

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026123.D
 Acq On : 11 Jun 2022 12:33
 Operator : SY/MD
 Sample : N3247-04DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2DL

Quant Time: Jun 13 01:17:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:15:38 2022
 Response via : Initial Calibration

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

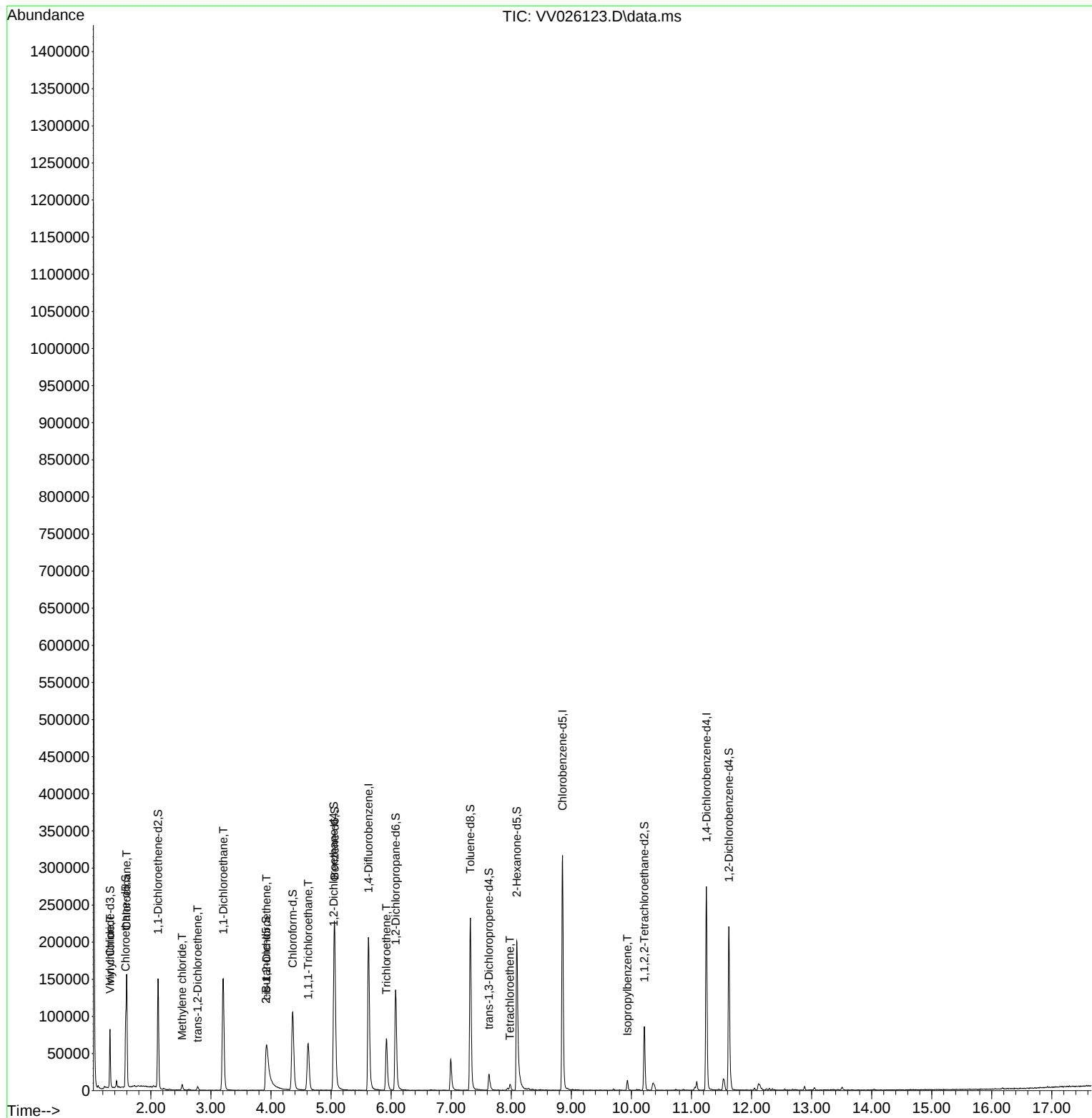
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	182205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	47124	4.406	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.580	69	56469	5.050	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.121	63	80090	3.242	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.800%	
20) 2-Butanone-d5	3.918	46	89561	56.615	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.240%	
24) Chloroform-d	4.362	84	113463	5.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.043	65	49955	5.403	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	5.059	84	213140	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
36) 1,2-Dichloropropane-d6	6.075	67	69535	5.253	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.320	98	160612	4.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	7.628	79	14836	3.807	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.091	63	72868	42.491	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43409	4.864	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55260	4.961	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
5) Vinyl chloride	1.323	62	3155	0.150	ug/L	# 62
8) Chloroethane	1.596	64	82485	6.396	ug/L	98
16) Methylene chloride	2.519	84	3355	0.230	ug/L	92
18) trans-1,2-Dichloroethene	2.780	96	1658	0.120	ug/L	96
19) 1,1-Dichloroethane	3.204	63	157115	6.250	ug/L	98
22) cis-1,2-Dichloroethene	3.928	96	7840	0.576	ug/L	88
29) 1,1,1-Trichloroethane	4.619	97	51141	2.201	ug/L	100
34) Trichloroethene	5.921	95	25256	1.737	ug/L	99
47) Tetrachloroethene	7.979	164	1855	0.165	ug/L	95
60) Isopropylbenzene	9.934	105	8953	0.185	ug/L	98

