

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061122\
 Data File : VV026119.D
 Acq On : 11 Jun 2022 10:58
 Operator : SY/MD
 Sample : N3273-04DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 01:16:43 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)

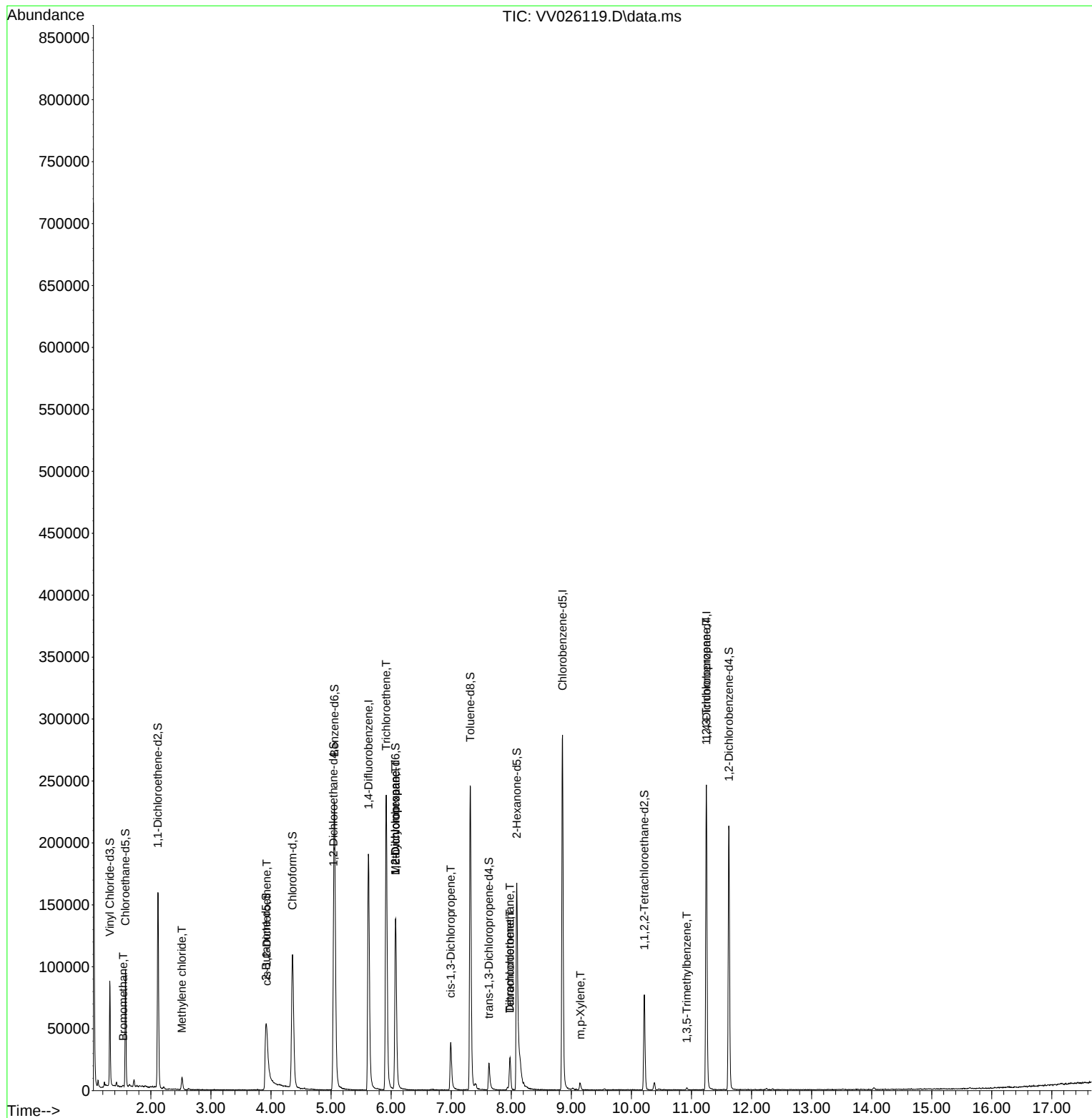
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	172413	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	162822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	52412	5.179	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.600%	
7) Chloroethane-d5	1.577	69	59415	5.615	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.400%	
11) 1,1-Dichloroethene-d2	2.117	63	84539	3.616	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.400%	
20) 2-Butanone-d5	3.915	46	70950	47.398	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.800%	
24) Chloroform-d	4.359	84	115211	5.371	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.400%	
26) 1,2-Dichloroethane-d4	5.040	65	47774	5.460	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
32) Benzene-d6	5.056	84	222478	5.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.000%	
36) 1,2-Dichloropropane-d6	6.072	67	71035	5.836	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	116.800%	
41) Toluene-d8	7.317	98	170817	4.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
43) trans-1,3-Dichloroprop...	7.628	79	13835	3.861	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.091	63	66288	42.033	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39394	4.800	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55391	5.401	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						Qvalue
6) Bromomethane	1.539	94	707	0.061	ug/L	83
16) Methylene chloride	2.516	84	4255	0.308	ug/L	86
22) cis-1,2-Dichloroethene	3.931	96	5600	0.434	ug/L	94
34) Trichloroethene	5.918	95	85626	6.405	ug/L	99
35) Methylcyclohexane	6.072	83	16463	0.799	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	7571	0.611	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1195	0.078	ug/L #	80
47) Tetrachloroethene	7.979	164	6395	0.618	ug/L	94
49) Dibromochloromethane	7.979	129	5968	0.679	ug/L #	9
53) m,p-Xylene	9.149	106	1796	0.083	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	7688	1.469	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.924	105	1160	0.033	ug/L	98

