

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026381.D
 Acq On : 17 Jun 2022 15:01
 Operator : SY/MD
 Sample : N3318-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ74

Quant Time: Jun 18 00:04:44 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)

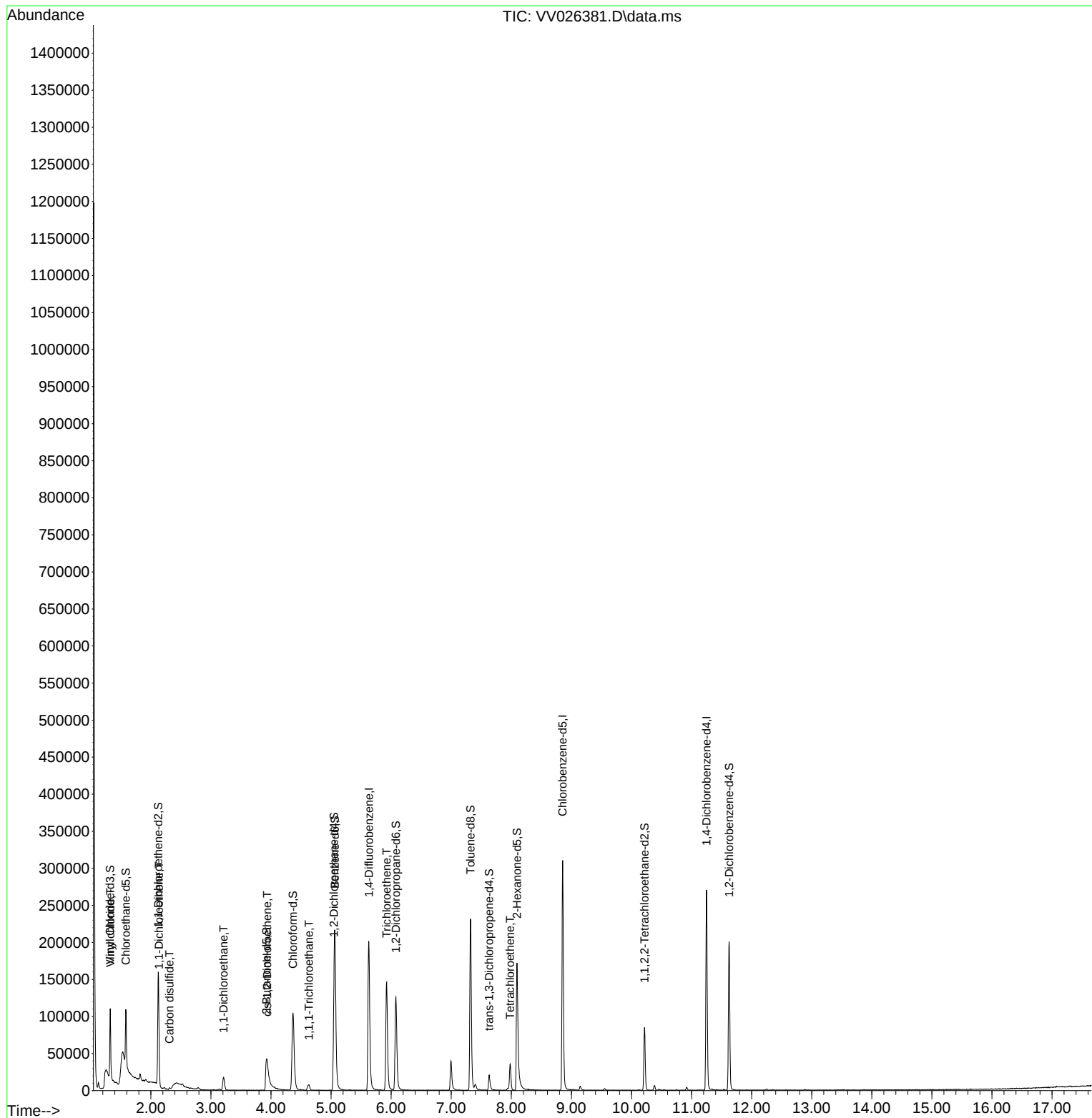
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	180948	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	175983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	52588	3.346	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.000%	
7) Chloroethane-d5	1.584	69	49162	3.978	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.124	63	81368	3.015	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.925	46	79642	51.932	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.860%	
24) Chloroform-d	4.365	84	111914	4.858	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.047	65	46324	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.063	84	202673	4.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.079	67	64783	4.718	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.320	98	162395	3.785	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	7.632	79	13975	3.139	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.800%	
46) 2-Hexanone-d5	8.095	63	58927	43.810	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.620%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42371	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54393	4.809	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.327	62	11085	0.710	ug/L #	1
12) 1,1-Dichloroethene	2.134	96	3310	0.290	ug/L #	1
14) Carbon disulfide	2.310	76	2503	0.089	ug/L #	87
19) 1,1-Dichloroethane	3.211	63	18267	0.864	ug/L	99
22) cis-1,2-Dichloroethene	3.937	96	5649	0.504	ug/L	88
29) 1,1,1-Trichloroethane	4.629	97	6471	0.333	ug/L	94
34) Trichloroethene	5.924	95	53233	4.322	ug/L	98
47) Tetrachloroethene	7.979	164	7916	0.868	ug/L	94

