

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026058.D
 Acq On : 09 Jun 2022 16:33
 Operator : SY/MD
 Sample : N3247-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW1

Quant Time: Jun 10 02:53:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

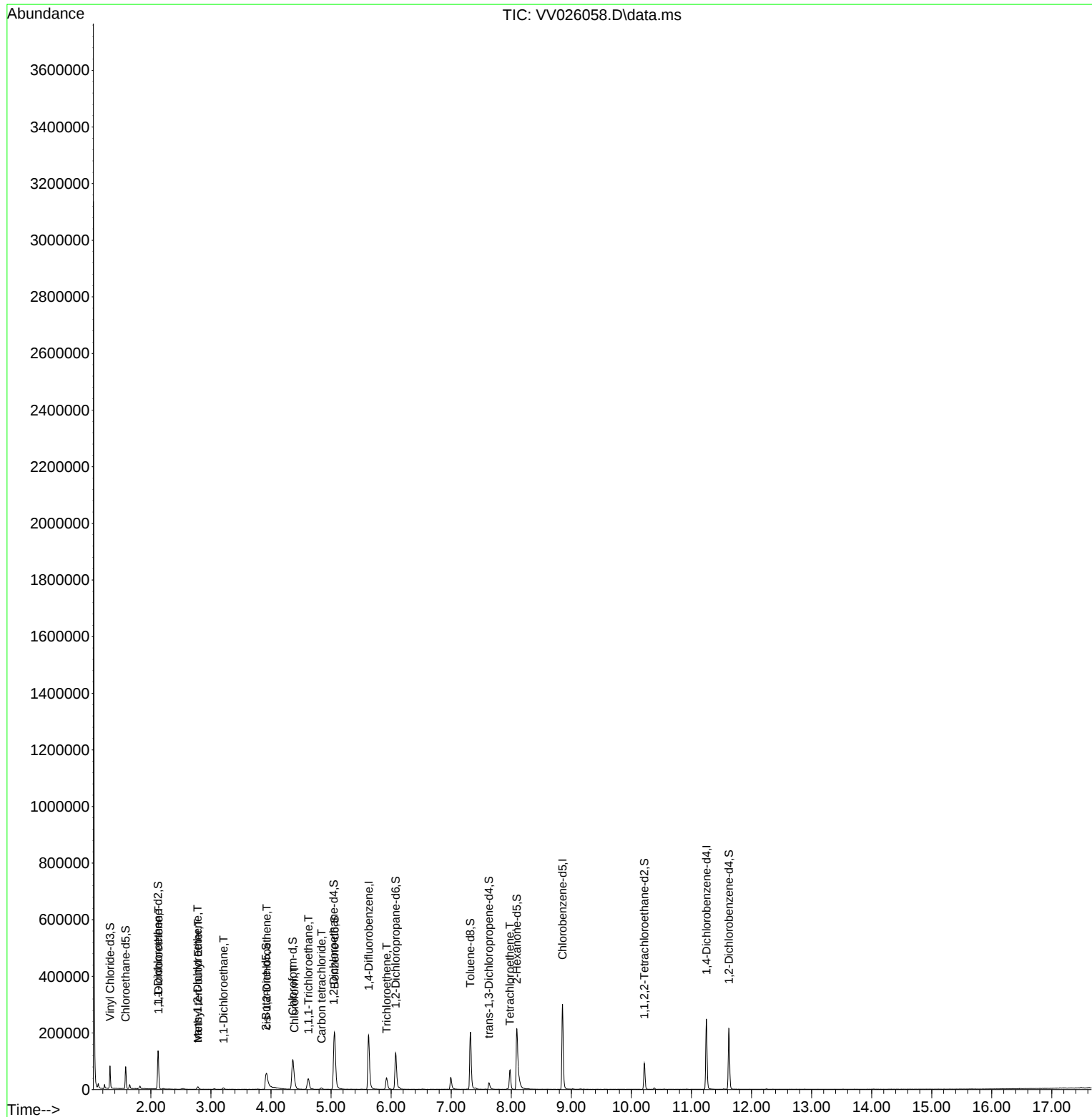
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	169666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	167098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65318	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	42641	4.281	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.600%	
7) Chloroethane-d5	1.581	69	49935	4.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.121	63	69739	3.031	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.600%	
20) 2-Butanone-d5	3.915	46	79444	53.931	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.860%	
24) Chloroform-d	4.362	84	106897	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.043	65	49157	5.709	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.200%	
32) Benzene-d6	5.060	84	187719	4.649	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.076	67	66372	5.313	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.200%	
41) Toluene-d8	7.320	98	142152	3.984	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.629	79	14590	3.967	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.400%	
46) 2-Hexanone-d5	8.092	63	81144	50.136	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44762	5.314	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56252	5.629	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.127	96	2808	0.206	ug/L #	1
17) Methyl tert-butyl Ether	2.786	73	5081	0.229	ug/L #	85
18) trans-1,2-Dichloroethene	2.780	96	1073	0.083	ug/L #	84
19) 1,1-Dichloroethane	3.211	63	5578	0.238	ug/L	90
22) cis-1,2-Dichloroethene	3.931	96	12611	0.994	ug/L	95
25) Chloroform	4.391	83	18531	0.771	ug/L	91
29) 1,1,1-Trichloroethane	4.622	97	31008	1.414	ug/L	98
31) Carbon tetrachloride	4.844	117	3672	0.204	ug/L	92
34) Trichloroethene	5.924	95	13902	1.013	ug/L	98
47) Tetrachloroethene	7.979	164	15589	1.468	ug/L	97