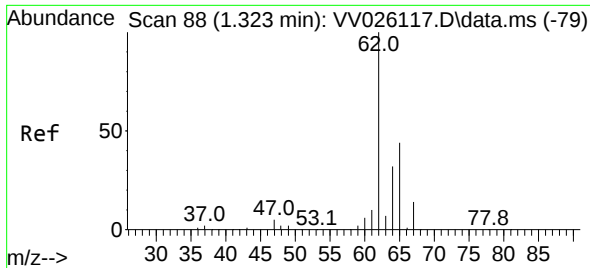
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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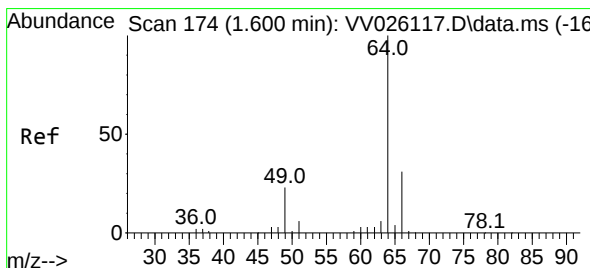
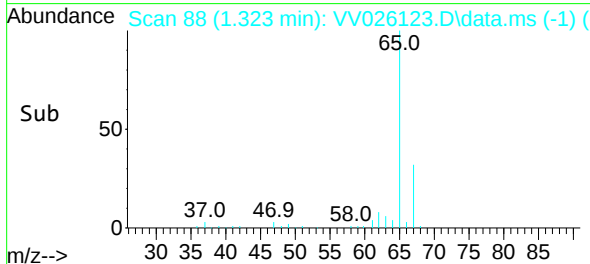
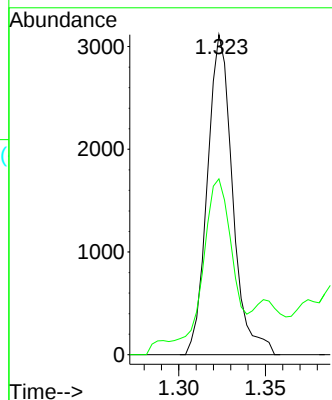
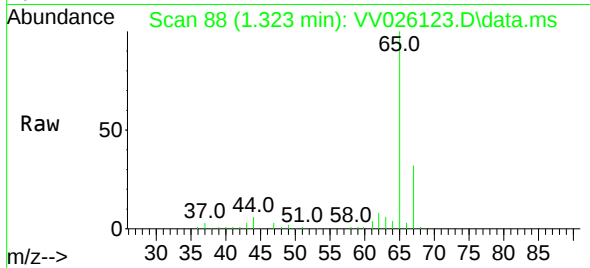




