

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026358.D
 Acq On : 17 Jun 2022 01:40
 Operator : SY/MD
 Sample : N3318-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ74

Quant Time: Jun 17 07:21:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

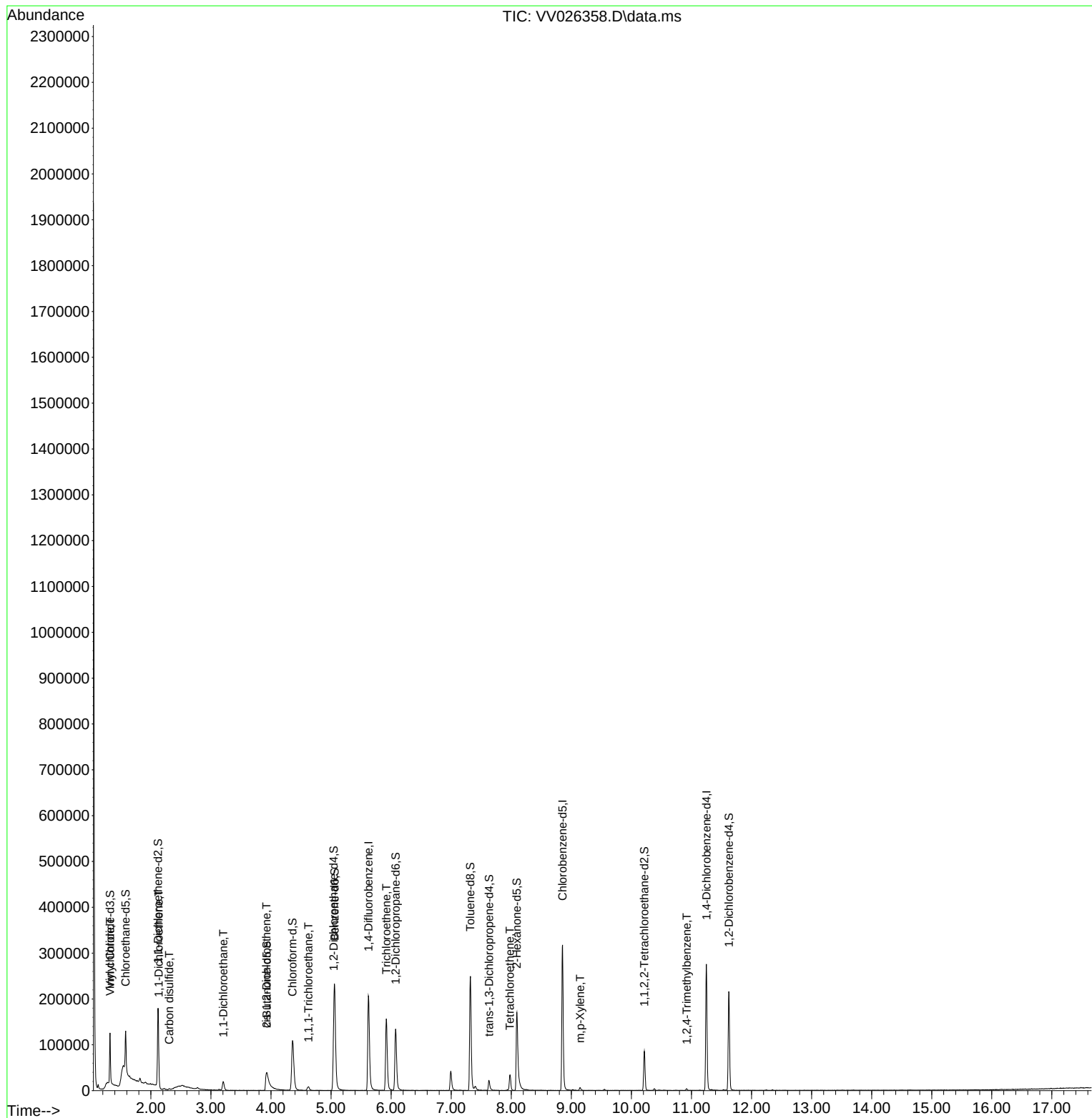
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	189533	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182473	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	61615	3.743	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.581	69	54781	4.232	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.121	63	90162	3.189	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	63.800%	
20) 2-Butanone-d5	3.931	46	79396	49.427	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.860%	
24) Chloroform-d	4.359	84	118518	4.912	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.044	65	47885	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.060	84	220156	4.513	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.076	67	68174	4.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.320	98	173657	3.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	7.632	79	14331	3.104	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.000%	
46) 2-Hexanone-d5	8.092	63	61462	44.070	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.140%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43911	5.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	56588	4.940	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
5) Vinyl chloride	1.323	62	10349	0.633	ug/L #	1
12) 1,1-Dichloroethene	2.130	96	4105	0.343	ug/L #	1
14) Carbon disulfide	2.307	76	3391	0.115	ug/L	96
19) 1,1-Dichloroethane	3.204	63	19990	0.903	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	5612	0.478	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	6869	0.341	ug/L	97
34) Trichloroethene	5.921	95	56029	4.387	ug/L	98
47) Tetrachloroethene	7.979	164	8214	0.868	ug/L	94
53) m,p-Xylene	9.146	106	1967	0.102	ug/L	90
63) 1,2,4-Trimethylbenzene	10.921	105	2366	0.076	ug/L	96