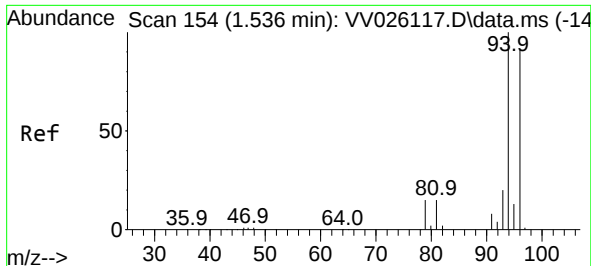
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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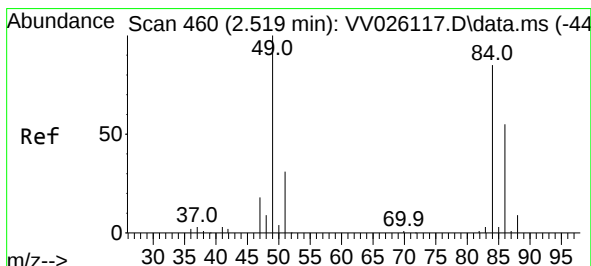
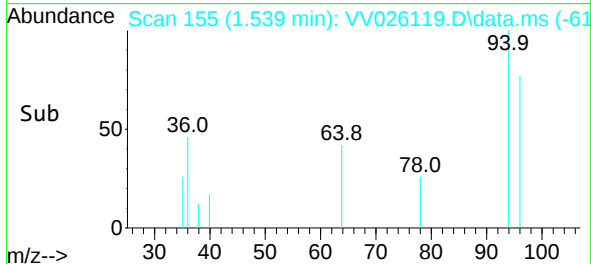
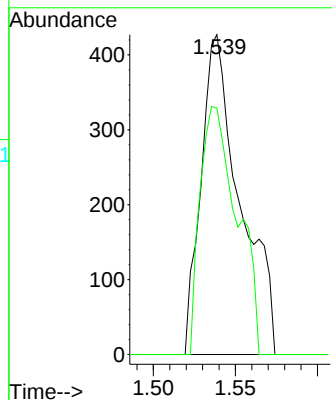
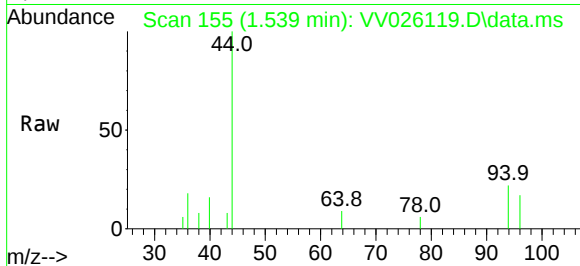




