

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072122\
 Data File : VV026867.D
 Acq On : 21 Jul 2022 12:01
 Operator : SY/MD
 Sample : N3802-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX2DL

Quant Time: Jul 22 05:54:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

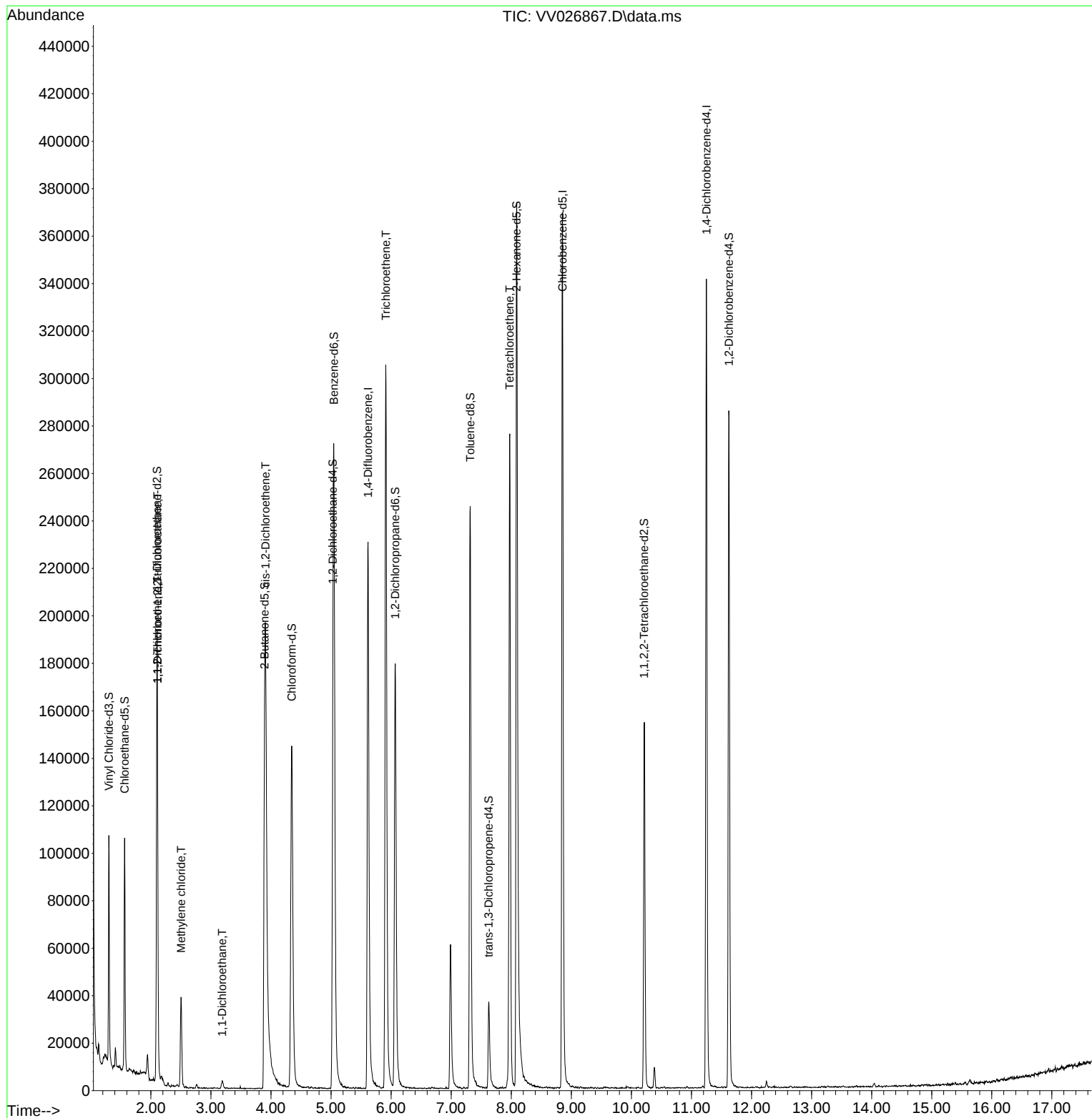
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	209771	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	219424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92016	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	60300	3.151	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.000%	
7) Chloroethane-d5	1.565	69	64523	3.902	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.101	63	85819	2.336	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	46.800%#	
20) 2-Butanone-d5	3.892	46	194968	65.277	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.560%#	
24) Chloroform-d	4.346	84	156547	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.031	65	74172	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.047	84	253530	3.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.000%	
36) 1,2-Dichloropropane-d6	6.069	67	94773	4.741	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.317	98	176207	2.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	59.600%#	
43) trans-1,3-Dichloroprop...	7.625	79	24266	3.710	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.088	63	139524	49.270	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.540%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	78367	5.032	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	77856	4.856	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13603	0.717	ug/L	97
12) 1,1-Dichloroethene	2.111	96	2618	0.142	ug/L #	1
16) Methylene chloride	2.503	84	16054	0.733	ug/L	95
19) 1,1-Dichloroethane	3.188	63	3599	0.117	ug/L #	86
22) cis-1,2-Dichloroethene	3.908	96	68484	4.017	ug/L	97
34) Trichloroethene	5.912	95	111576	6.188	ug/L	97
47) Tetrachloroethene	7.976	164	63621	4.499	ug/L	97