#5
 Vinyl chloride
 Concen: 0.150 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026123.D
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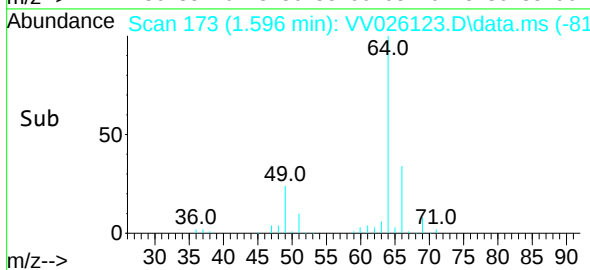
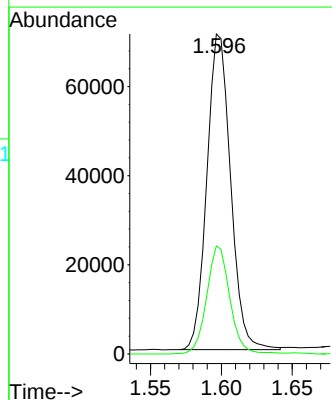
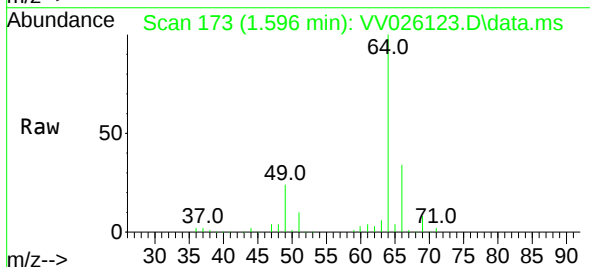
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2DL

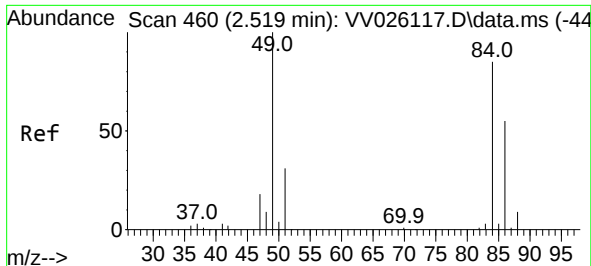
Tgt Ion: 62 Resp: 3155
 Ion Ratio Lower Upper
 62 100
 64 55.0 23.4 43.4#



#8
 Chloroethane
 Concen: 6.396 ug/L
 RT: 1.596 min Scan# 173
 Delta R.T. -0.003 min
 Lab File: VV026123.D
 Acq: 11 Jun 2022 12:33

Tgt Ion: 64 Resp: 82485
 Ion Ratio Lower Upper
 64 100
 66 33.8 23.0 42.8

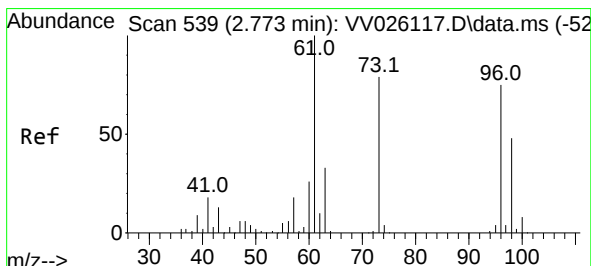
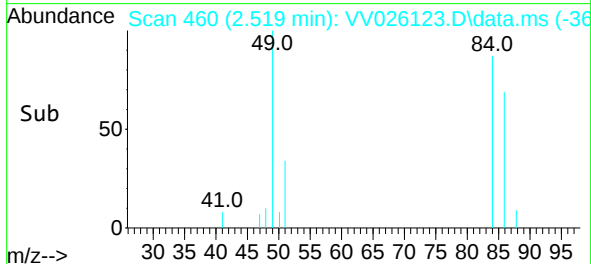
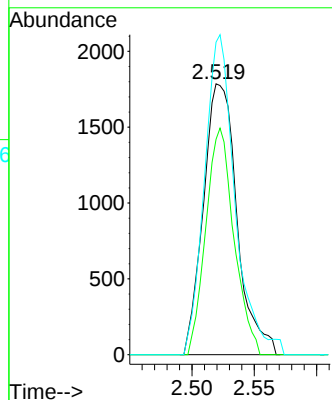
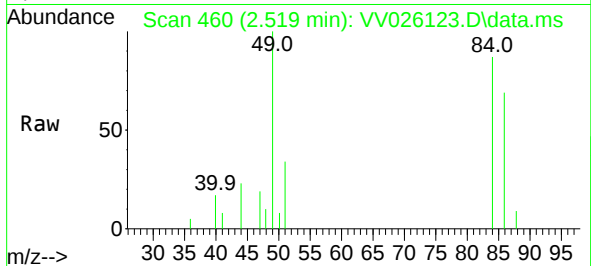