#6
Bromomethane
Concen: 0.061 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026119.D
Acq: 11 Jun 2022 10:58

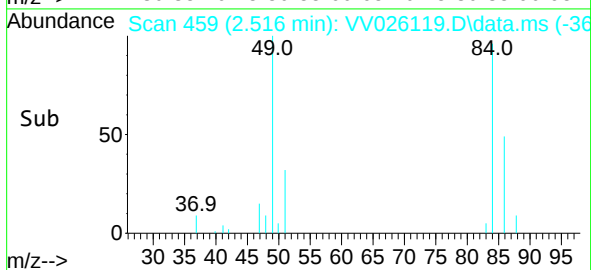
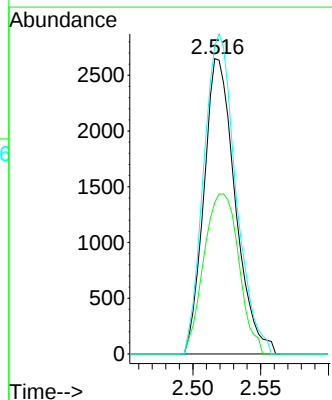
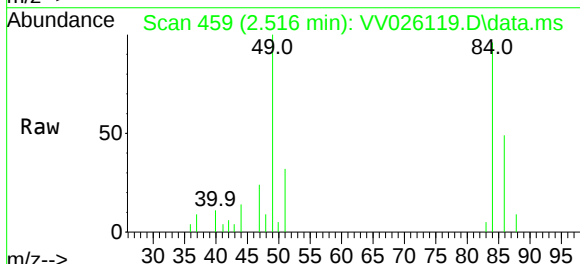
Instrument :
MSVOA_V
ClientSampleId :

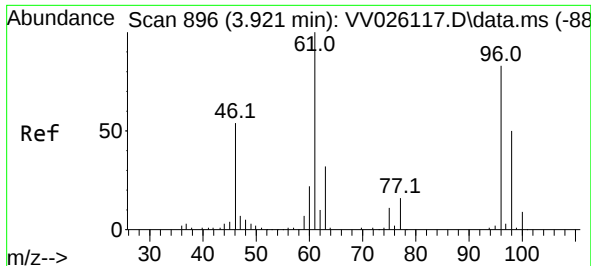
Tgt Ion: 94 Resp: 707
Ion Ratio Lower Upper
94 100
96 77.0 65.5 121.6



#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.003 min
Lab File: VV026119.D
Acq: 11 Jun 2022 10:58

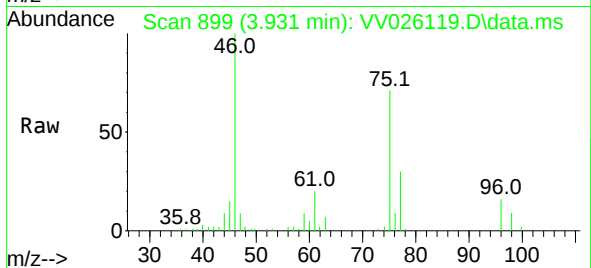
Tgt Ion: 84 Resp: 4255
Ion Ratio Lower Upper
84 100
86 51.3 45.6 84.6
49 104.3 82.9 153.9