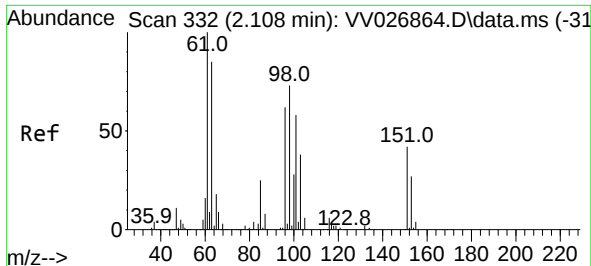
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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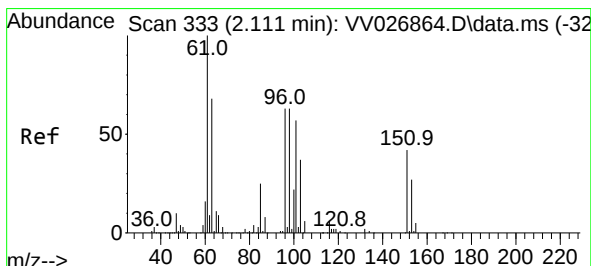
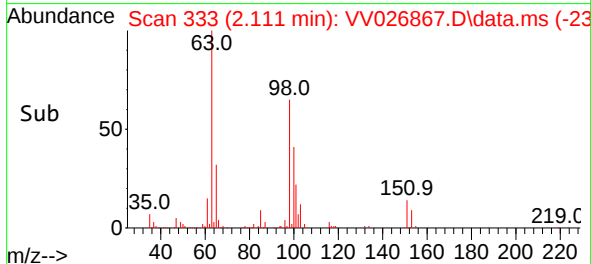
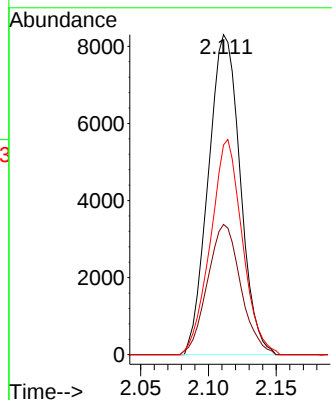
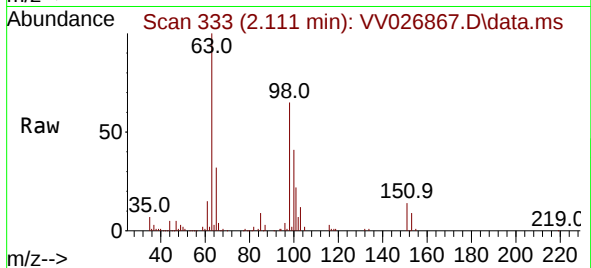