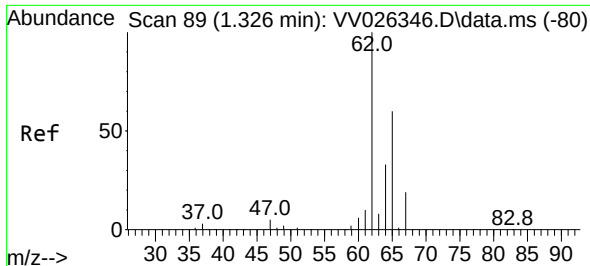
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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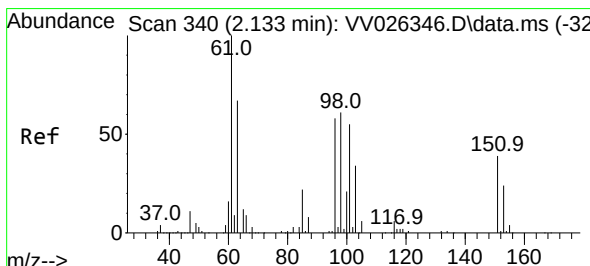
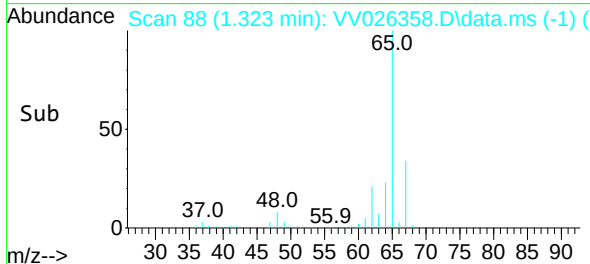
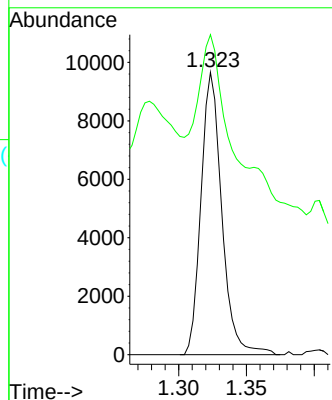
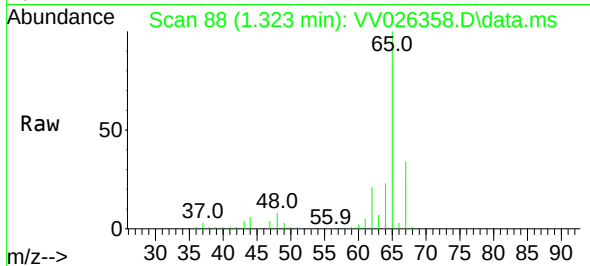