#16
Methylene chloride
Concen: 0.230 ug/L
RT: 2.519 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

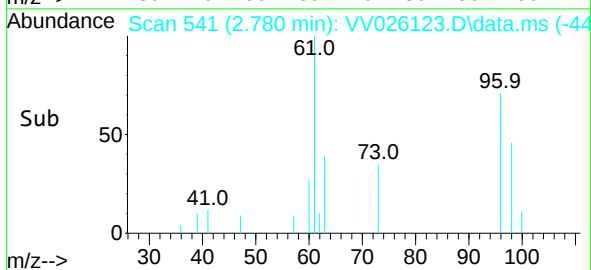
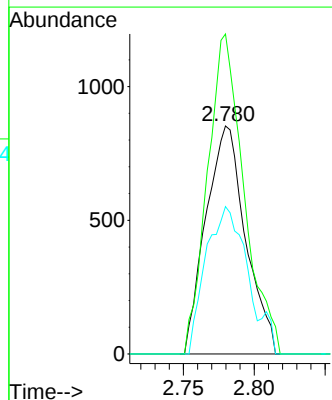
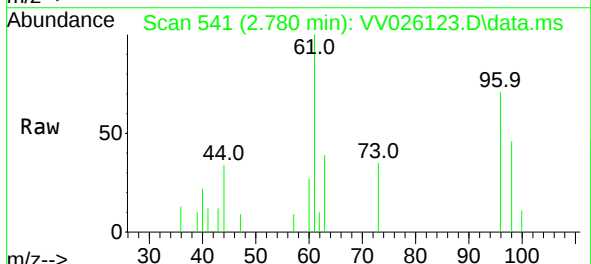
Instrument :
MSVOA_V
ClientSampleId :
EXYW2DL

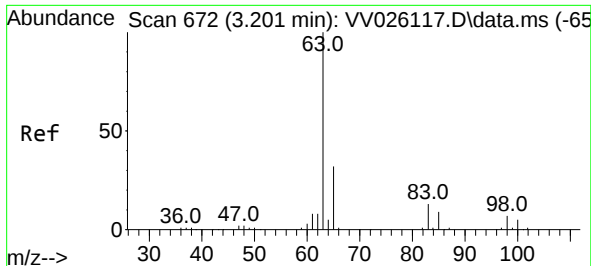
Tgt Ion: 84	Resp: 3355		
Ion Ratio	Lower	Upper	
84	100		
86	79.5	45.6	84.6
49	115.3	82.9	153.9



#18
trans-1,2-Dichloroethene
Concen: 0.120 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

Tgt Ion: 96	Resp: 1658		
Ion Ratio	Lower	Upper	
96 100			
61 140.3	94.3	175.1	
98 64.6	44.4	82.5	