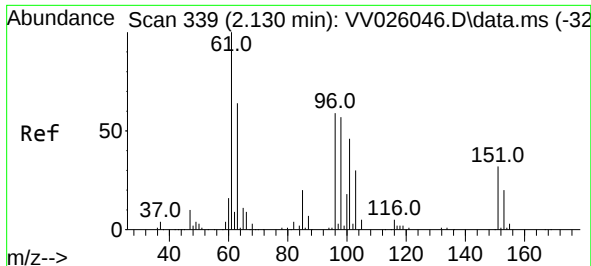
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 10 02:49:22 2022
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#12

1,1-Dichloroethene

Concen: 0.206 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026058.D

Acq: 09 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

EXYW1

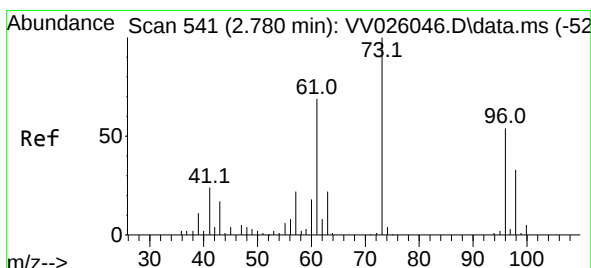
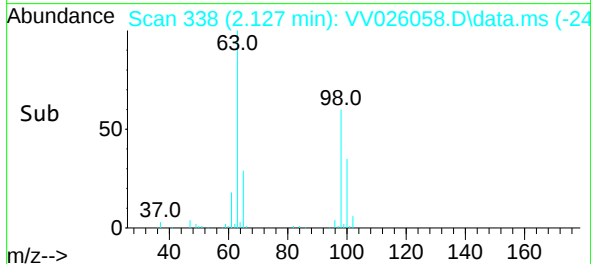
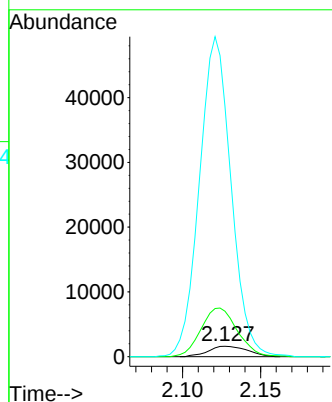
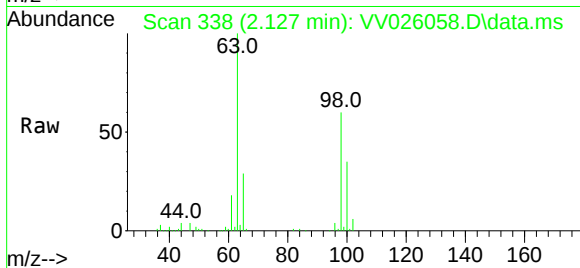
Tgt Ion: 96 Resp: 2808

