

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071222\
 Data File : VV026728.D
 Acq On : 12 Jul 2022 15:47
 Operator : SY/MD
 Sample : N3601-18DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB0DL

Quant Time: Jul 13 03:02:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

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

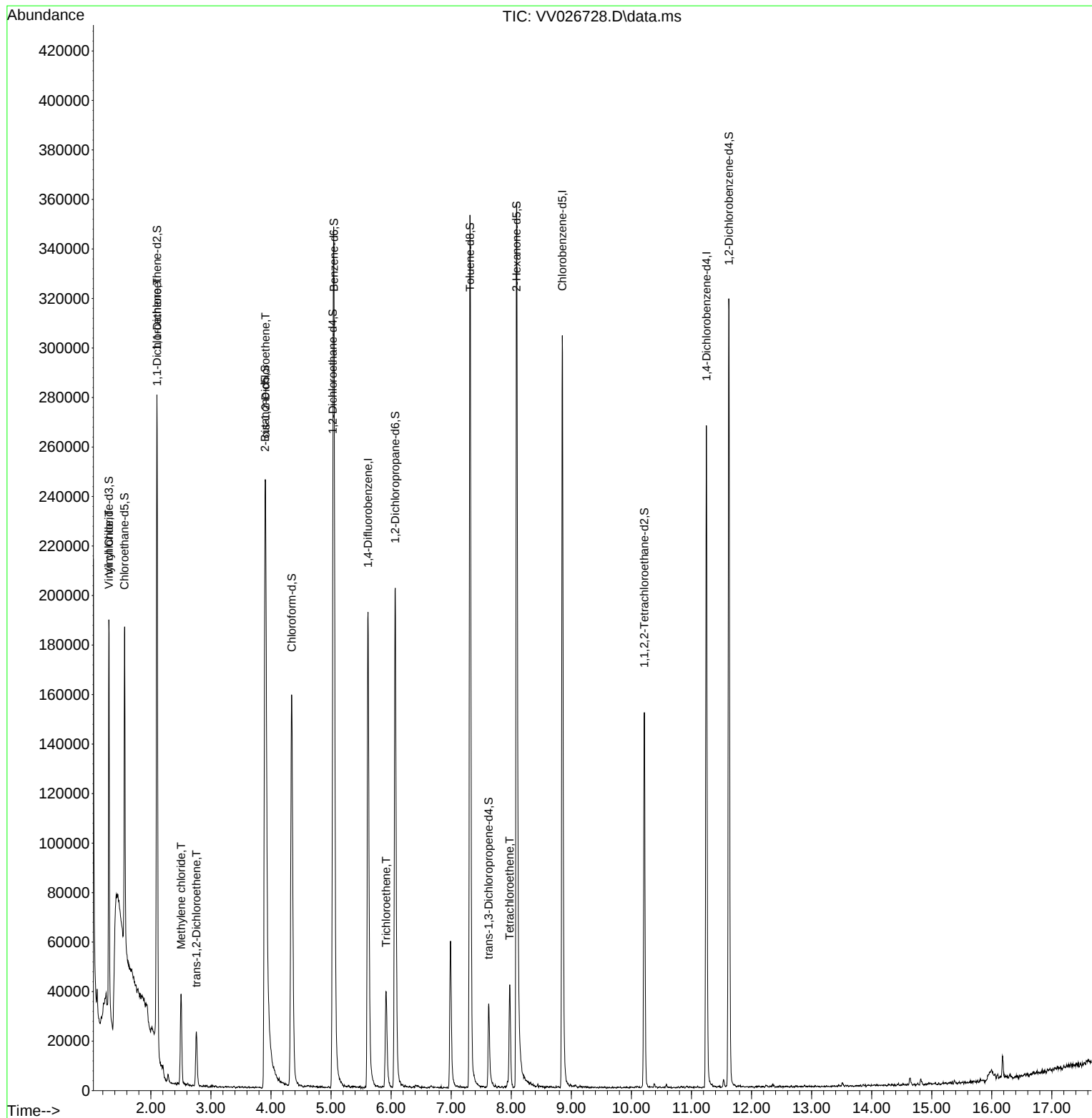
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	168670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	171207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68545	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	93503	6.077	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	121.600%	
7) Chloroethane-d5	1.561	69	84365	6.345	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	127.000%	
11) 1,1-Dichloroethene-d2	2.101	63	135240	4.578	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.902	46	171459	71.394	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	142.780%#	
24) Chloroform-d	4.346	84	168043	6.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	125.000%	
26) 1,2-Dichloroethane-d4	5.031	65	80211	6.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	136.400%#	
32) Benzene-d6	5.047	84	319768	6.147	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	123.000%	
36) 1,2-Dichloropropane-d6	6.069	67	99699	6.392	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	127.800%	
41) Toluene-d8	7.313	98	241721	5.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
43) trans-1,3-Dichloroprop...	7.625	79	21498	4.213	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.200%	
46) 2-Hexanone-d5	8.088	63	133566	60.450	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	74772	6.153	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	123.000%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	81856	6.854	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	137.000%#	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.304	62	12351	0.589	ug/L #	73
12) 1,1-Dichloroethene	2.105	96	2104	0.142	ug/L #	1
16) Methylene chloride	2.503	84	15649	0.888	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	8968	0.660	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	99982	7.293	ug/L	98
34) Trichloroethene	5.915	95	14117	1.003	ug/L	96
47) Tetrachloroethene	7.976	164	9642	0.874	ug/L	96