#19

1,1-Dichloroethane

Concen: 6.250 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

EXYW2DL

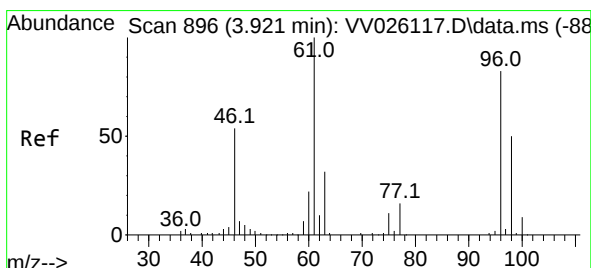
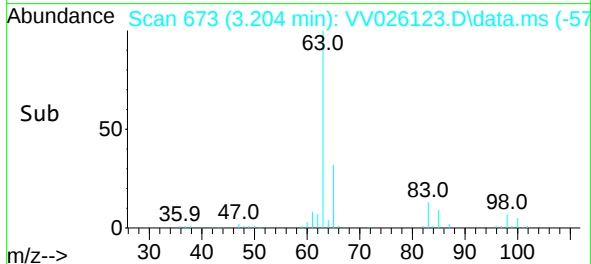
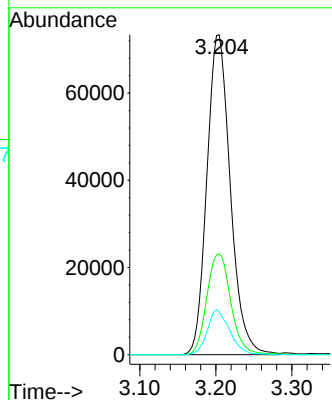
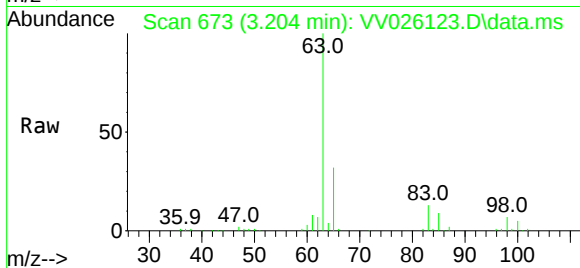
Tgt Ion: 63 Resp: 157115

Ion Ratio Lower Upper

63 100

65 31.5 23.1 42.9

83 13.5 9.7 18.1



#22

cis-1,2-Dichloroethene

Concen: 0.576 ug/L

RT: 3.928 min Scan# 898

Delta R.T. 0.006 min

Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

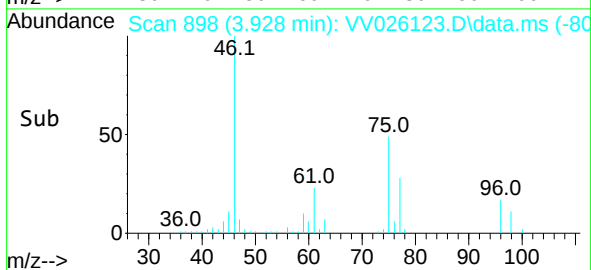
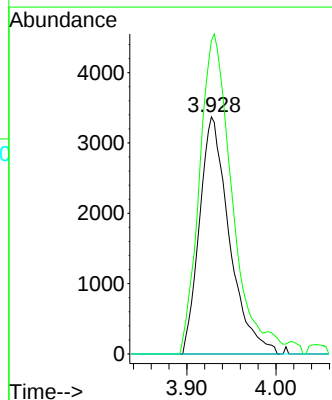
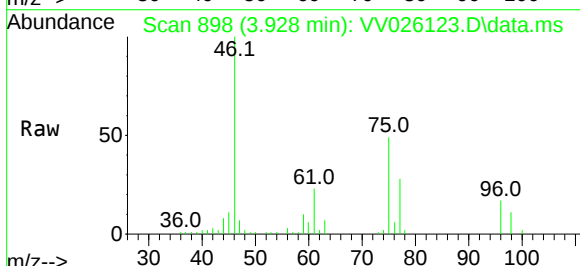
Tgt Ion: 96 Resp: 7840

