

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052022\
 Data File : VV025941.D
 Acq On : 20 May 2022 13:20
 Operator : SY/MD
 Sample : N2955-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA0

Quant Time: May 20 21:50:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

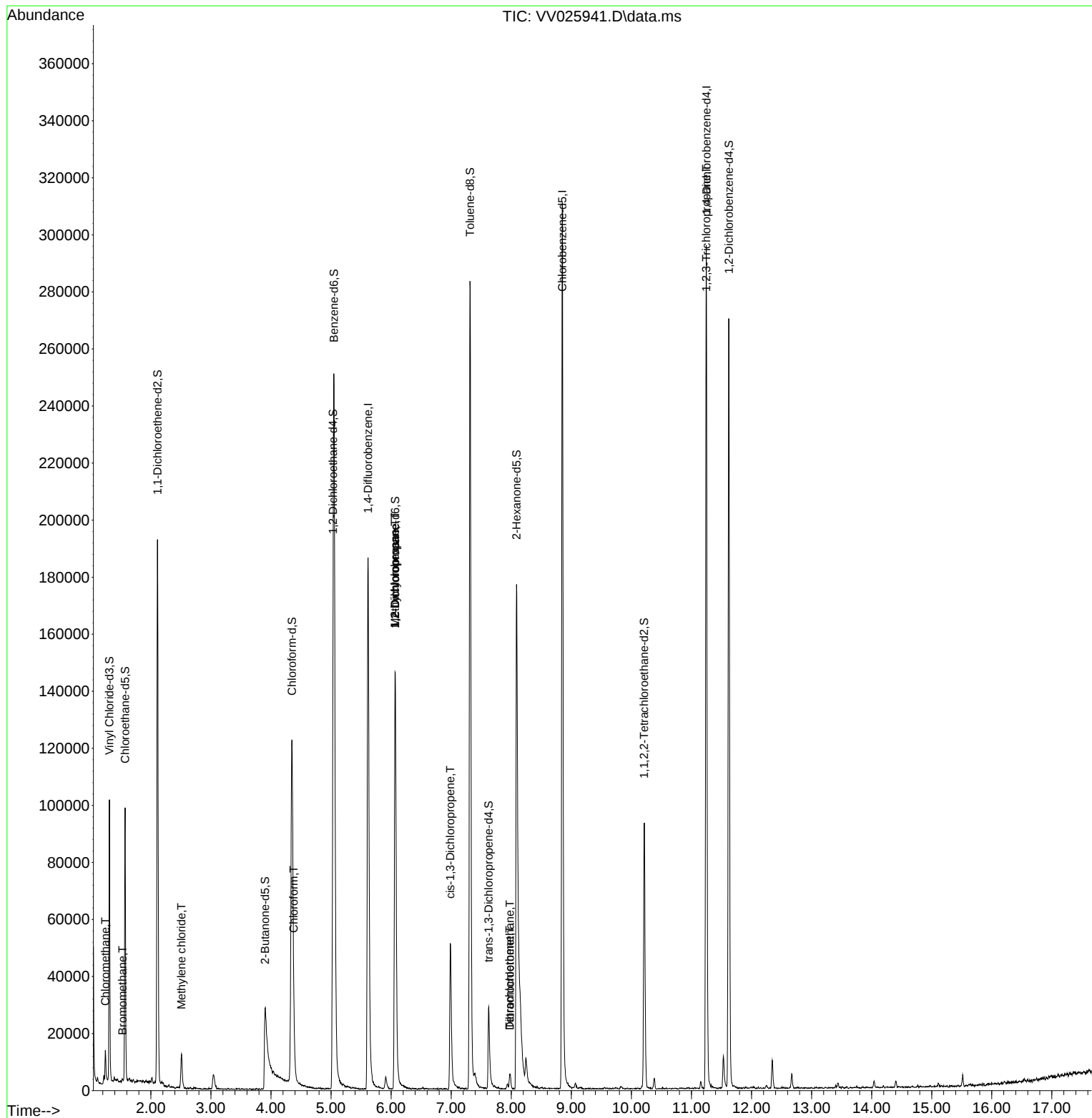
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163500	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	60337	4.468	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.571	69	59551	5.150	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.000%	
11) 1,1-Dichloroethene-d2	2.111	63	100734	3.370	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.902	46	61127	39.088	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.180%	
24) Chloroform-d	4.349	84	126069	5.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.400%	
26) 1,2-Dichloroethane-d4	5.034	65	54017	5.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.400%	
32) Benzene-d6	5.050	84	239335	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.600%	
36) 1,2-Dichloropropane-d6	6.069	67	75643	5.740	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.800%	
41) Toluene-d8	7.314	98	193458	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.625	79	18416	4.273	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.088	63	81309	50.813	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.620%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48307	5.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	67988	6.228	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	124.600%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	6901	0.335	ug/L	100
6) Bromomethane	1.526	94	524	0.042	ug/L	84
16) Methylene chloride	2.510	84	5036	0.316	ug/L	96
25) Chloroform	4.378	83	8330	0.317	ug/L	94
35) Methylcyclohexane	6.066	83	17892	0.772	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	8132	0.583	ug/L #	88
39) cis-1,3-Dichloropropene	6.986	75	1257	0.070	ug/L #	60
47) Tetrachloroethene	7.976	164	646	0.055	ug/L	87
49) Dibromochloromethane	7.979	129	1213	0.116	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	9633	1.509	ug/L #	65