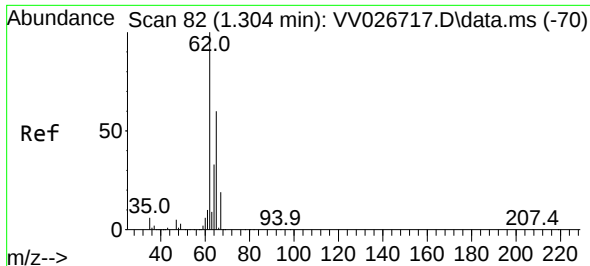
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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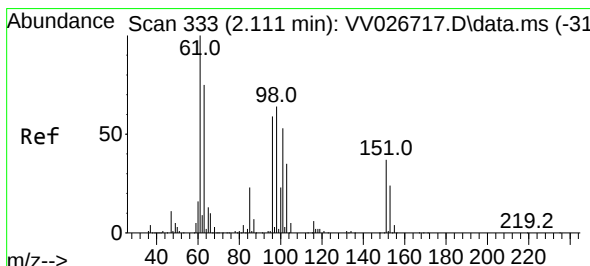
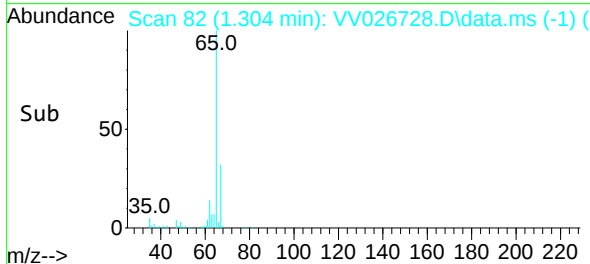
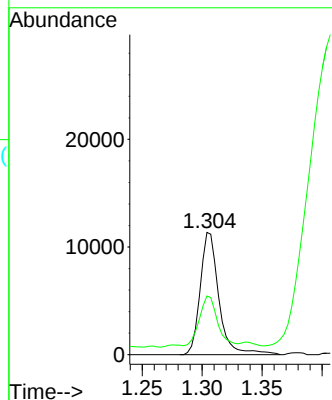
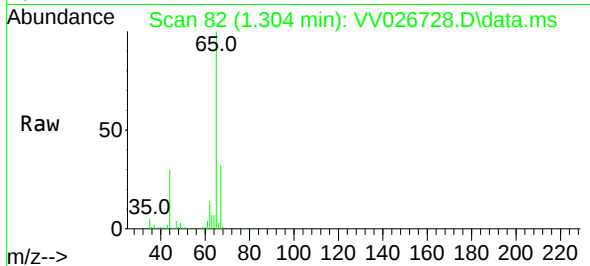




#5
 Vinyl chloride
 Concen: 0.589 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV026728.D
 Acq: 12 Jul 2022 15:47