Ion Ratio Lower Upper

96 100

61 434.9 122.6 227.6#

63 2396.0 78.5 145.9#



#17

Methyl tert-butyl Ether

Concen: 0.229 ug/L

RT: 2.786 min Scan# 543

Delta R.T. 0.007 min

Lab File: VV026058.D

Acq: 09 Jun 2022 16:33

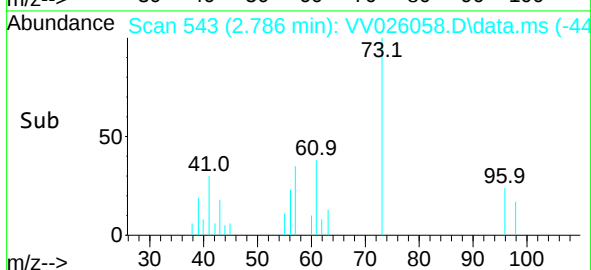
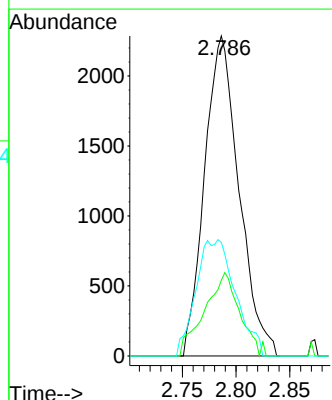
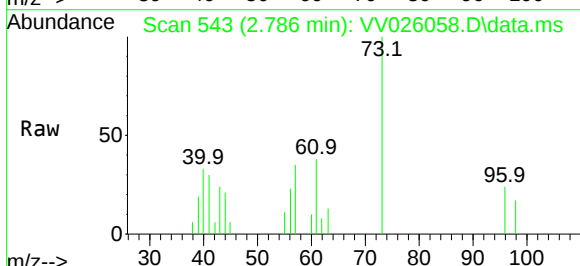
Tgt Ion: 73 Resp: 5081

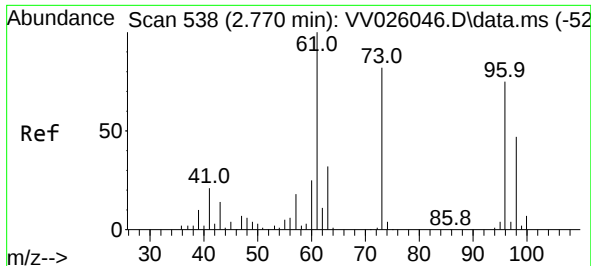
Ion Ratio Lower Upper

73 100

43 26.7 13.7 20.5#

57 17.9 17.8 26.6

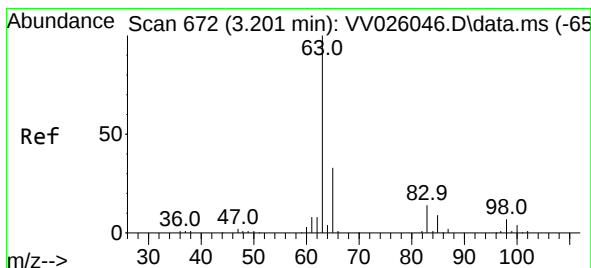
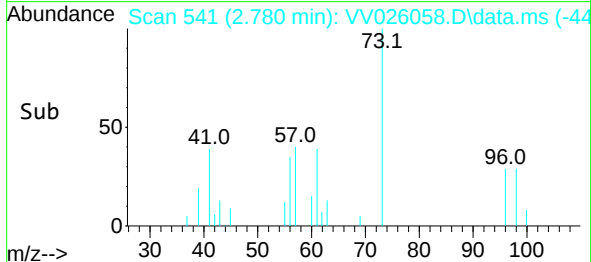
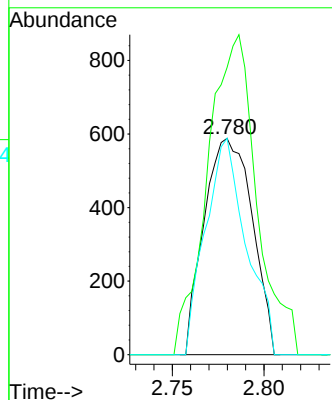
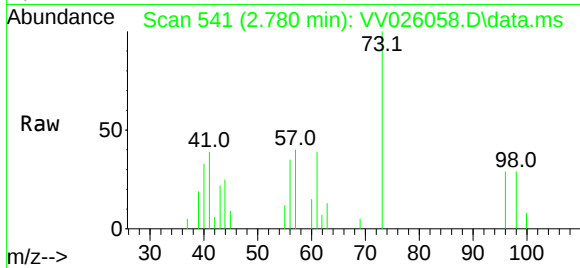