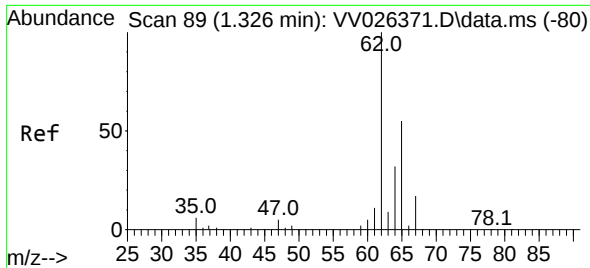
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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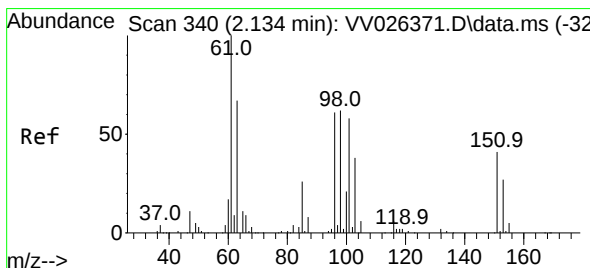
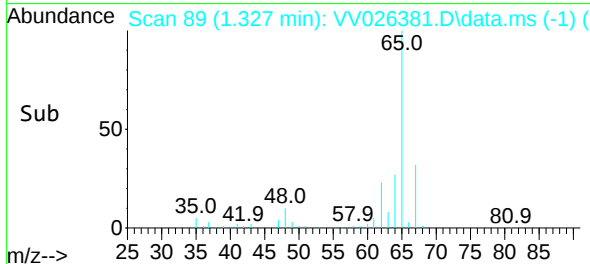
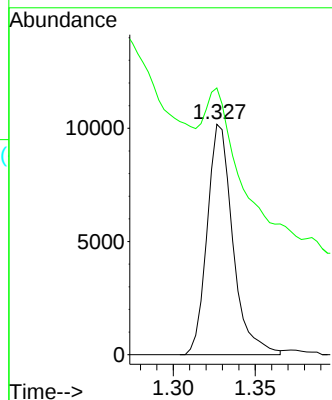
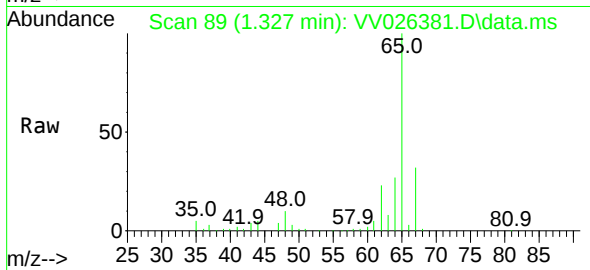