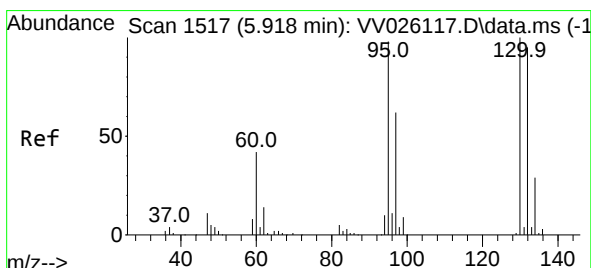
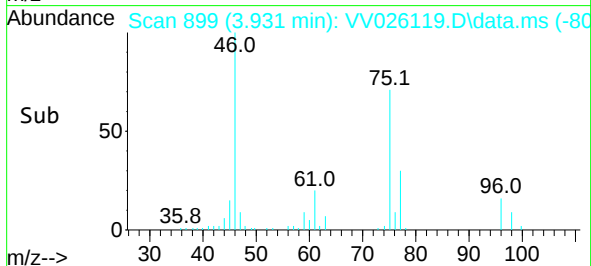
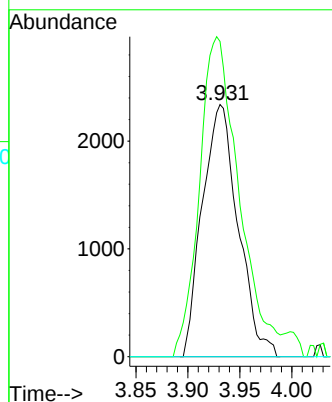


#22
 cis-1,2-Dichloroethene
 Concen: 0.434 ug/L
 RT: 3.931 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV026119.D
 Acq: 11 Jun 2022 10:58

Instrument :
 MSVOA_V
 ClientSampleId :

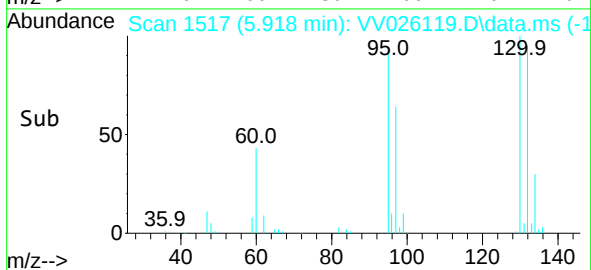
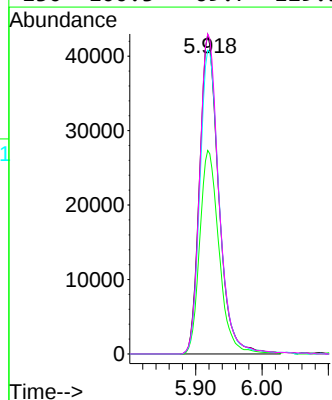
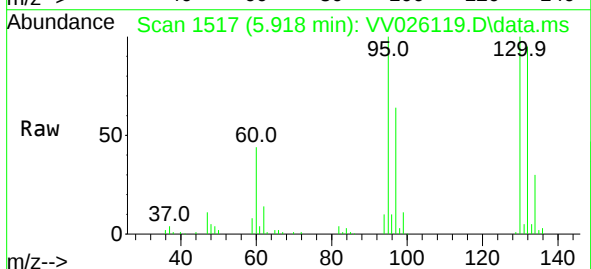


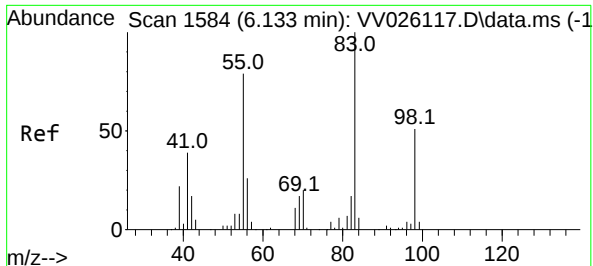
Tgt Ion: 96 Resp: 5600
 Ion Ratio Lower Upper
 96 100
 61 125.0 83.1 154.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 6.405 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VV026119.D
 Acq: 11 Jun 2022 10:58

Tgt Ion: 95 Resp: 85626
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.0 81.6
 132 95.2 67.5 125.4
 130 100.3 69.7 129.5





#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV026119.D

Acq: 11 Jun 2022 10:58

Instrument :

MSVOA_V

ClientSampleId :