#18
trans-1,2-Dichloroethene
Concen: 0.083 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV026058.D
Acq: 09 Jun 2022 16:33

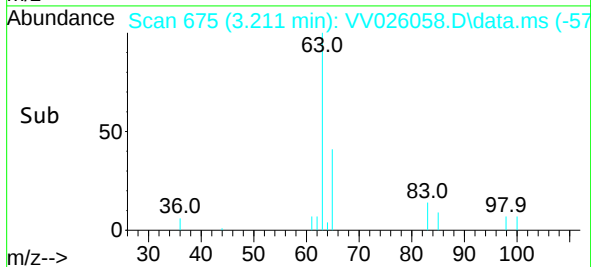
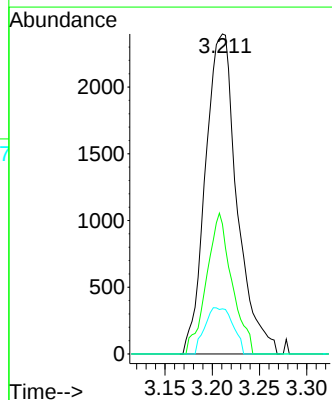
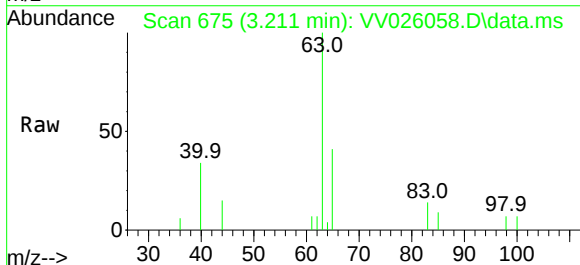
Instrument :
MSVOA_V
ClientSampleId :
EXYW1

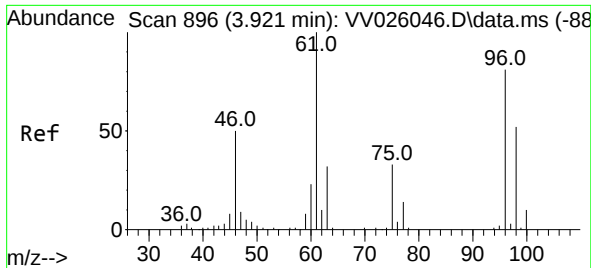
Tgt Ion: 96 Resp: 1073
Ion Ratio Lower Upper
96 100
61 132.8 94.3 175.1
98 100.0 44.4 82.5#



#19
1,1-Dichloroethane
Concen: 0.238 ug/L
RT: 3.211 min Scan# 675
Delta R.T. 0.010 min
Lab File: VV026058.D
Acq: 09 Jun 2022 16:33

Tgt Ion: 63 Resp: 5578
Ion Ratio Lower Upper
63 100
65 40.6 23.1 42.9
83 14.1 9.7 18.1