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.717 ug/L
RT: 2.111 min Scan# 332
Delta R.T. 0.003 min
Lab File: VV026867.D
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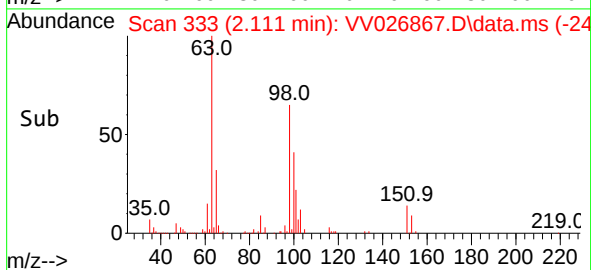
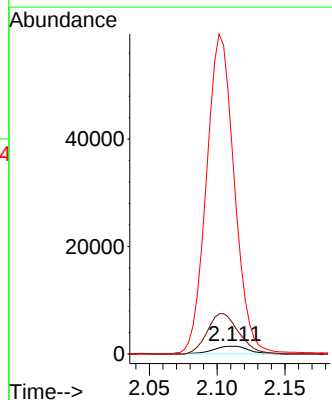
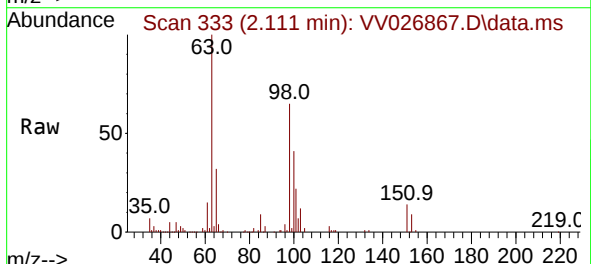
Instrument :
MSVOA_V
ClientSampleId :
GBHX2DL

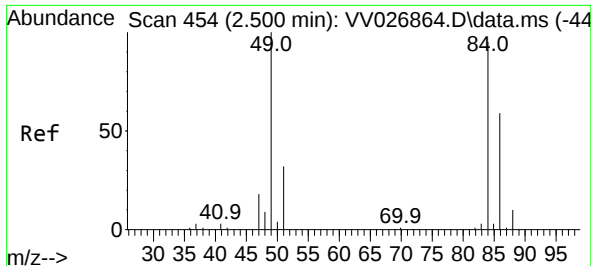
Tgt Ion:101 Resp: 13603
Ion Ratio Lower Upper
101 100
85 42.5 35.0 52.4
151 67.2 56.7 85.1



#12
1,1-Dichloroethene
Concen: 0.142 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV026867.D
Acq: 21 Jul 2022 12:01

Tgt Ion: 96 Resp: 2618
Ion Ratio Lower Upper
96 100
61 410.0 118.3 219.7#
63 2650.5 79.9 148.3#

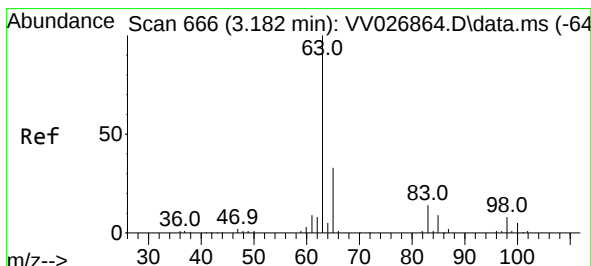
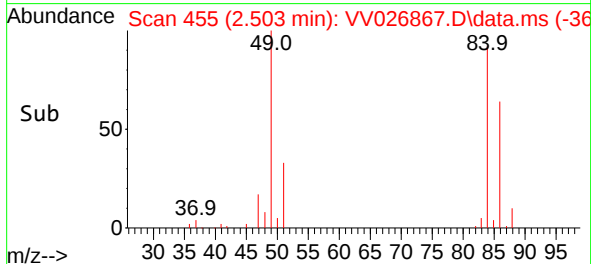
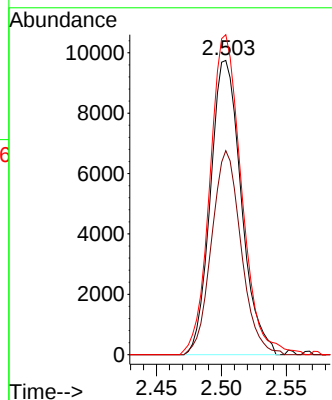
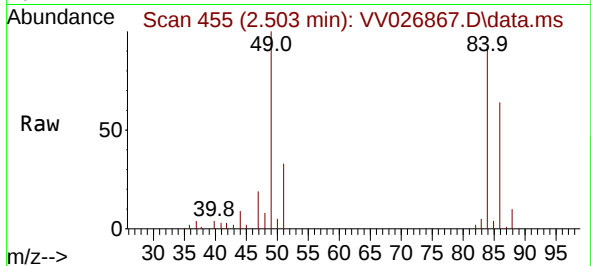




