

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026376.D
 Acq On : 17 Jun 2022 13:03
 Operator : SY/MD
 Sample : N3318-03DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ57DL

Quant Time: Jun 18 00:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

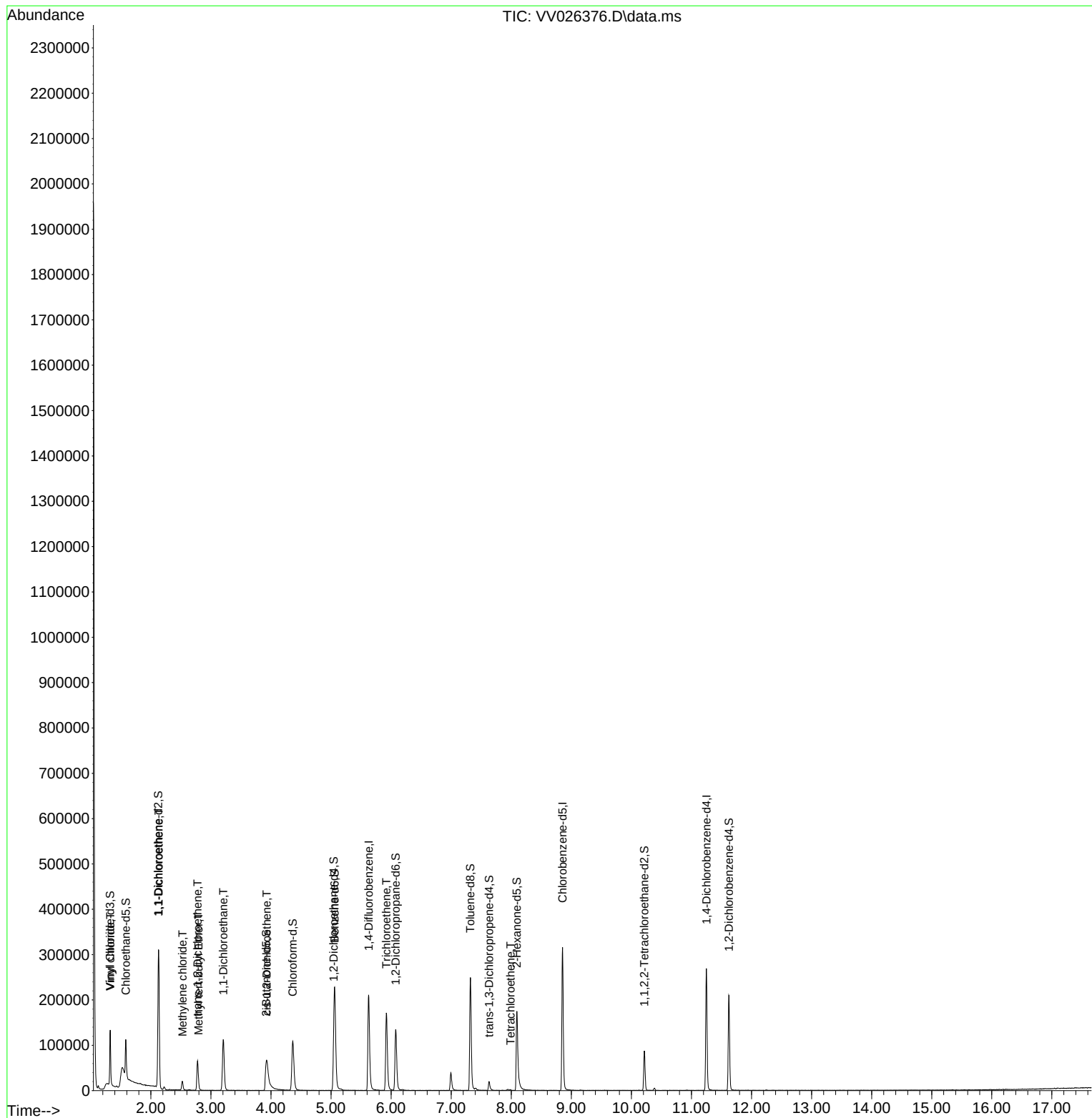
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	190567	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	182836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	57793	3.492	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.584	69	53433	4.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.200%	
11) 1,1-Dichloroethene-d2	2.124	63	117756	4.143	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	3.921	46	84758	52.479	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.960%	
24) Chloroform-d	4.362	84	116145	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.043	65	48398	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.059	84	215503	4.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.075	67	68539	4.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.320	98	171248	3.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	7.632	79	13153	2.843	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	56.800%	
46) 2-Hexanone-d5	8.091	63	60643	43.396	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44060	5.013	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56387	4.948	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.000%	
Target Compounds						
5) Vinyl chloride	1.326	62	26891	1.635	ug/L #	55
12) 1,1-Dichloroethene	2.133	96	62589	5.199	ug/L	96
16) Methylene chloride	2.526	84	8347	0.543	ug/L	95
17) Methyl tert-butyl Ether	2.796	73	1551	0.075	ug/L #	86
18) trans-1,2-Dichloroethene	2.777	96	25938	2.221	ug/L	97
19) 1,1-Dichloroethane	3.204	63	114590	5.146	ug/L	99
22) cis-1,2-Dichloroethene	3.931	96	14423	1.221	ug/L	84
34) Trichloroethene	5.921	95	62985	4.922	ug/L	98
47) Tetrachloroethene	7.989	164	530	0.056	ug/L #	56