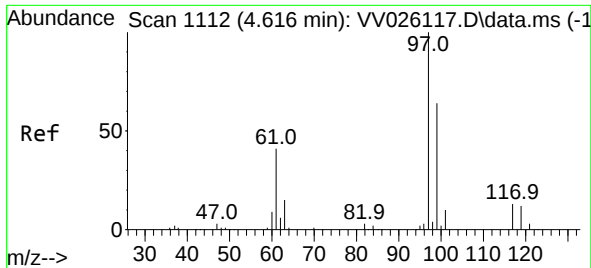
Ion Ratio Lower Upper

96 100

61 132.1 83.1 154.3

68 0.0 0.0 0.0

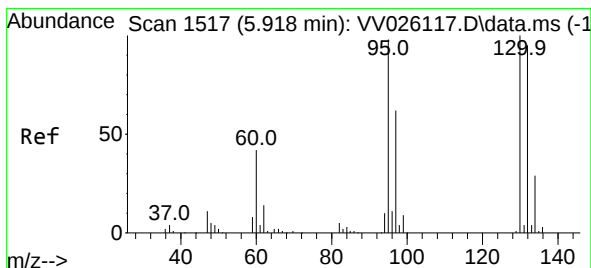
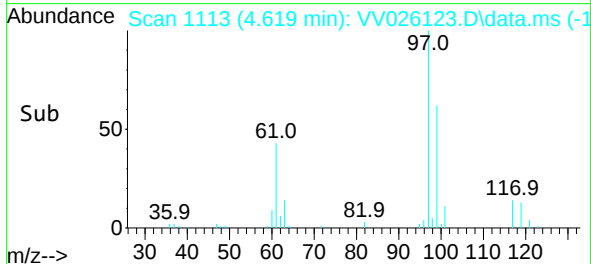
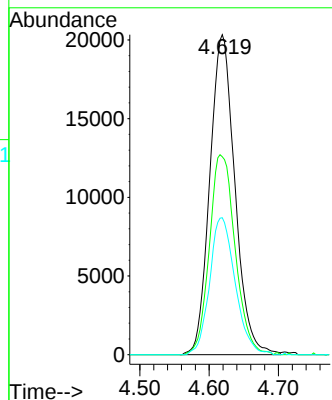
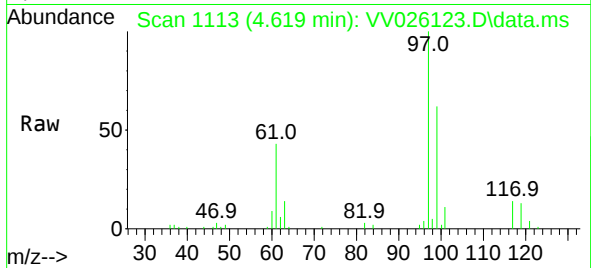




#29
1,1,1-Trichloroethane
Concen: 2.201 ug/L
RT: 4.619 min Scan# 1112
Delta R.T. 0.003 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

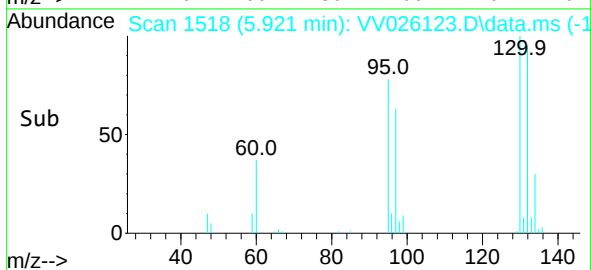
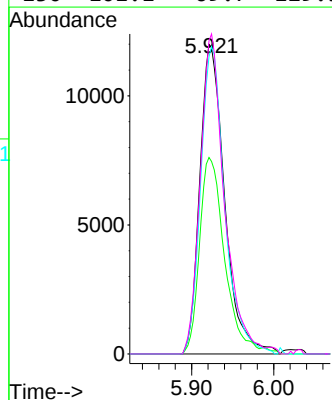
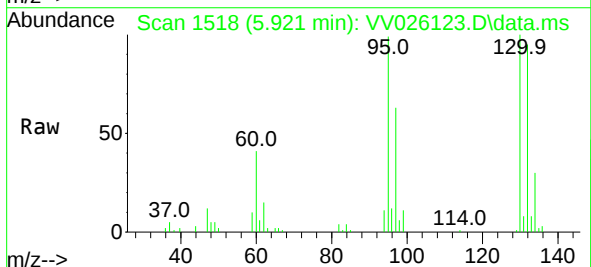
Instrument :
MSVOA_V
ClientSampleId :
EXYW2DL