#16
Methylene chloride
Concen: 0.733 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026867.D
Acq: 21 Jul 2022 12:01

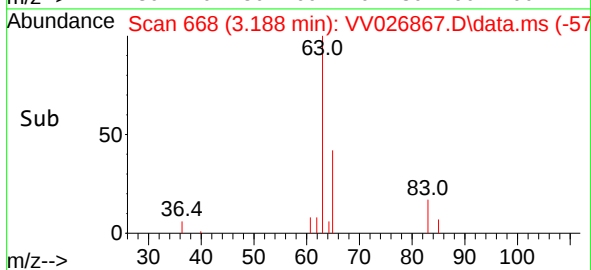
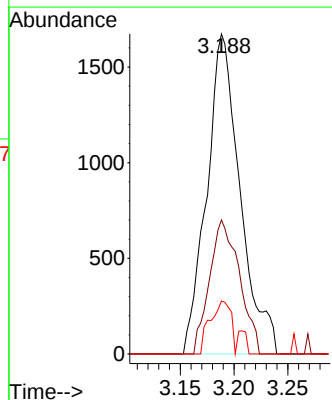
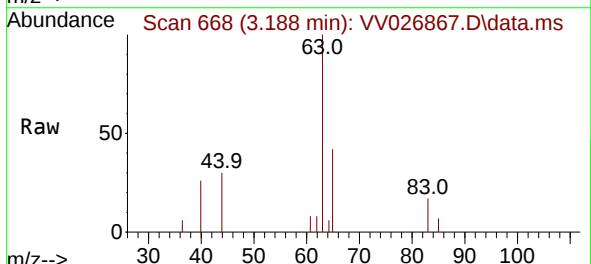
Instrument :
MSVOA_V
ClientSampleId :
GBHX2DL

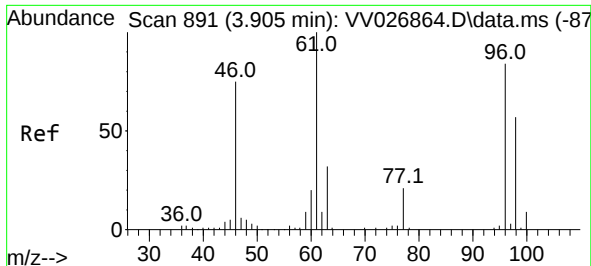
Tgt Ion: 84 Resp: 16054
Ion Ratio Lower Upper
84 100
86 69.3 44.8 83.2
49 108.7 78.7 146.1



#19
1,1-Dichloroethane
Concen: 0.117 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.007 min
Lab File: VV026867.D
Acq: 21 Jul 2022 12:01

Tgt Ion: 63 Resp: 3599
Ion Ratio Lower Upper
63 100
65 41.9 22.3 41.3#
83 16.6 9.9 18.5

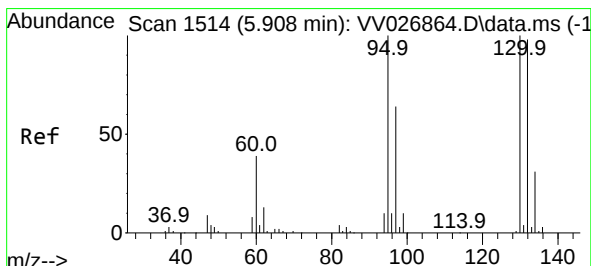
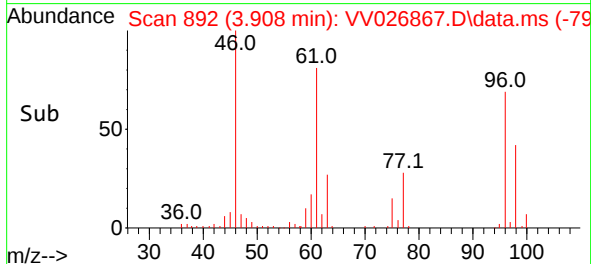
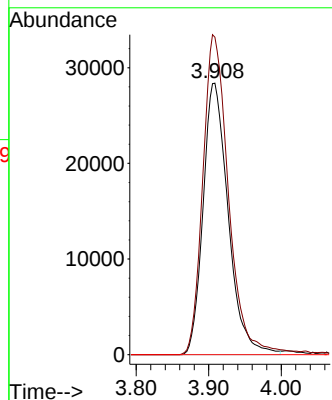
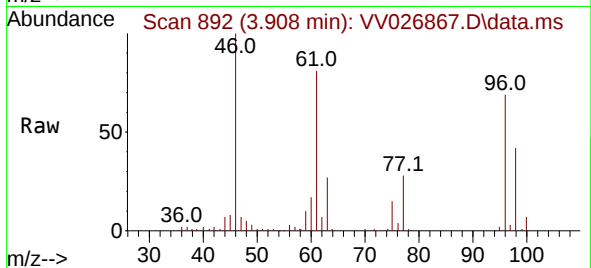