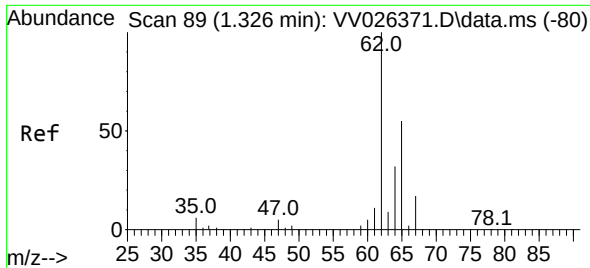
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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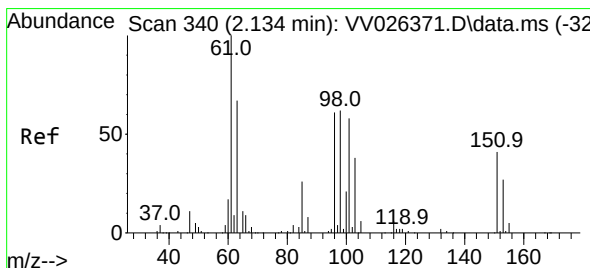
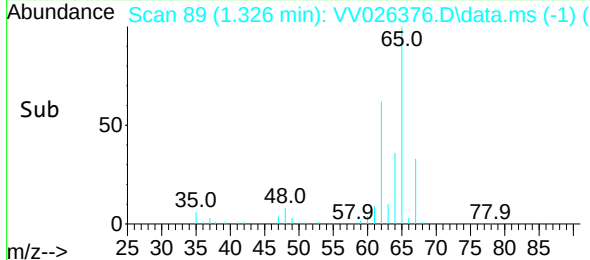
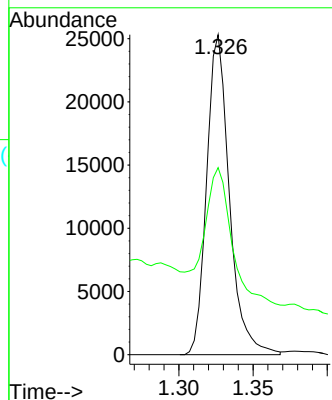
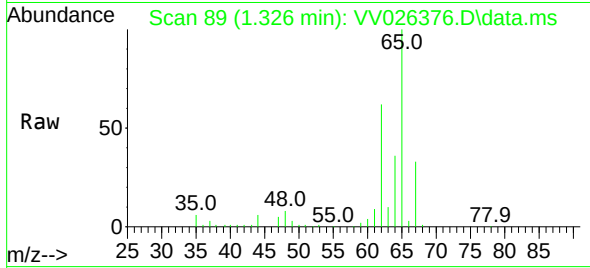




#5
 Vinyl chloride
 Concen: 1.635 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: VV026376.D
 Acq: 17 Jun 2022 13:03