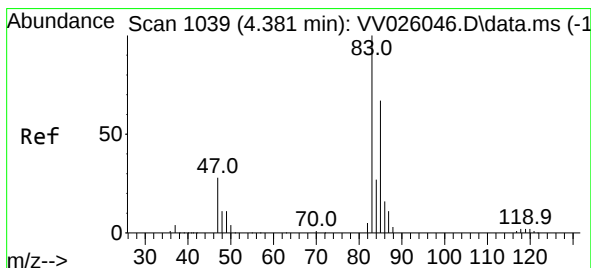
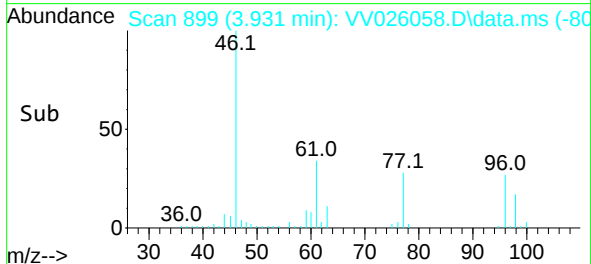
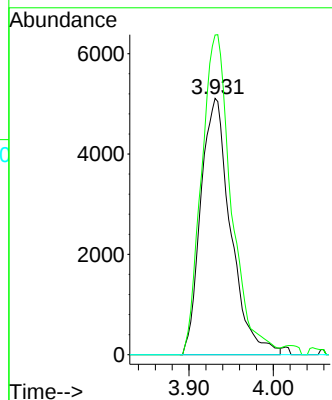
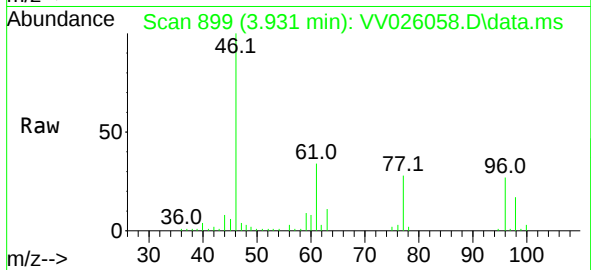




#22
 cis-1,2-Dichloroethene
 Concen: 0.994 ug/L
 RT: 3.931 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV026058.D
 Acq: 09 Jun 2022 16:33

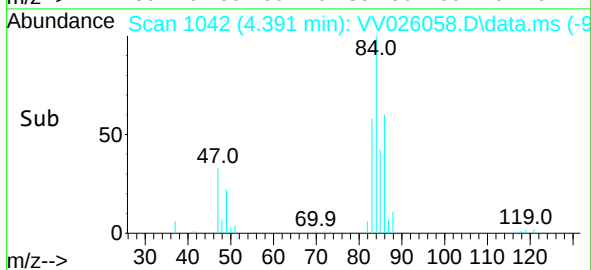
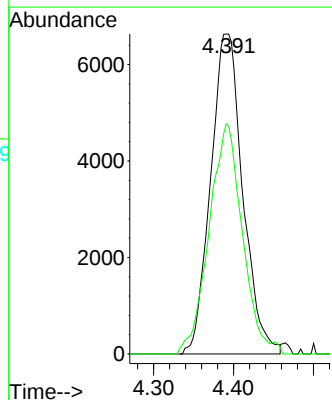
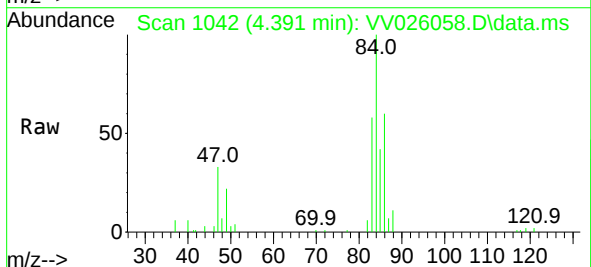
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW1

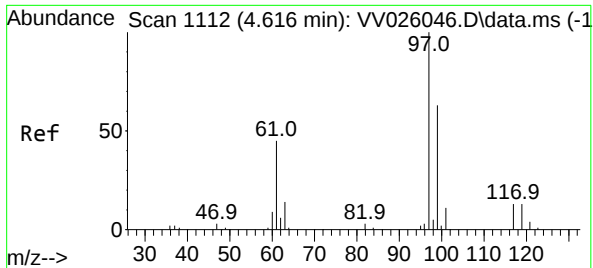
Tgt Ion: 96 Resp: 12611
 Ion Ratio Lower Upper
 96 100
 61 124.7 83.1 154.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.771 ug/L
 RT: 4.391 min Scan# 1042
 Delta R.T. 0.010 min
 Lab File: VV026058.D
 Acq: 09 Jun 2022 16:33