#5
 Vinyl chloride
 Concen: 0.710 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026381.D
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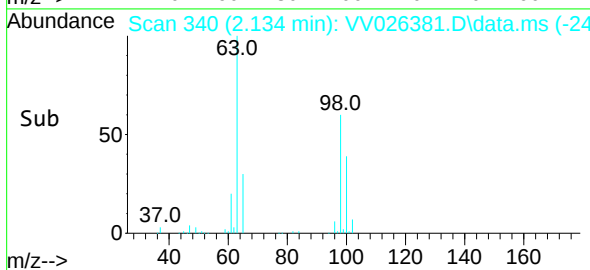
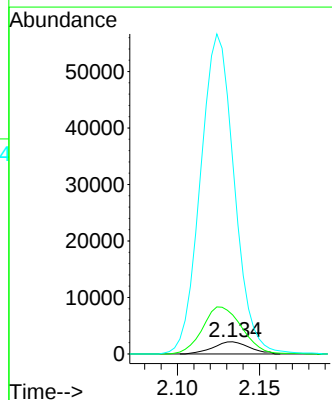
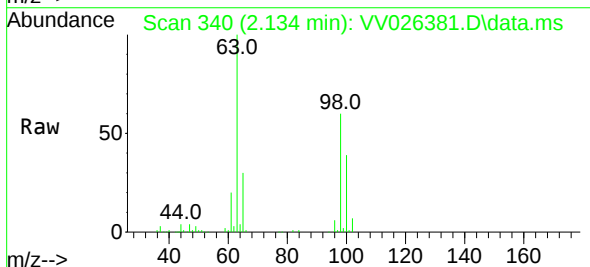
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ74

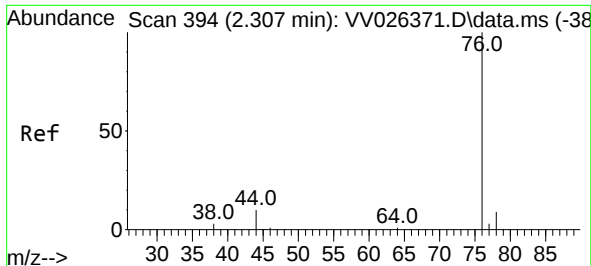
Tgt Ion: 62 Resp: 11085
 Ion Ratio Lower Upper
 62 100
 64 115.8 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.290 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026381.D
 Acq: 17 Jun 2022 15:01

Tgt Ion: 96 Resp: 3310
 Ion Ratio Lower Upper
 96 100
 61 322.6 117.1 217.5#
 63 1597.8 92.8 172.4#