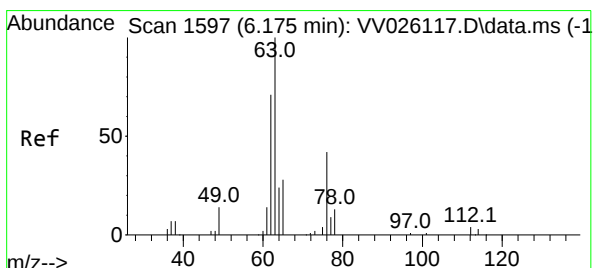
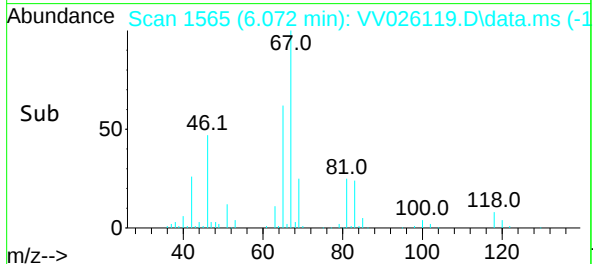
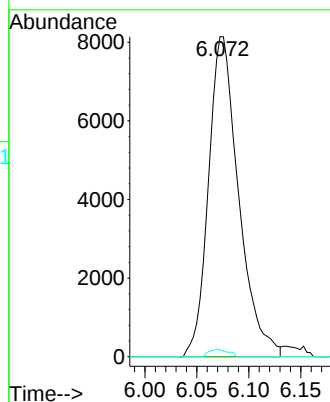
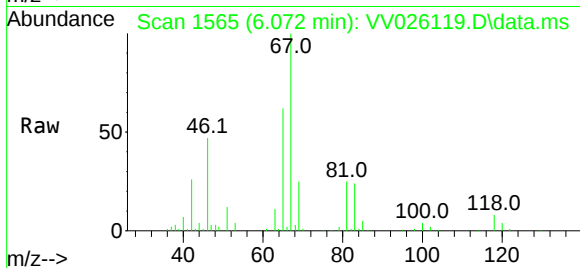
Tgt Ion: 83 Resp: 16463

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.0#

98 1.5 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV026119.D

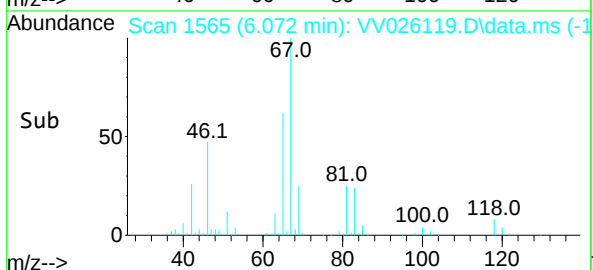
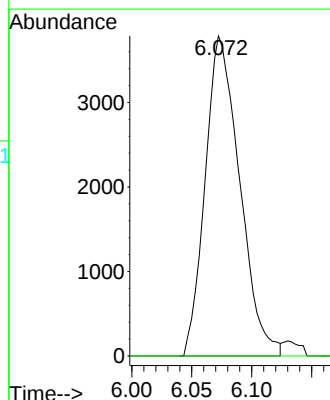
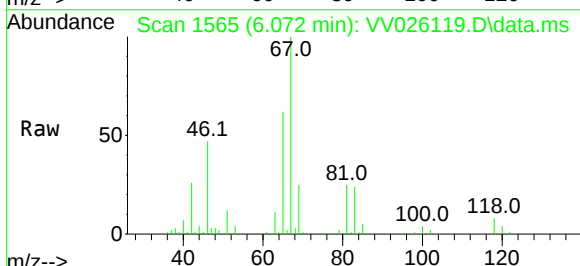
Acq: 11 Jun 2022 10:58

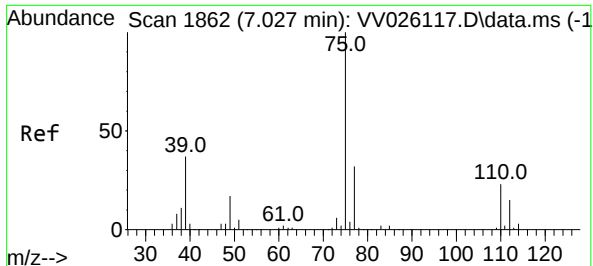
Tgt Ion: 63 Resp: 7571

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026119.D

Acq: 11 Jun 2022 10:58

Instrument :