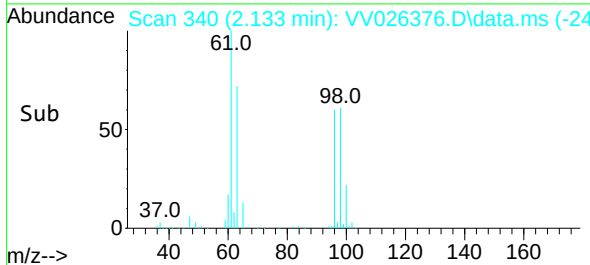
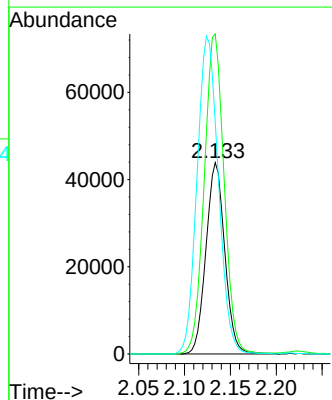
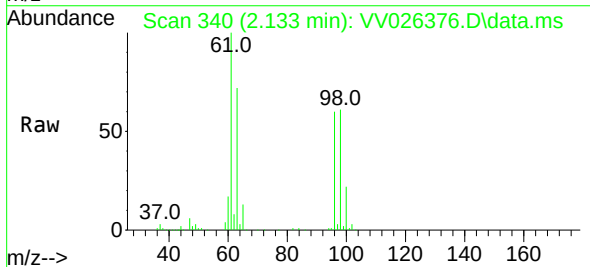
Instrument :
 MSVOA_V
 ClientSampleId :
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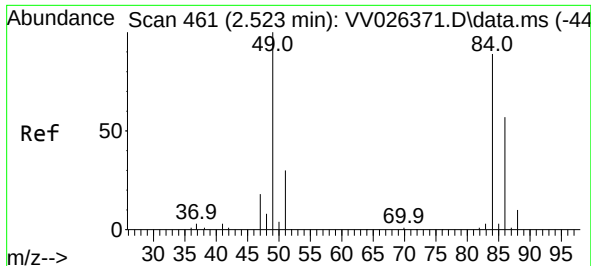
Tgt Ion: 62 Resp: 26891
 Ion Ratio Lower Upper
 62 100
 64 58.5 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 5.199 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VV026376.D
 Acq: 17 Jun 2022 13:03

Tgt Ion: 96 Resp: 62589
 Ion Ratio Lower Upper
 96 100
 61 167.3 117.1 217.5
 63 121.1 92.8 172.4

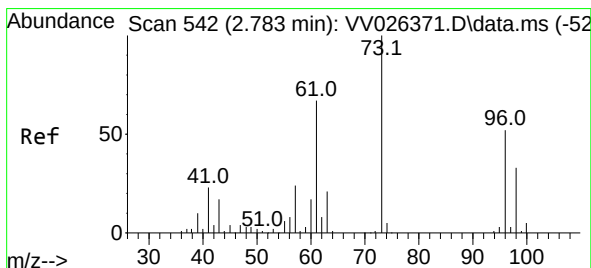
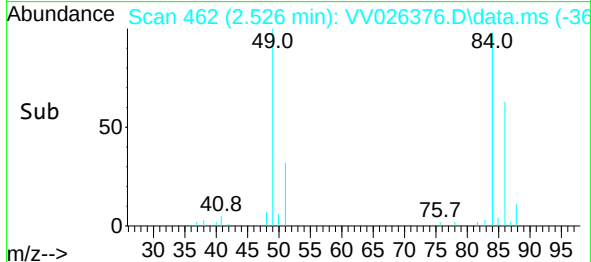
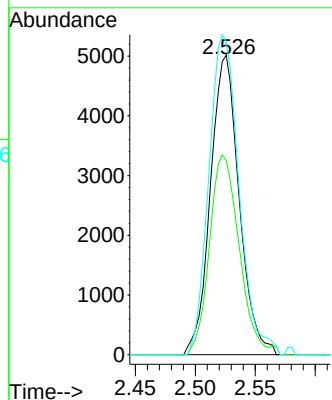
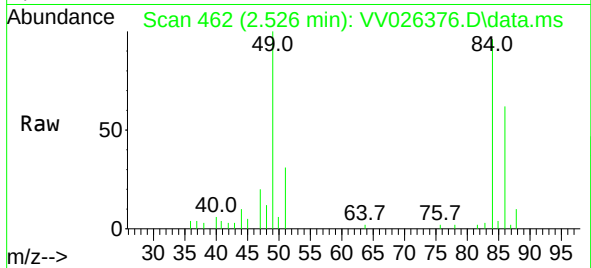




#16
Methylene chloride
Concen: 0.543 ug/L
RT: 2.526 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