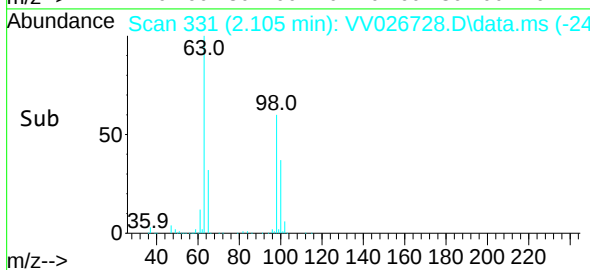
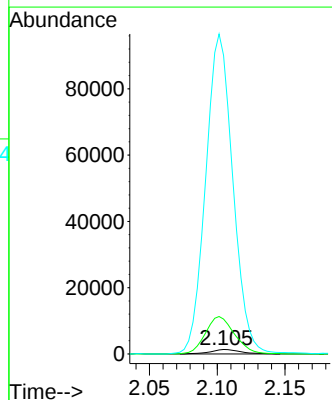
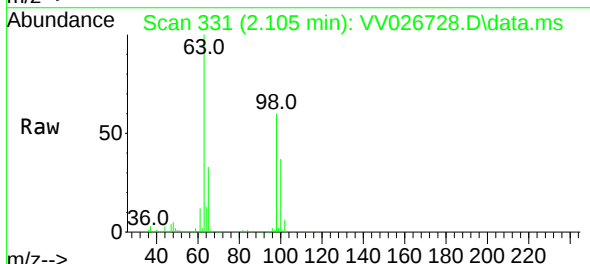
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB0DL

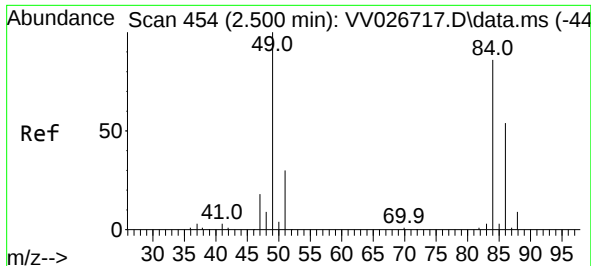
Tgt Ion: 62 Resp: 12351
 Ion Ratio Lower Upper
 62 100
 64 48.1 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 0.142 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.007 min
 Lab File: VV026728.D
 Acq: 12 Jul 2022 15:47

Tgt Ion: 96 Resp: 2104
 Ion Ratio Lower Upper
 96 100
 61 767.2 118.3 219.7#
 63 6561.4 79.9 148.3#

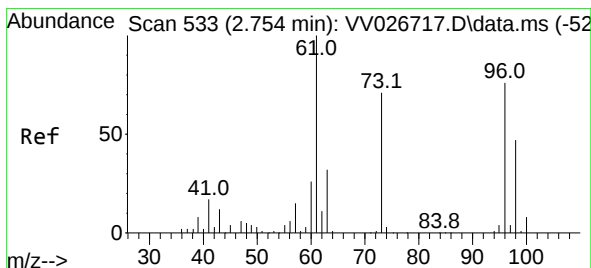
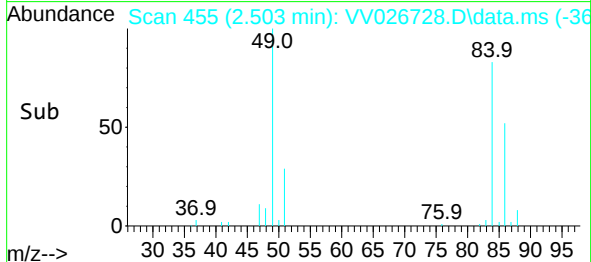
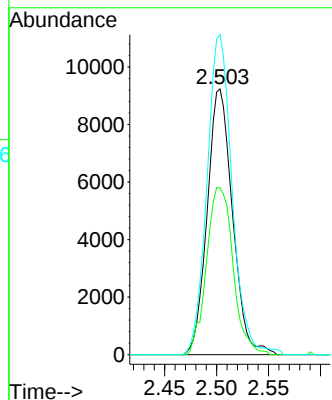
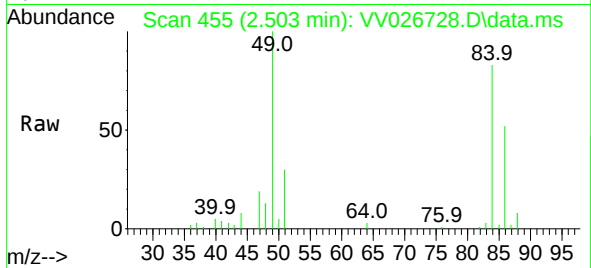