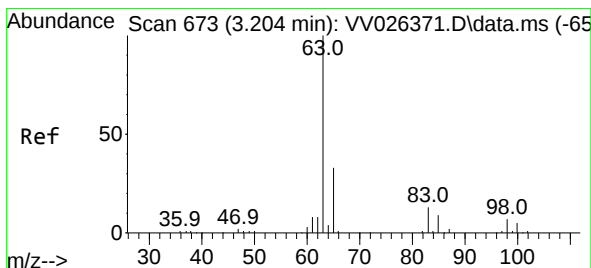
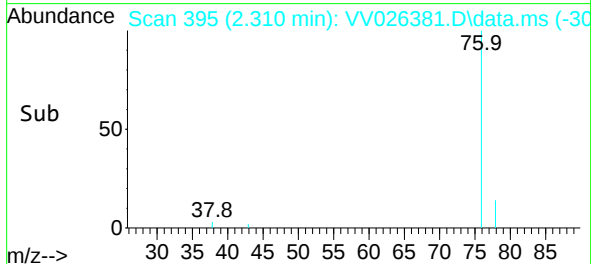
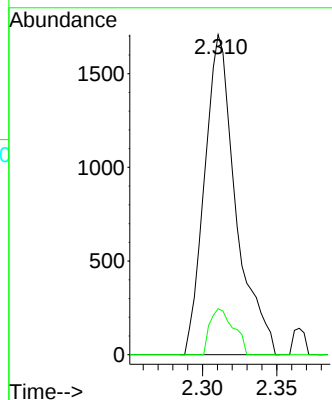
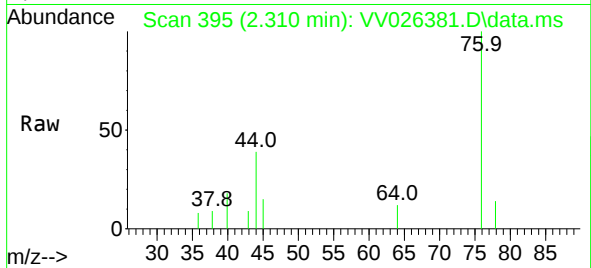




#14
Carbon disulfide
Concen: 0.089 ug/L
RT: 2.310 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026381.D
Acq: 17 Jun 2022 15:01

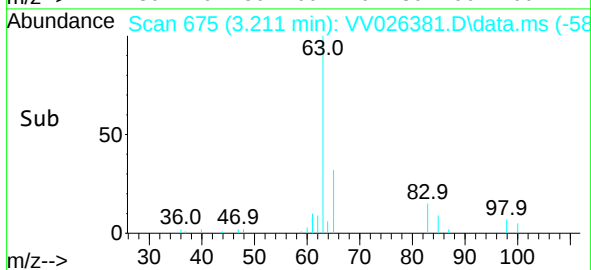
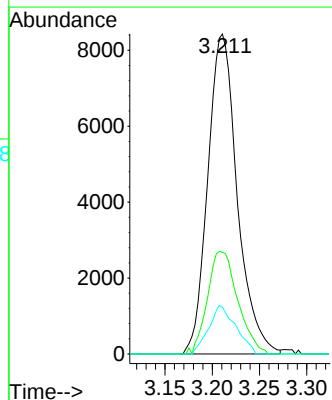
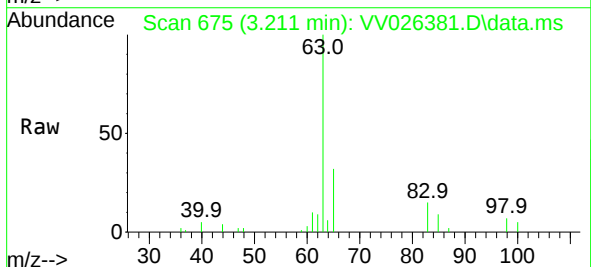
Instrument :
MSVOA_V
ClientSampleId :
BGJ74

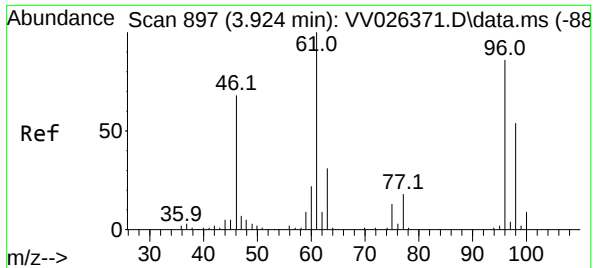
Tgt Ion: 76 Resp: 2503
Ion Ratio Lower Upper
76 100
78 14.3 7.7 11.5#



#19
1,1-Dichloroethane
Concen: 0.864 ug/L
RT: 3.211 min Scan# 675
Delta R.T. 0.007 min
Lab File: VV026381.D
Acq: 17 Jun 2022 15:01

Tgt Ion: 63 Resp: 18267
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.3
83 14.6 8.9 16.5