#5
 Vinyl chloride
 Concen: 0.633 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026358.D
 Acq: 17 Jun 2022 01:40

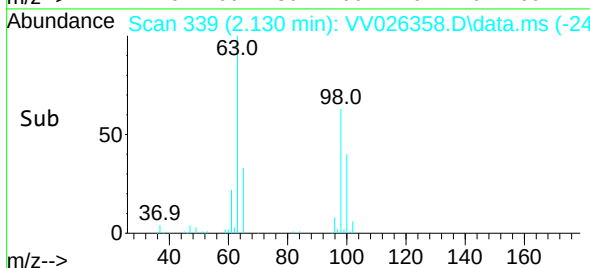
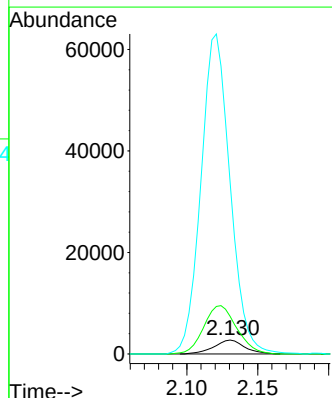
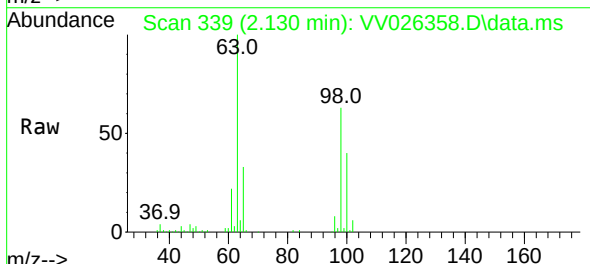
Instrument :
 MSVOA_V
 ClientSampleId :
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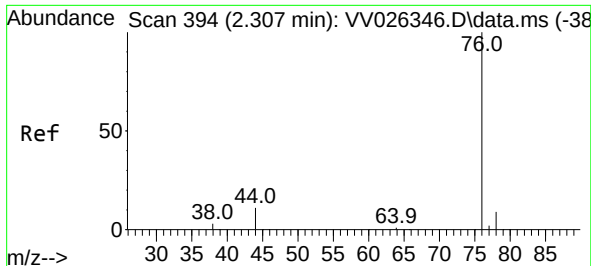
Tgt Ion: 62 Resp: 10349
 Ion Ratio Lower Upper
 62 100
 64 113.3 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.343 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.003 min
 Lab File: VV026358.D
 Acq: 17 Jun 2022 01:40

Tgt Ion: 96 Resp: 4105
 Ion Ratio Lower Upper
 96 100
 61 269.7 117.1 217.5#
 63 1232.8 92.8 172.4#

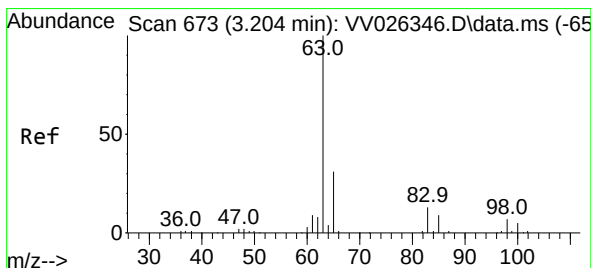
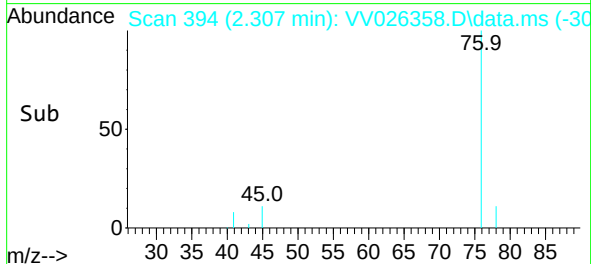
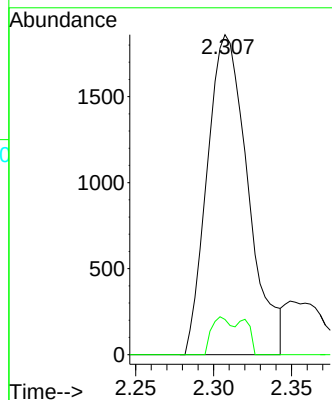
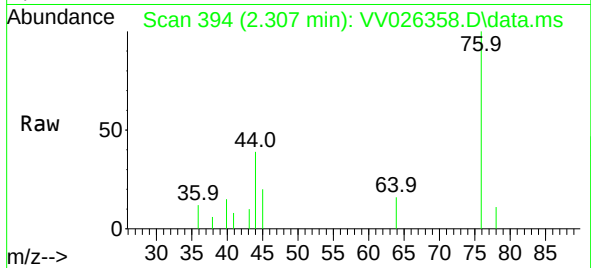