MSVOA_V

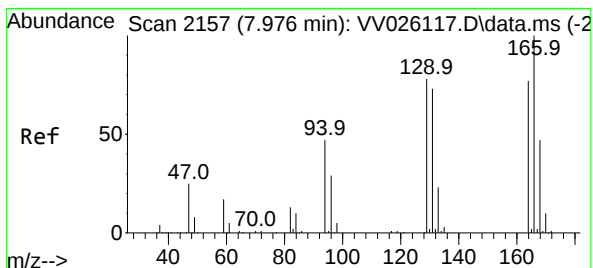
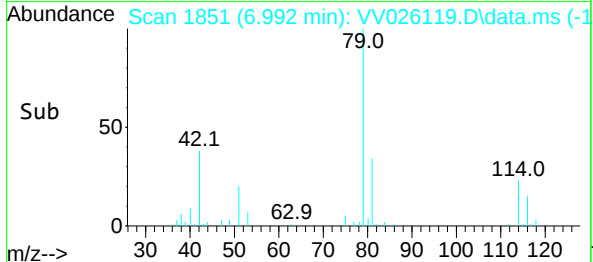
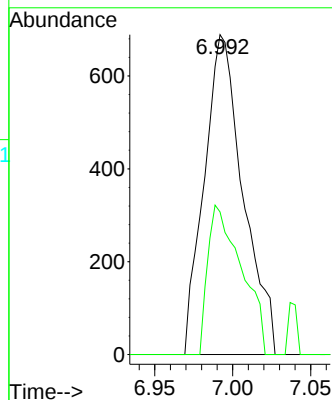
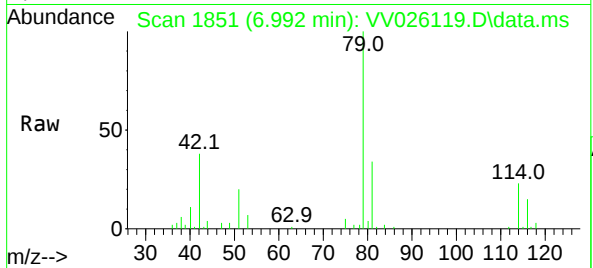
ClientSampleId :

Tgt Ion: 75 Resp: 1195

Ion Ratio Lower Upper

75 100

77 44.6 23.2 43.0#



#47

Tetrachloroethene

Concen: 0.618 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026119.D

Acq: 11 Jun 2022 10:58

Tgt Ion:164 Resp: 6395

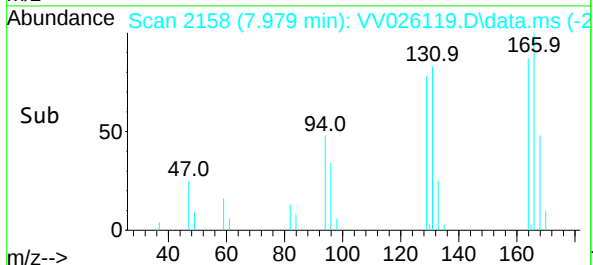
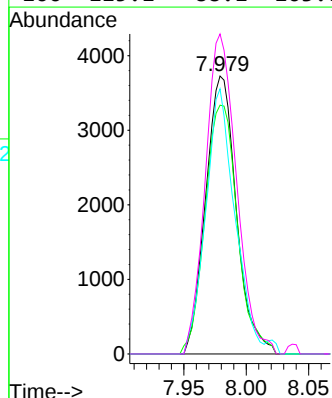
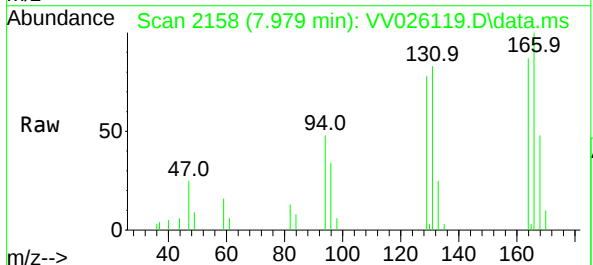
Ion Ratio Lower Upper