#16
Methylene chloride
Concen: 0.888 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

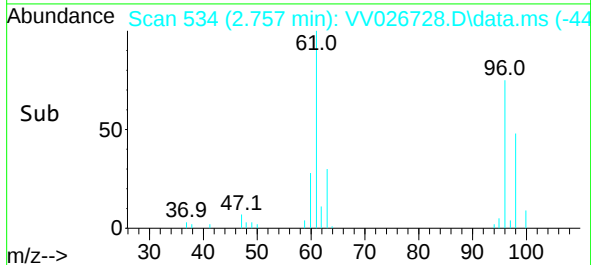
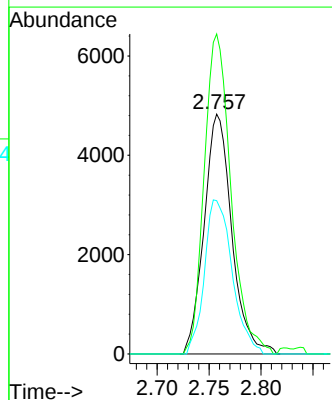
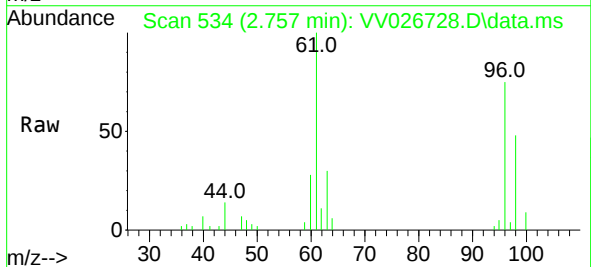
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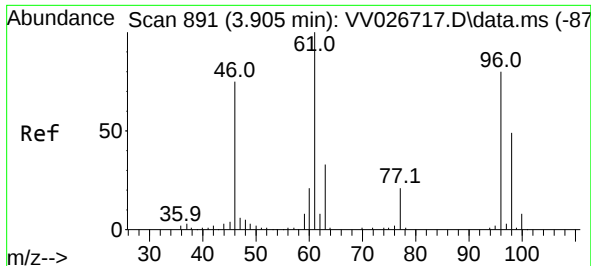
Tgt Ion: 84 Resp: 15649
Ion Ratio Lower Upper
84 100
86 62.8 44.8 83.2
49 120.4 78.7 146.1



#18
trans-1,2-Dichloroethene
Concen: 0.660 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026728.D
Acq: 12 Jul 2022 15:47

Tgt Ion: 96 Resp: 8968
Ion Ratio Lower Upper
96 100
61 133.4 94.7 175.9
98 63.9 47.4 88.0