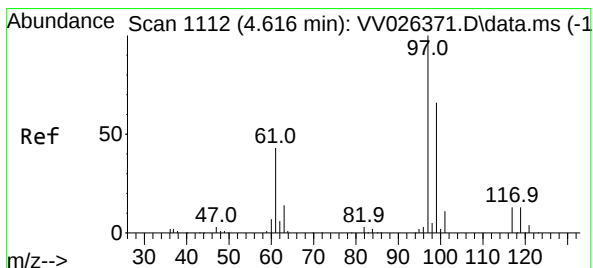
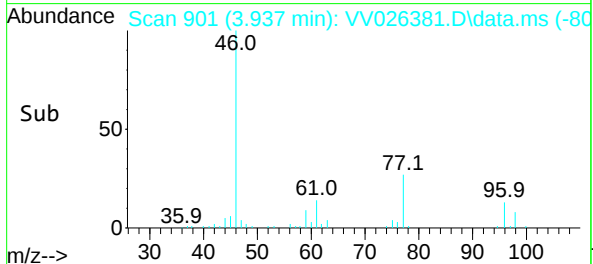
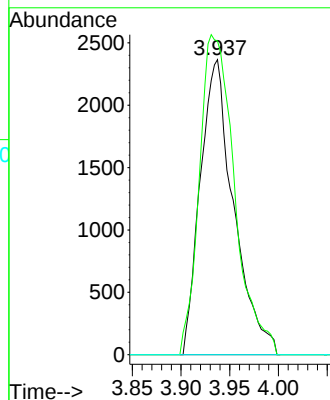
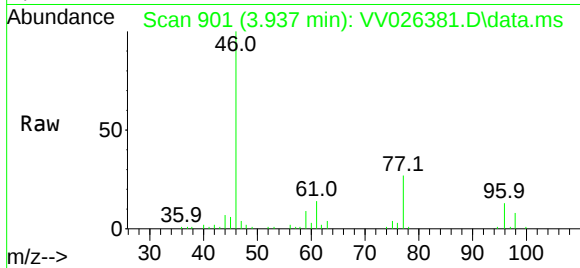




#22
 cis-1,2-Dichloroethene
 Concen: 0.504 ug/L
 RT: 3.937 min Scan# 901
 Delta R.T. 0.013 min
 Lab File: VV026381.D
 Acq: 17 Jun 2022 15:01

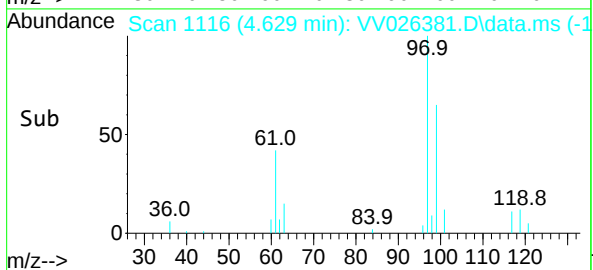
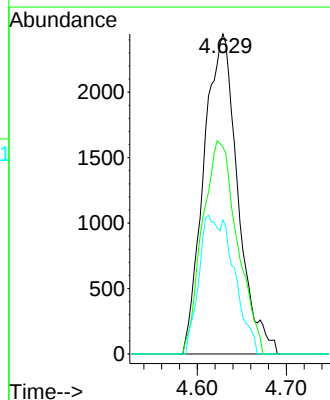
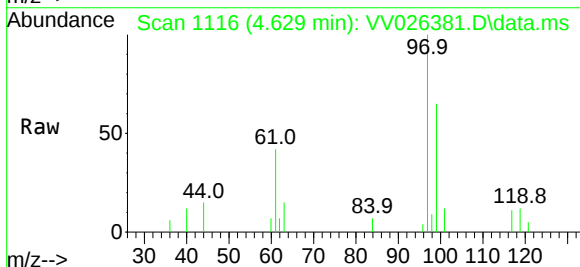
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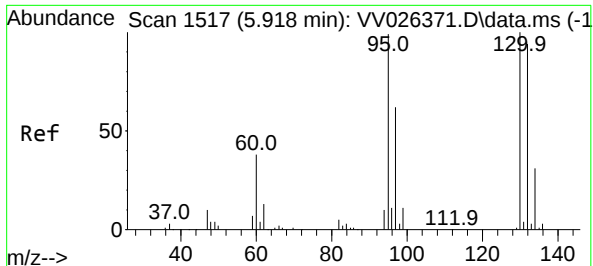
Tgt Ion: 96 Resp: 5649
 Ion Ratio Lower Upper
 96 100
 61 106.3 83.6 155.2
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.333 ug/L
 RT: 4.629 min Scan# 1116
 Delta R.T. 0.013 min
 Lab File: VV026381.D
 Acq: 17 Jun 2022 15:01