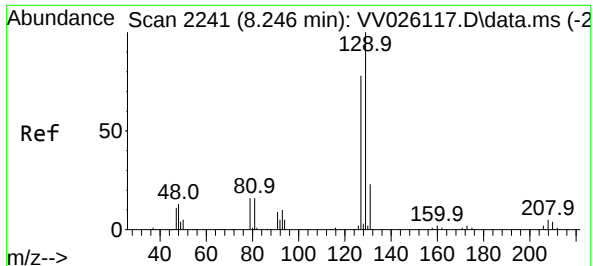
164 100

129 89.5 68.3 126.9

131 95.4 66.5 123.5

166 115.1 88.1 163.7





#49

Dibromochloromethane

Concen: 0.679 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026119.D

Acq: 11 Jun 2022 10:58

Instrument :

MSVOA_V

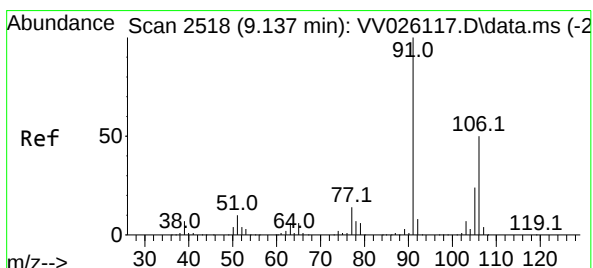
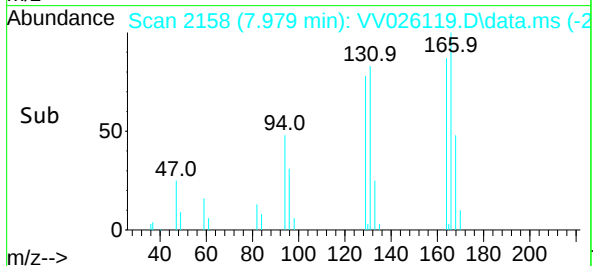
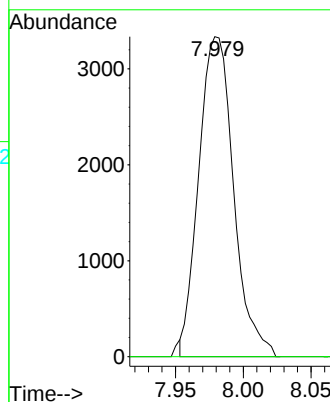
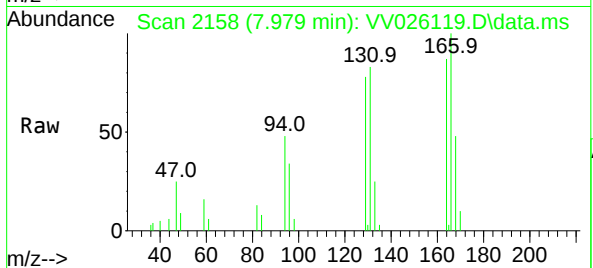
ClientSampleId :