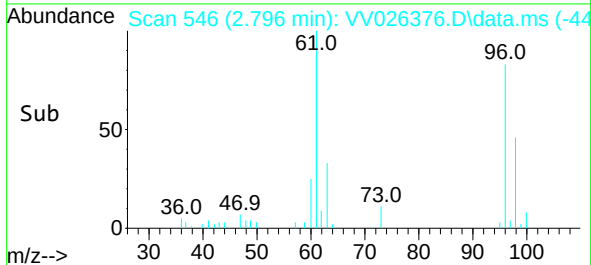
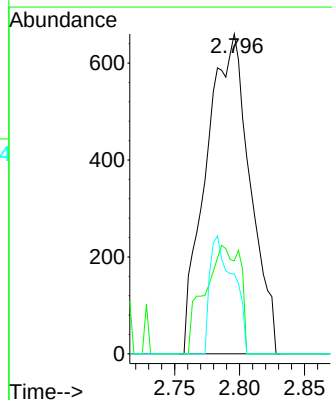
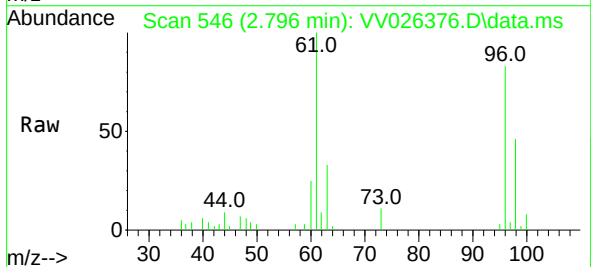
Instrument :
MSVOA_V
ClientSampleId :
BGJ57DL

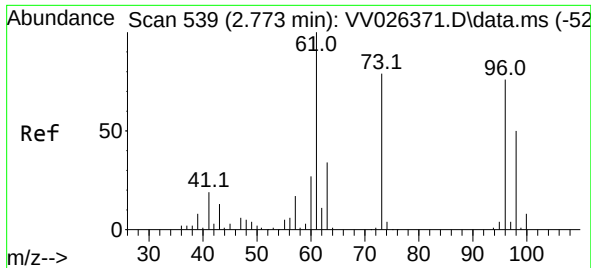
Tgt Ion: 84 Resp: 8347
Ion Ratio Lower Upper
84 100
86 64.8 44.0 81.8
49 104.3 77.3 143.7



#17
Methyl tert-butyl Ether
Concen: 0.075 ug/L
RT: 2.796 min Scan# 546
Delta R.T. 0.013 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

Tgt Ion: 73 Resp: 1551
Ion Ratio Lower Upper
73 100
43 27.3 13.0 19.6#
57 19.7 17.6 26.4

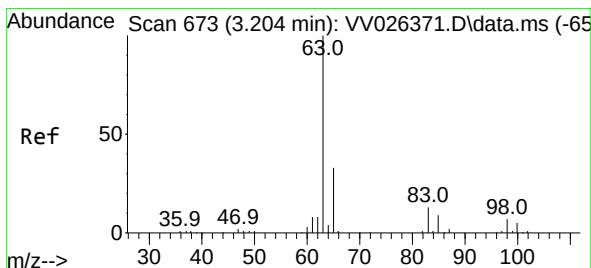
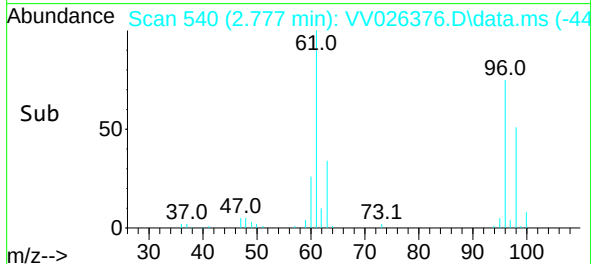
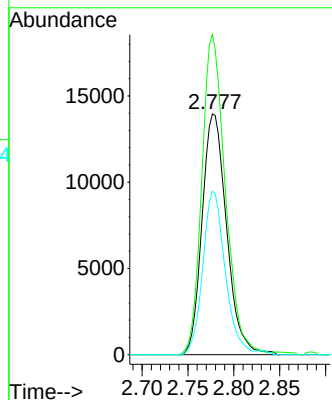
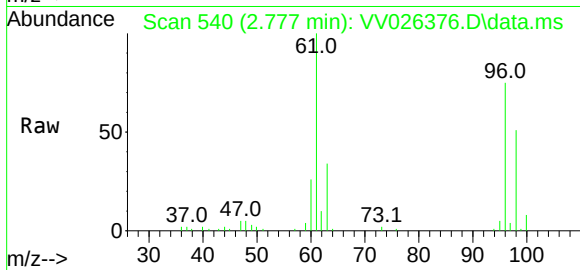