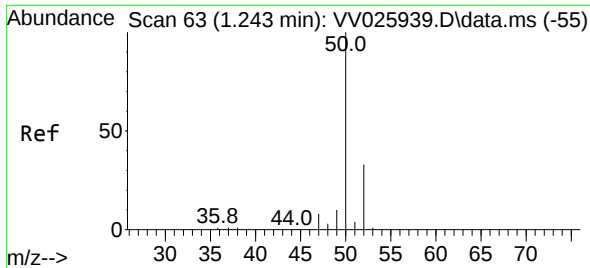
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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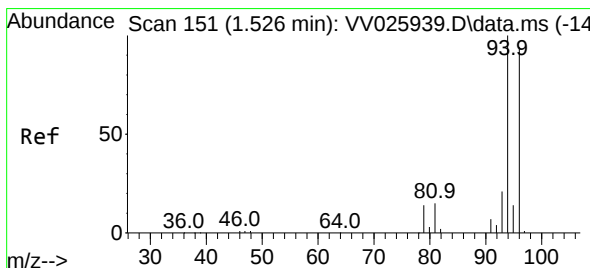
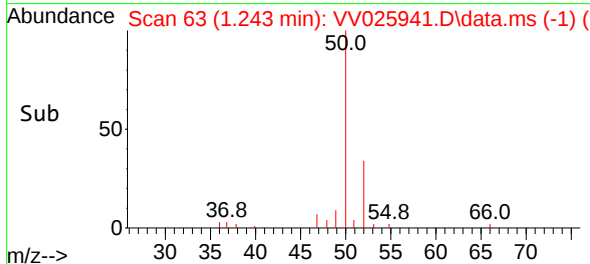
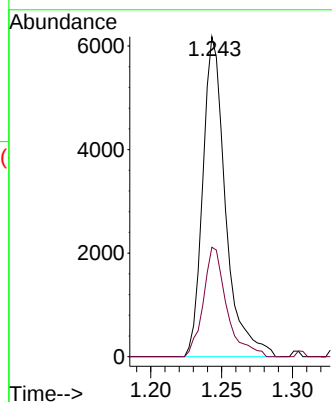
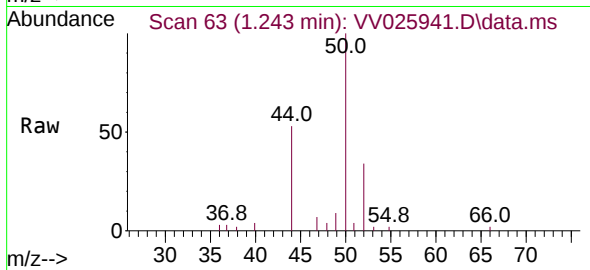




#3
Chloromethane
Concen: 0.335 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025941.D
Acq: 20 May 2022 13:20

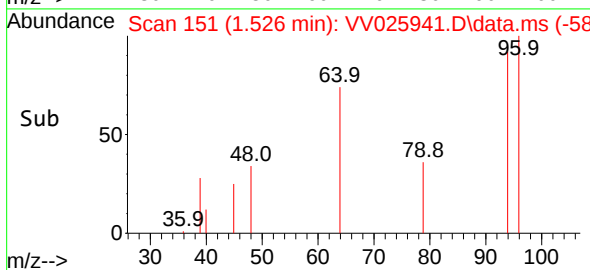
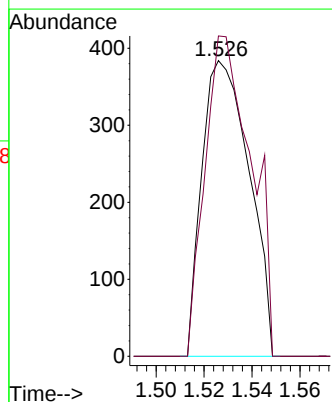
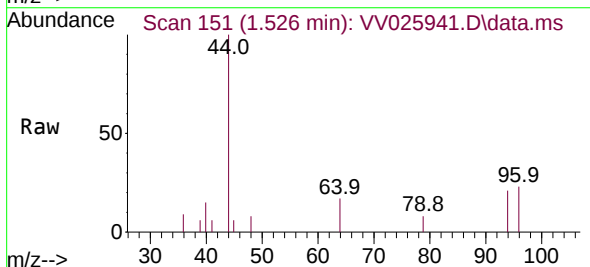
Instrument :
MSVOA_V
ClientSampleId :
C0AA0

