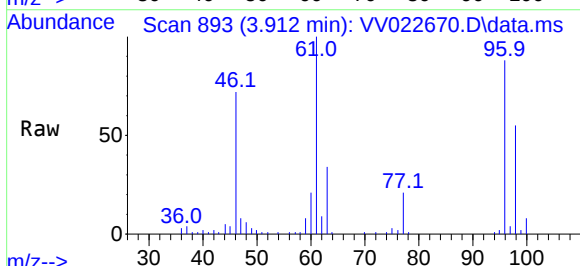
Ion	Ratio	Lower	Upper
63	100		
65	34.7	23.5	43.7
83	15.5	10.1	18.7

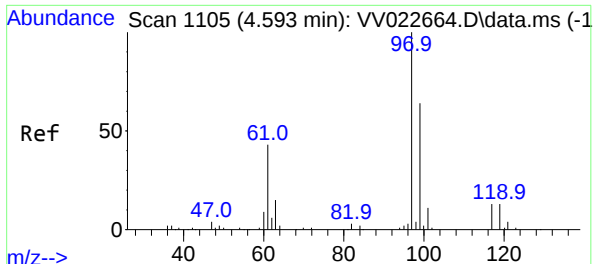


#22
cis-1,2-Dichloroethene
Concen: 5.436 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022670.D
Acq: 07 Oct 2021 18:17

Tgt Ion: 96 Resp: 40405

Ion	Ratio	Lower	Upper
96	100		
61	113.7	86.0	159.6
68	0.0	0.0	0.0



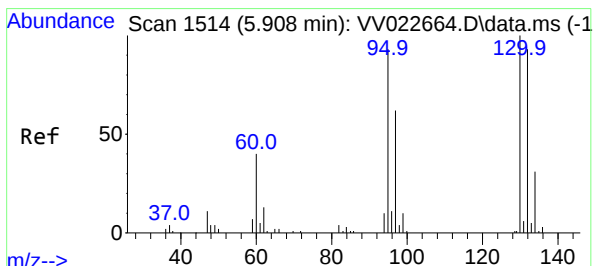
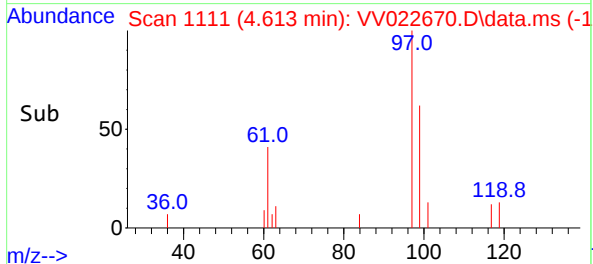
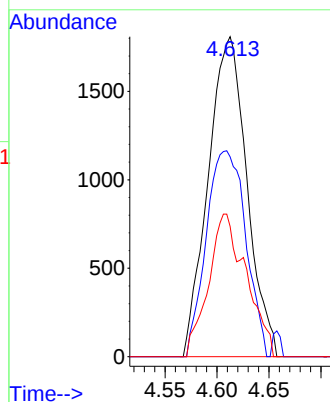
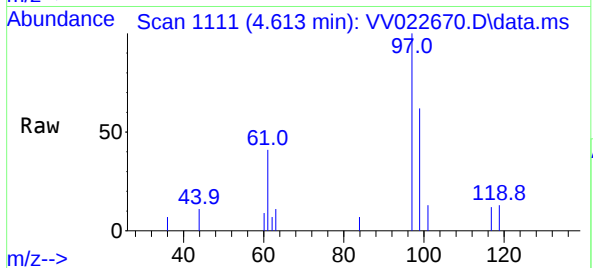


#29
1,1,1-Trichloroethane
Concen: 0.381 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.019 min
Lab File: VV022670.D
Acq: 07 Oct 2021 18:17

Instrument :
MSVOA_V
ClientSampleId :
C0AW8DL

Tgt Ion: 97 Resp: 4693

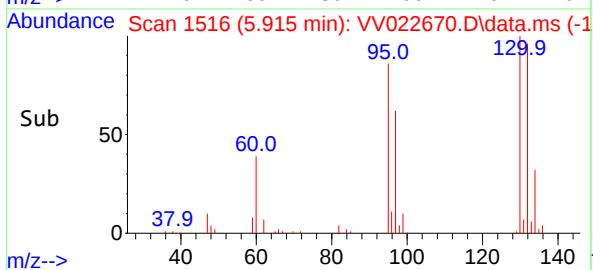
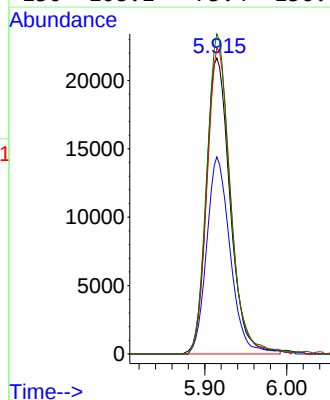
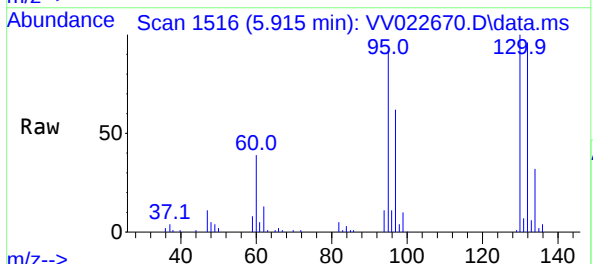
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.2	76.8
61	43.4	33.2	49.8

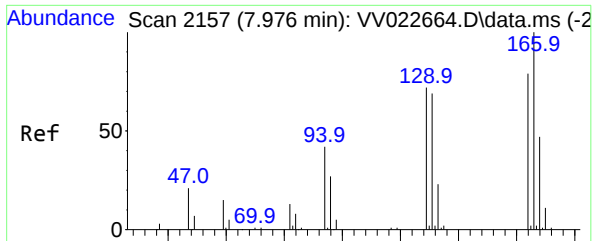


#34
Trichloroethene
Concen: 5.502 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022670.D
Acq: 07 Oct 2021 18:17

Tgt Ion: 95 Resp: 43504

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.8	85.2
132	103.3	72.2	134.0
130	108.1	73.4	136.4





#47
Tetrachloroethene
Concen: 7.433 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022670.D
Acq: 07 Oct 2021 18:17

Instrument :
MSVOA_V
ClientSampleId :
C0AW8DL

Tgt Ion:164 Resp: 47531

Ion	Ratio	Lower	Upper
164	100		
129	90.1	65.0	120.6
131	86.3	62.2	115.4
166	124.7	89.2	165.8