#18
trans-1,2-Dichloroethene
Concen: 2.221 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

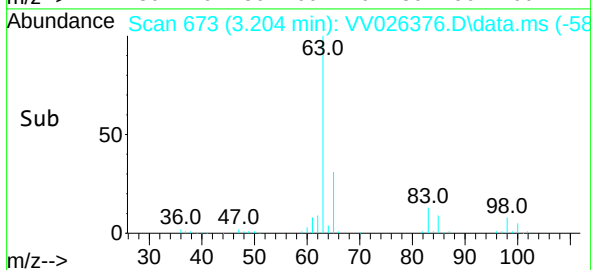
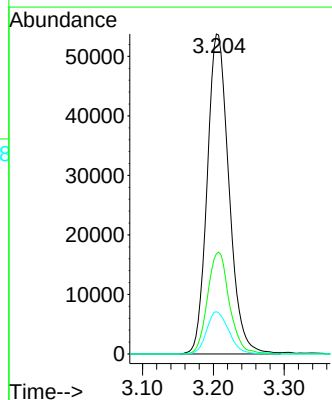
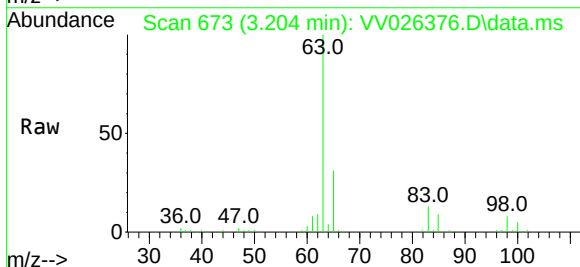
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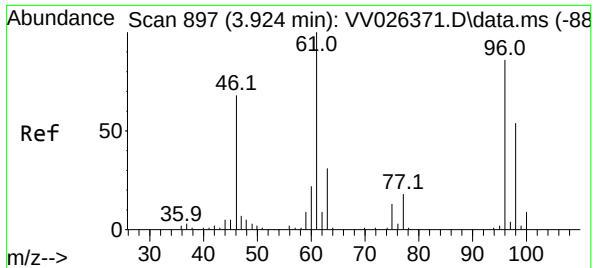
Tgt Ion: 96 Resp: 25938
Ion Ratio Lower Upper
96 100
61 132.9 91.3 169.6
98 67.9 45.3 84.1



#19
1,1-Dichloroethane
Concen: 5.146 ug/L
RT: 3.204 min Scan# 673
Delta R.T. -0.000 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

Tgt Ion: 63 Resp: 114590
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 13.2 8.9 16.5

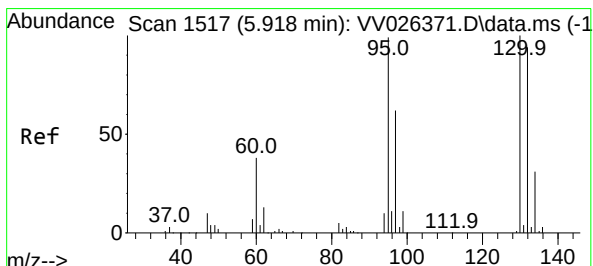
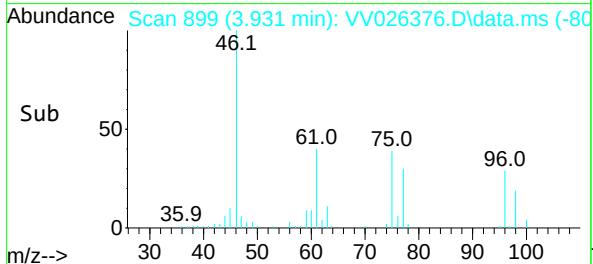
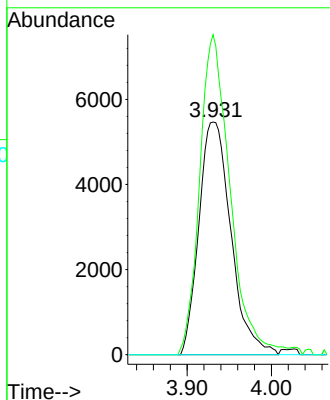
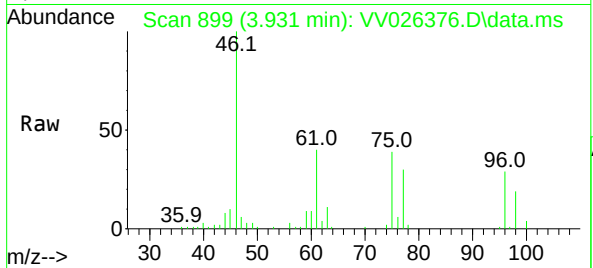