#14
Carbon disulfide
Concen: 0.115 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.000 min
Lab File: VV026358.D
Acq: 17 Jun 2022 01:40

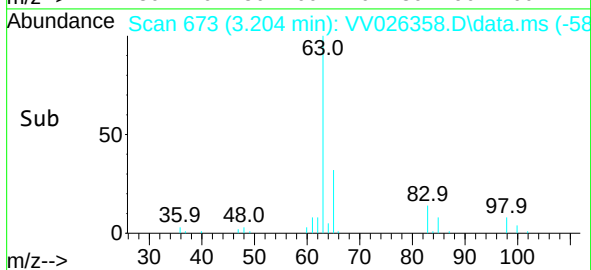
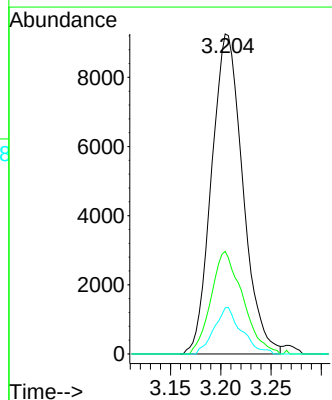
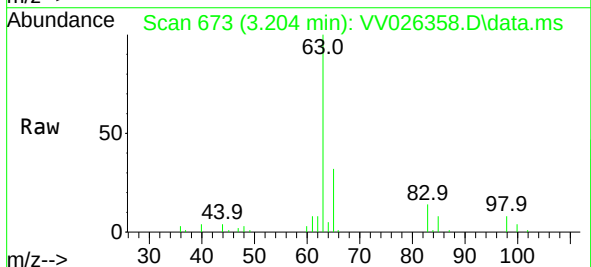
Instrument :
MSVOA_V
ClientSampleId :
BGJ74

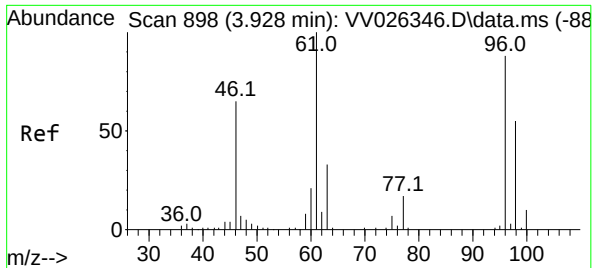
Tgt Ion: 76 Resp: 3391
Ion Ratio Lower Upper
76 100
78 11.0 7.7 11.5



#19
1,1-Dichloroethane
Concen: 0.903 ug/L
RT: 3.204 min Scan# 673
Delta R.T. 0.000 min
Lab File: VV026358.D
Acq: 17 Jun 2022 01:40

Tgt Ion: 63 Resp: 19990
Ion Ratio Lower Upper
63 100
65 32.1 22.3 41.3
83 14.4 8.9 16.5