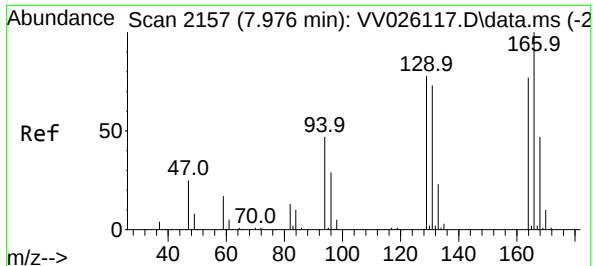
Tgt Ion: 97	Resp: 51141
Ion Ratio	Lower Upper
97 100	
99 64.3	51.4 77.0
61 43.6	34.9 52.3



#34
Trichloroethene
Concen: 1.737 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026123.D
Acq: 11 Jun 2022 12:33

Tgt Ion: 95	Resp: 25256
Ion Ratio	Lower Upper
95 100	
97 63.5	44.0 81.6
132 95.9	67.5 125.4
130 101.1	69.7 129.5





#47

Tetrachloroethene

Concen: 0.165 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

Instrument :

MSVOA_V

ClientSampleId :

EXYW2DL

Tgt Ion:164 Resp: 1855

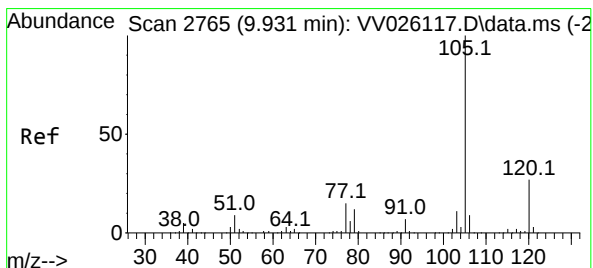
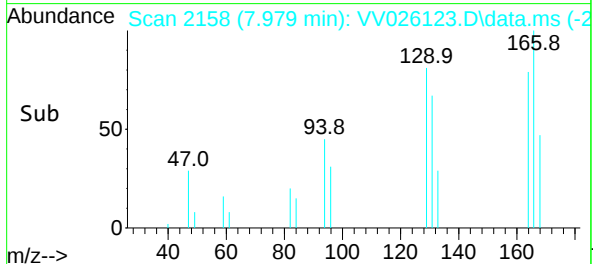
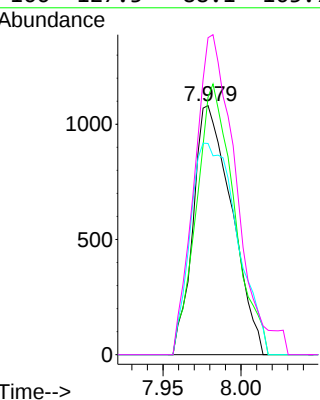
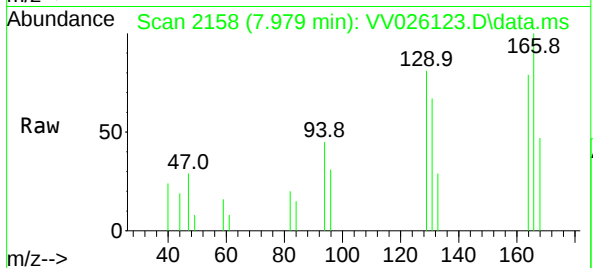
Ion Ratio Lower Upper

164 100

129 103.4 68.3 126.9

131 84.8 66.5 123.5

166 127.3 88.1 163.7



#60

Isopropylbenzene

Concen: 0.185 ug/L

RT: 9.934 min Scan# 2766

Delta R.T. 0.003 min

Lab File: VV026123.D

Acq: 11 Jun 2022 12:33

Tgt Ion:105 Resp: 8953

Ion Ratio Lower Upper

105 100

120 25.1 21.3 31.9

77 15.4 12.4 18.6