#22
cis-1,2-Dichloroethene
Concen: 1.221 ug/L
RT: 3.931 min Scan# 897
Delta R.T. 0.006 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

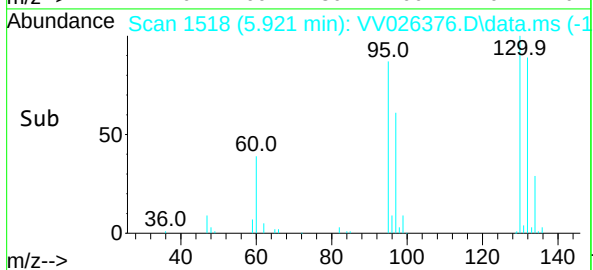
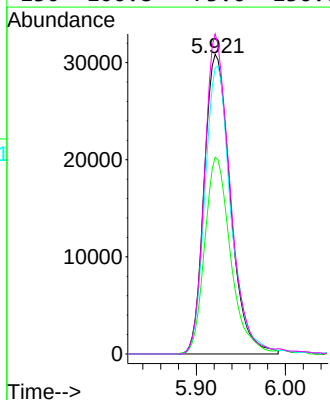
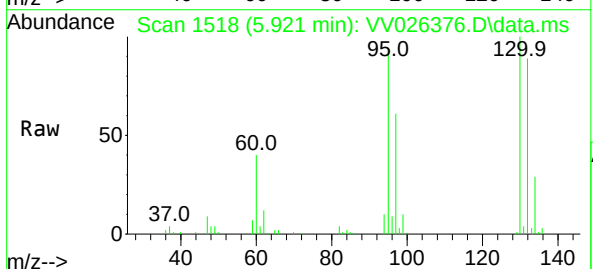
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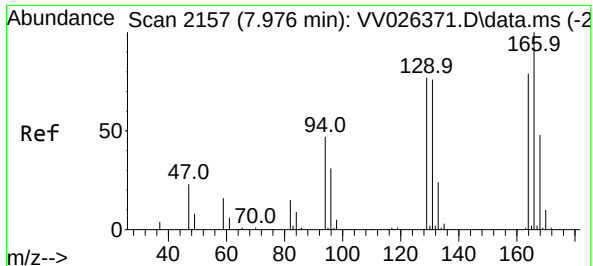
Tgt Ion: 96 Resp: 14423
Ion Ratio Lower Upper
96 100
61 137.6 83.6 155.2
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 4.922 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026376.D
Acq: 17 Jun 2022 13:03

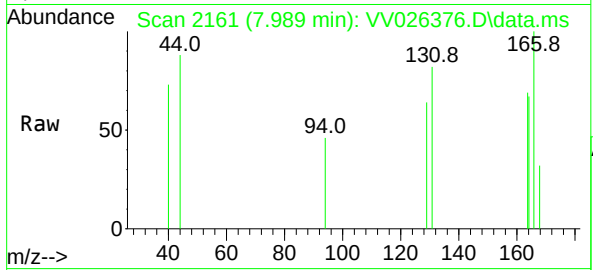
Tgt Ion: 95 Resp: 62985
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.3
132 95.4 68.8 127.8
130 106.8 73.6 136.6





#47
Tetrachloroethene
Concen: 0.056 ug/L
RT: 7.989 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV026376.D
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MSVOA_V
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Tgt Ion:	164	Resp:	530
Ion	Ratio	Lower	Upper
164	100		
129	46.8	67.5	125.3#
131	60.1	63.8	118.4#
166	73.5	89.5	166.3#