Tgt Ion: 83 Resp: 18531
 Ion Ratio Lower Upper
 83 100
 85 71.9 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 1.414 ug/L

RT: 4.622 min Scan# 1112

Delta R.T. 0.007 min

Lab File: VV026058.D

Acq: 09 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

EXYW1

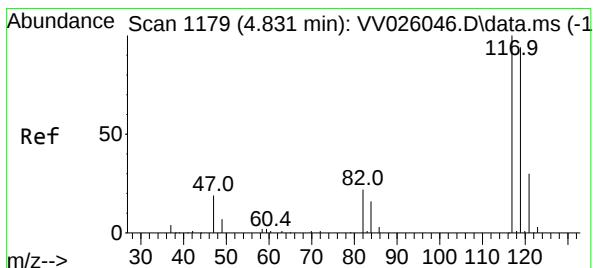
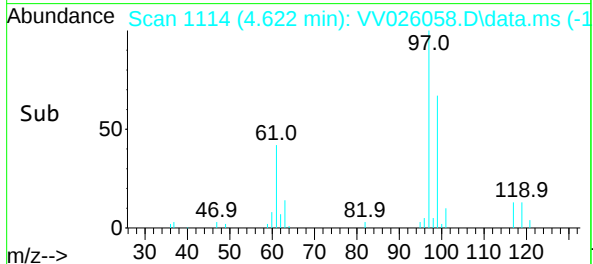
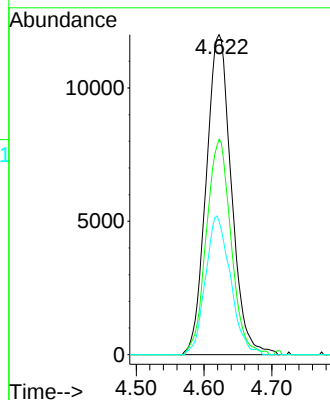
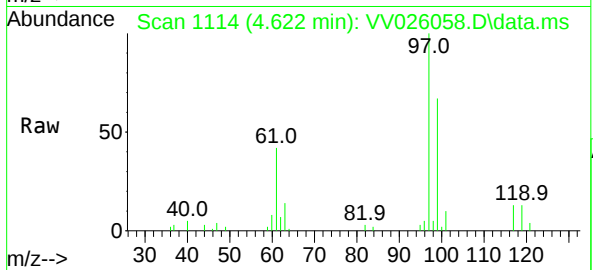
Tgt Ion: 97 Resp: 31008