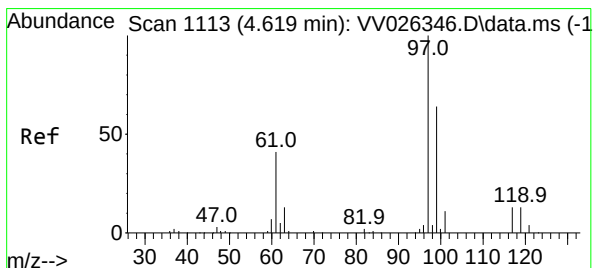
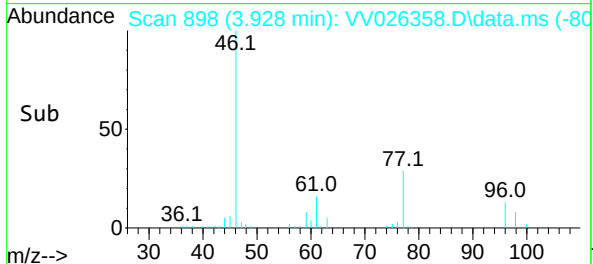
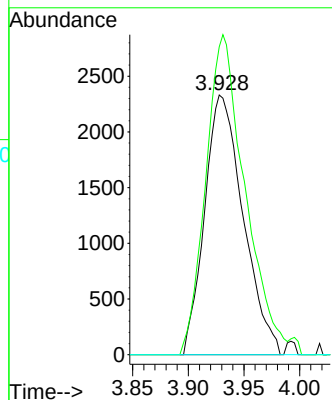
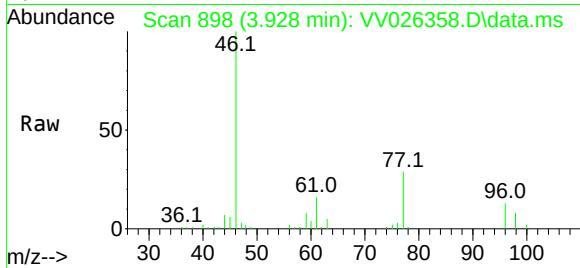




#22
 cis-1,2-Dichloroethene
 Concen: 0.478 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VV026358.D
 Acq: 17 Jun 2022 01:40

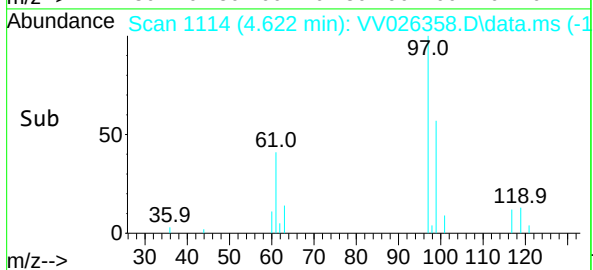
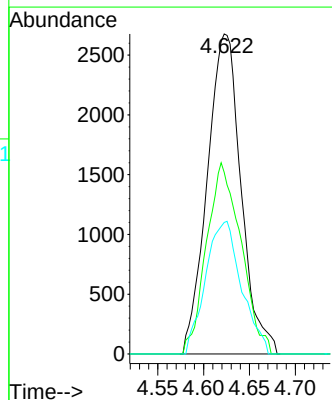
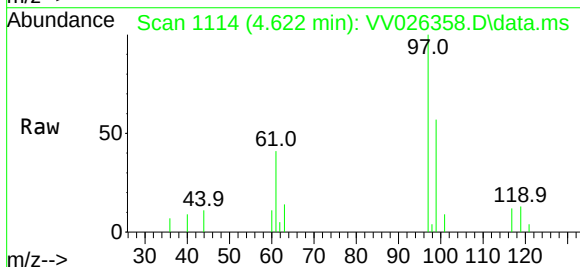
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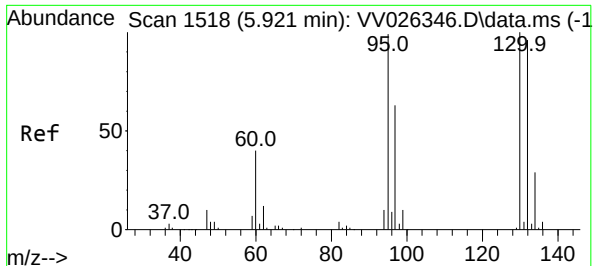
Tgt Ion: 96 Resp: 5612
 Ion Ratio Lower Upper
 96 100
 61 118.5 83.6 155.2
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.341 ug/L
 RT: 4.622 min Scan# 1114
 Delta R.T. 0.003 min
 Lab File: VV026358.D
 Acq: 17 Jun 2022 01:40