#22
 cis-1,2-Dichloroethene
 Concen: 4.017 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026867.D
 Acq: 21 Jul 2022 12:01

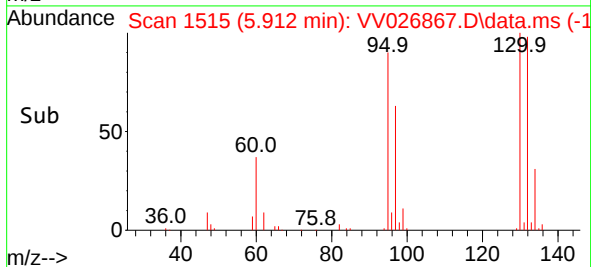
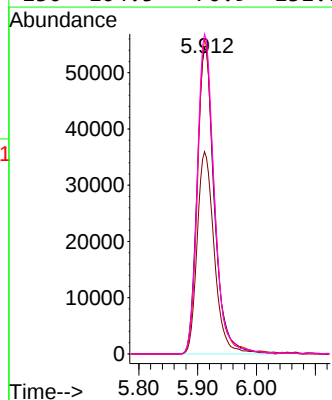
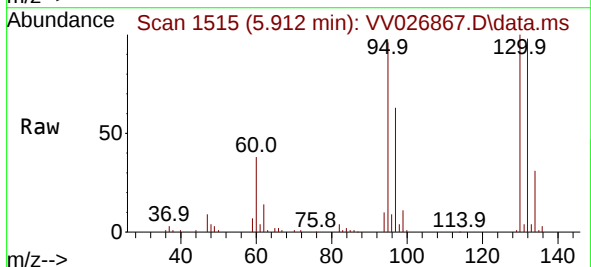
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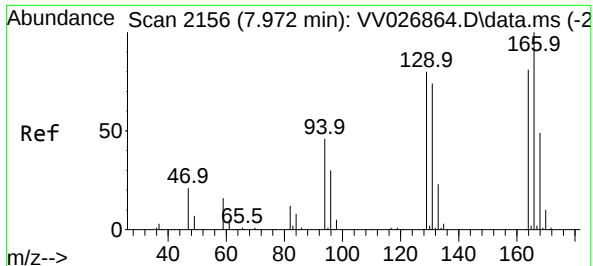
Tgt Ion: 96 Resp: 68484
 Ion Ratio Lower Upper
 96 100
 61 116.9 83.9 155.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 6.188 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.003 min
 Lab File: VV026867.D
 Acq: 21 Jul 2022 12:01

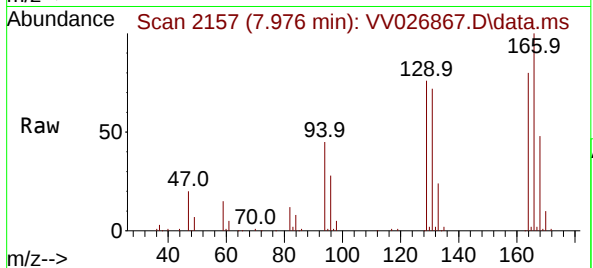
Tgt Ion: 95 Resp: 111576
 Ion Ratio Lower Upper
 95 100
 97 66.1 44.6 82.8
 132 102.8 70.2 130.4
 130 104.5 70.9 131.7





#47
 Tetrachloroethene
 Concen: 4.499 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026867.D
 Acq: 21 Jul 2022 12:01

Instrument :
 MSVOA_V
 ClientSampleId :
 GBHX2DL



Tgt Ion:164 Resp: 63621

Ion	Ratio	Lower	Upper
164	100		
129	95.2	67.8	125.8
131	89.9	65.9	122.5
166	124.6	88.8	164.8