Tgt Ion: 97 Resp: 6471
 Ion Ratio Lower Upper
 97 100
 99 68.3 50.3 75.5
 61 44.3 33.4 50.0



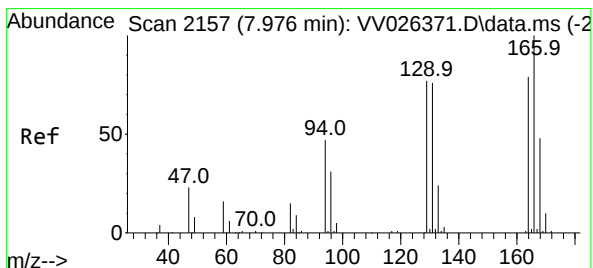
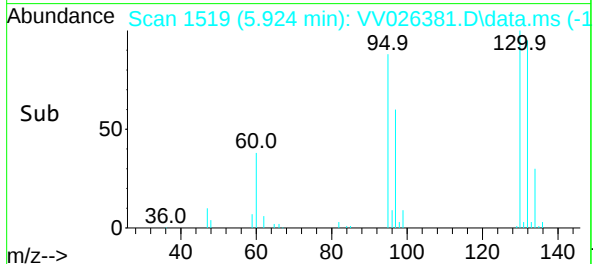
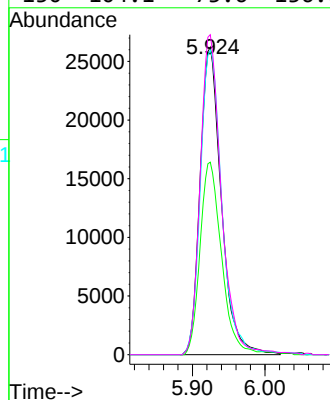
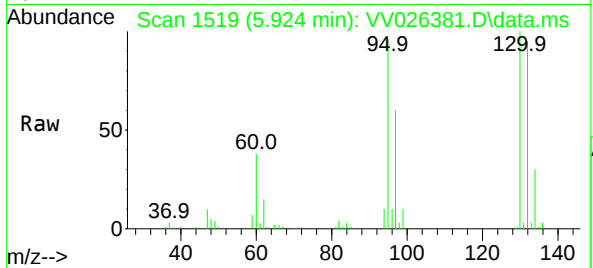


#34
 Trichloroethene
 Concen: 4.322 ug/L
 RT: 5.924 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VV026381.D
 Acq: 17 Jun 2022 15:01

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ74

Tgt Ion: 95 Resp: 53233

Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.5	86.3
132	99.1	68.8	127.8
130	104.1	73.6	136.6



#47
 Tetrachloroethene
 Concen: 0.868 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.003 min
 Lab File: VV026381.D
 Acq: 17 Jun 2022 15:01

Tgt Ion: 164 Resp: 7916

Ion	Ratio	Lower	Upper
164	100		
129	104.7	67.5	125.3
131	98.9	63.8	118.4
166	131.6	89.5	166.3