Tgt Ion: 97 Resp: 6869
 Ion Ratio Lower Upper
 97 100
 99 61.0 50.3 75.5
 61 43.9 33.4 50.0



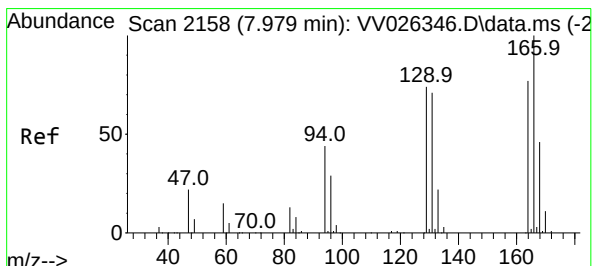
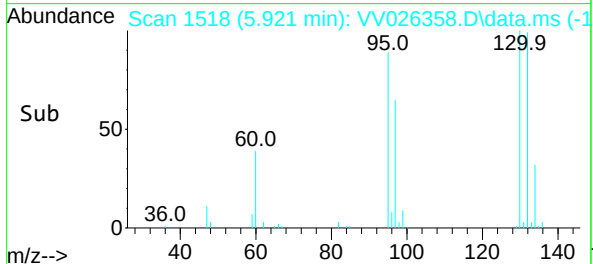
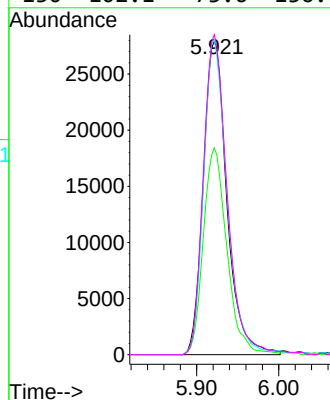
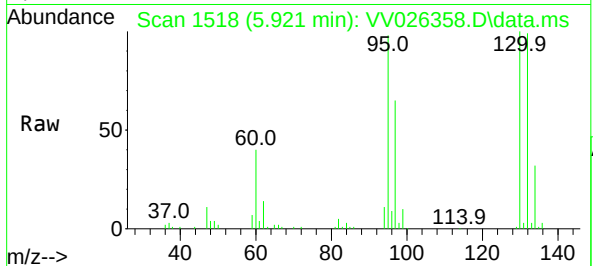


#34
 Trichloroethene
 Concen: 4.387 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV026358.D
 Acq: 17 Jun 2022 01:40

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ74

Tgt Ion: 95 Resp: 56029

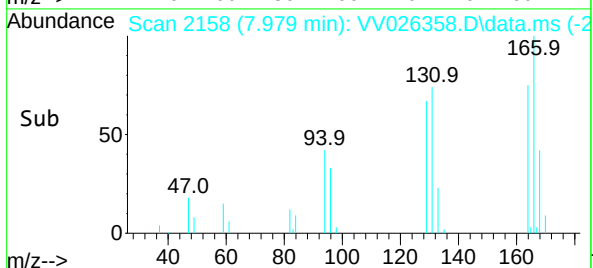
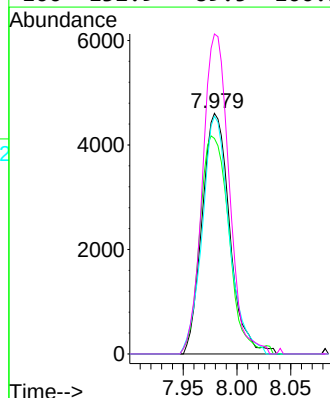
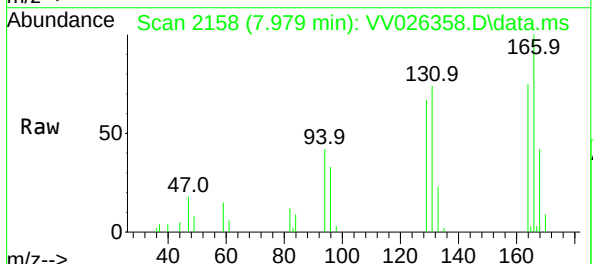
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.5	86.3
132	100.6	68.8	127.8
130	102.1	73.6	136.6