Tgt Ion:129 Resp: 5968

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#53

m,p-Xylene

Concen: 0.083 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV026119.D

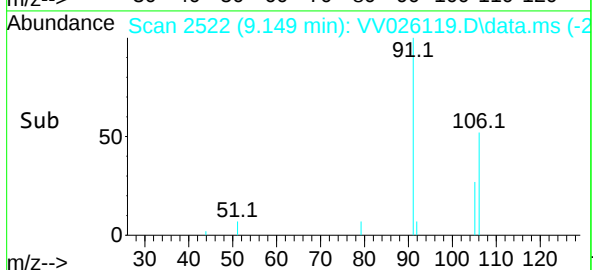
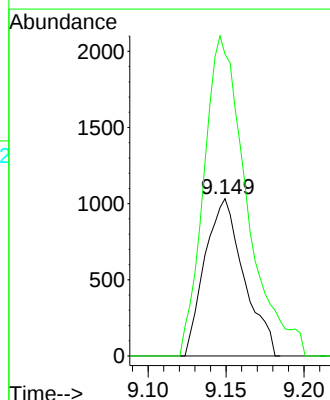
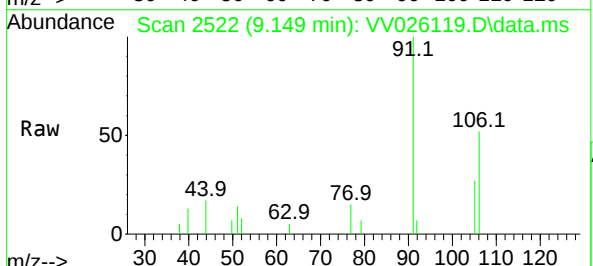
Acq: 11 Jun 2022 10:58

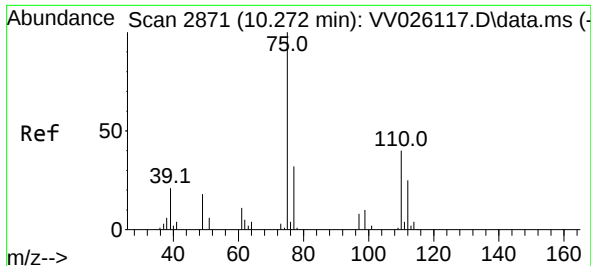
Tgt Ion:106 Resp: 1796

Ion Ratio Lower Upper

106 100

91 191.8 140.4 260.8

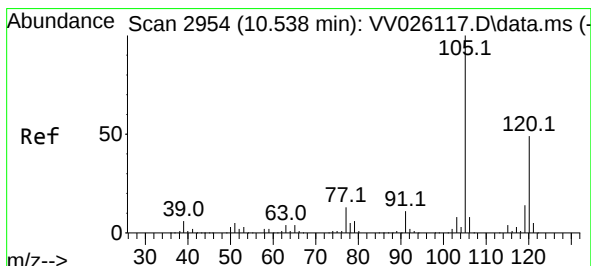
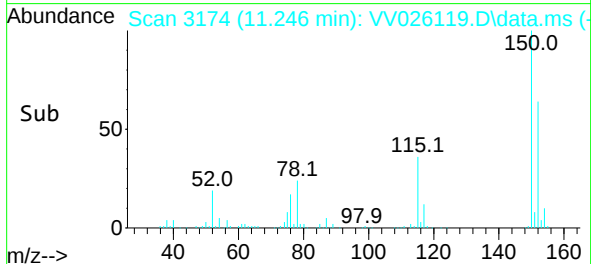
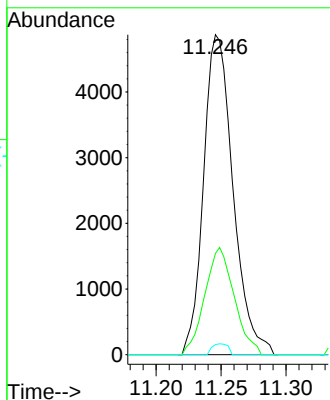
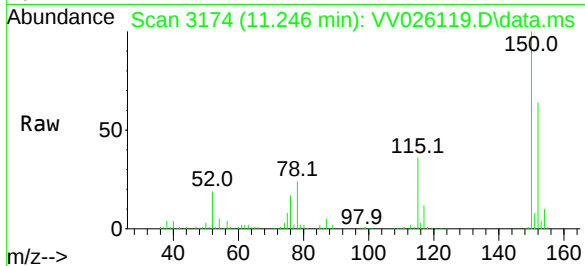




#61
 1,2,3-Trichloropropane
 Concen: 1.469 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV026119.D
 Acq: 11 Jun 2022 10:58

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 7688
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.6 40.0
 110 1.8 32.0 48.0#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.924 min Scan# 3074
 Delta R.T. 0.386 min
 Lab File: VV026119.D
 Acq: 11 Jun 2022 10:58

Tgt Ion: 105 Resp: 1160
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.8 58.2