Ion Ratio Lower Upper

97 100

99 65.9 51.4 77.0

61 42.9 34.9 52.3



#31

Carbon tetrachloride

Concen: 0.204 ug/L

RT: 4.844 min Scan# 1183

Delta R.T. 0.013 min

Lab File: VV026058.D

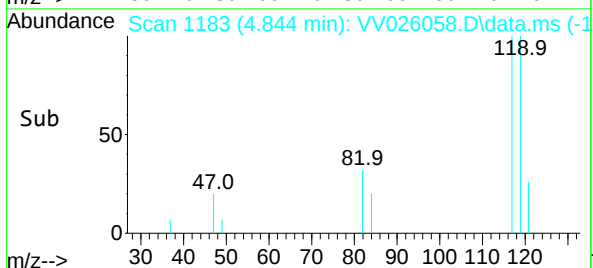
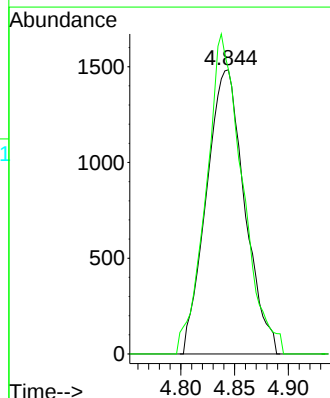
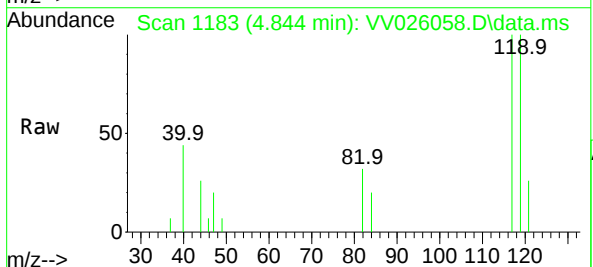
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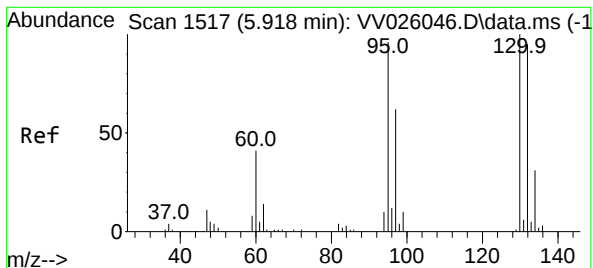
Tgt Ion: 117 Resp: 3672

Ion Ratio Lower Upper

117 100

119 106.8 78.7 118.1





#34

Trichloroethene

Concen: 1.013 ug/L

RT: 5.924 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV026058.D

Acq: 09 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

EXYW1

Tgt Ion: 95 Resp: 13902

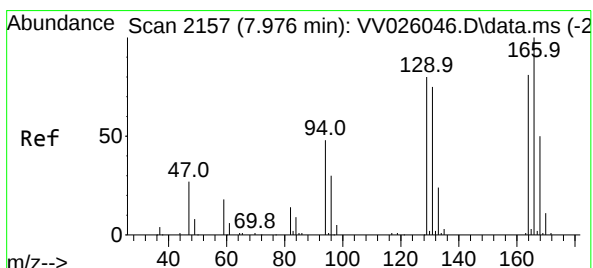
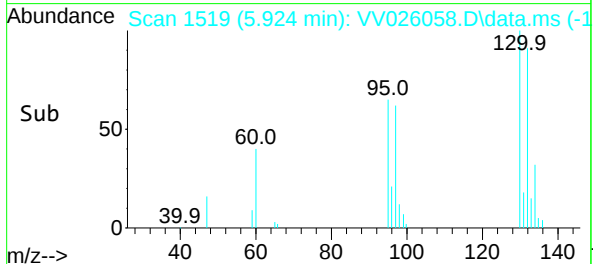
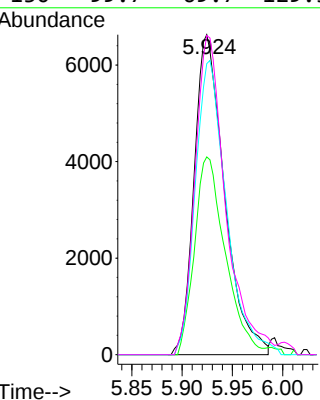
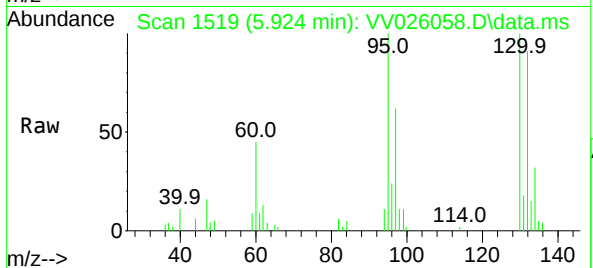
Ion Ratio Lower Upper

95 100

97 61.8 44.0 81.6

132 91.0 67.5 125.4

130 99.7 69.7 129.5



#47

Tetrachloroethene

Concen: 1.468 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026058.D

Acq: 09 Jun 2022 16:33

Tgt Ion: 164 Resp: 15589

Ion Ratio Lower Upper

164 100

129 98.7 68.3 126.9

131 89.5 66.5 123.5

166 122.6 88.1 163.7