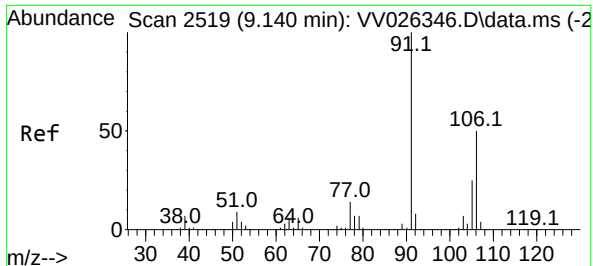


#47
 Tetrachloroethene
 Concen: 0.868 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.000 min
 Lab File: VV026358.D
 Acq: 17 Jun 2022 01:40

Tgt Ion: 164 Resp: 8214

Ion	Ratio	Lower	Upper
164	100		
129	89.5	67.5	125.3
131	98.8	63.8	118.4
166	132.9	89.5	166.3

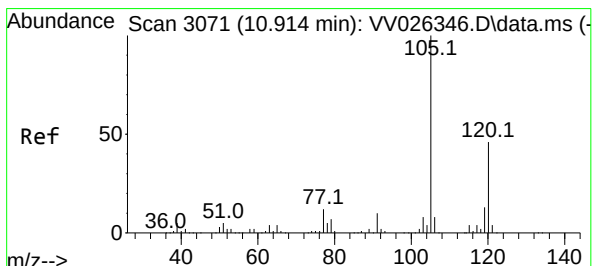
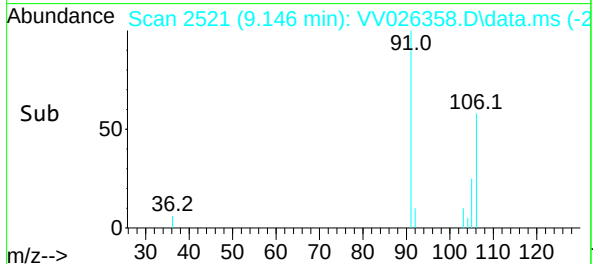
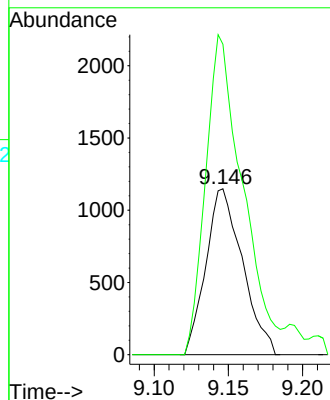
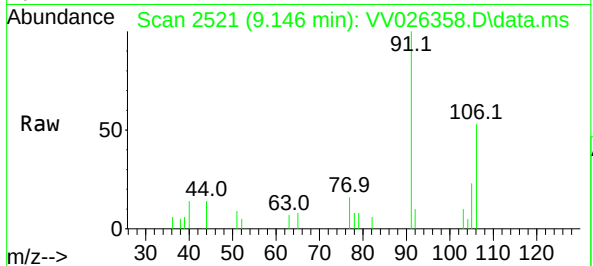




#53
m,p-Xylene
Concen: 0.102 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV026358.D
Acq: 17 Jun 2022 01:40

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 1967
Ion Ratio Lower Upper
106 100
91 187.0 141.3 262.3



#63
1,2,4-Trimethylbenzene
Concen: 0.076 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.007 min
Lab File: VV026358.D
Acq: 17 Jun 2022 01:40

Tgt Ion:105 Resp: 2366
Ion Ratio Lower Upper
105 100
120 48.8 36.9 55.3