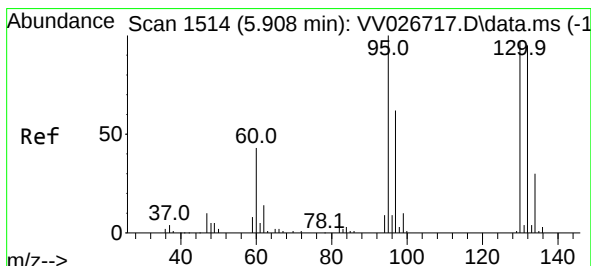
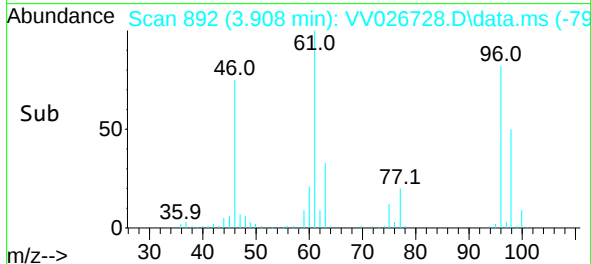
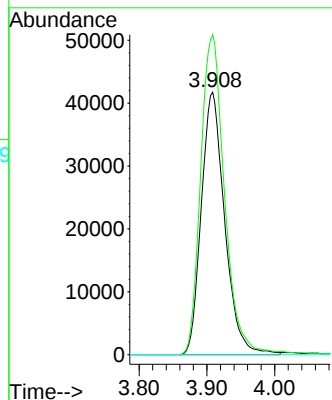
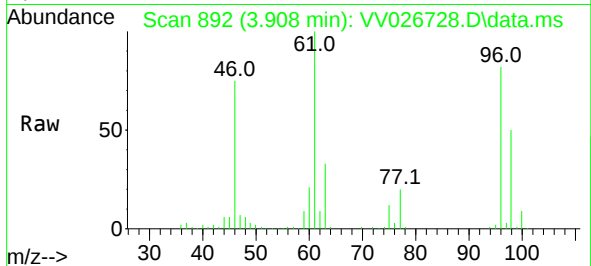




#22
 cis-1,2-Dichloroethene
 Concen: 7.293 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026728.D
 Acq: 12 Jul 2022 15:47

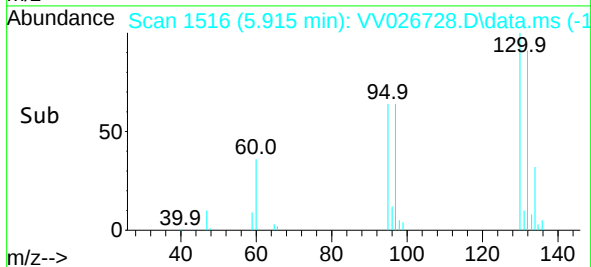
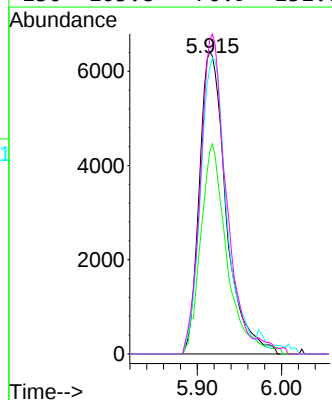
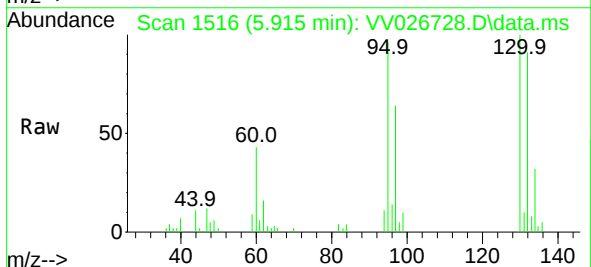
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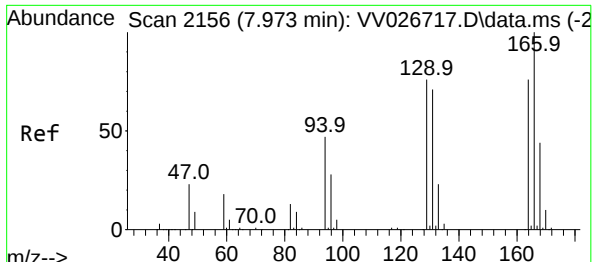
Tgt Ion: 96 Resp: 99982
 Ion Ratio Lower Upper
 96 100
 61 121.9 83.9 155.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.003 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.006 min
 Lab File: VV026728.D
 Acq: 12 Jul 2022 15:47

Tgt Ion: 95 Resp: 14117
 Ion Ratio Lower Upper
 95 100
 97 66.9 44.6 82.8
 132 94.6 70.2 130.4
 130 103.8 70.9 131.7





#47
 Tetrachloroethene
 Concen: 0.874 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026728.D
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Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB0DL

Tgt Ion:164 Resp: 9642

Ion	Ratio	Lower	Upper
164	100		
129	97.2	67.8	125.8
131	104.8	65.9	122.5
166	125.8	88.8	164.8