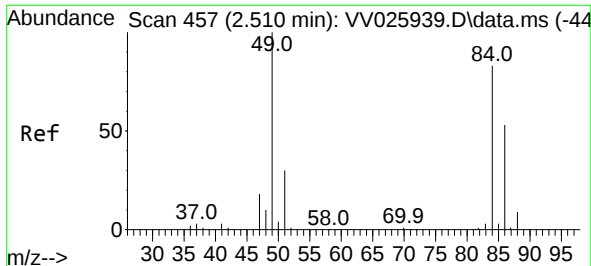
Tgt Ion: 50 Resp: 6901
Ion Ratio Lower Upper
50 100
52 34.2 23.9 44.3



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.000 min
Lab File: VV025941.D
Acq: 20 May 2022 13:20

Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 108.3 65.4 121.4

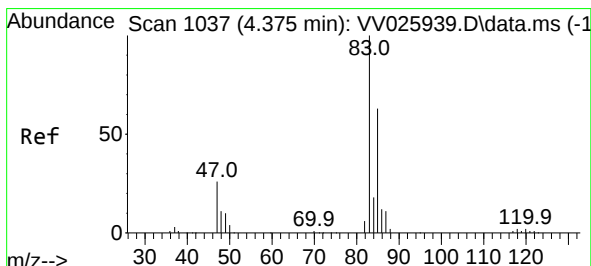
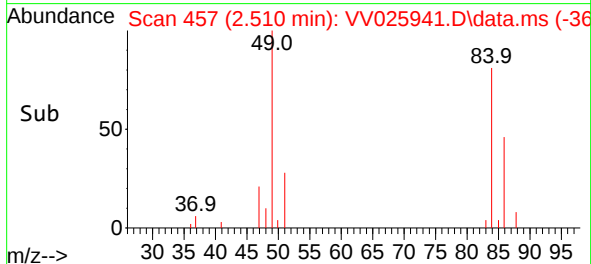
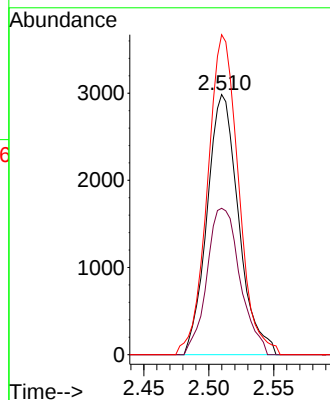
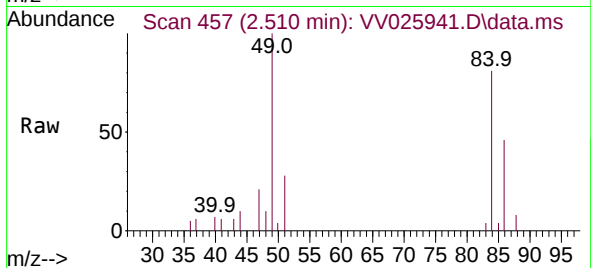




#16
Methylene chloride
Concen: 0.316 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025941.D
Acq: 20 May 2022 13:20

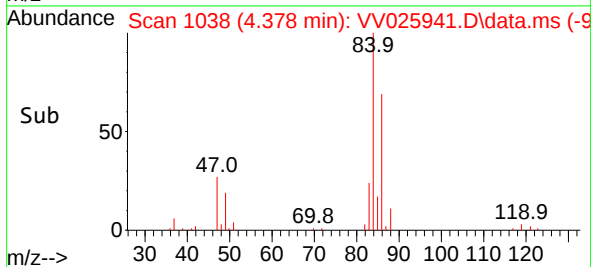
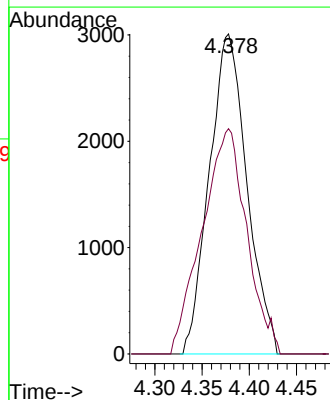
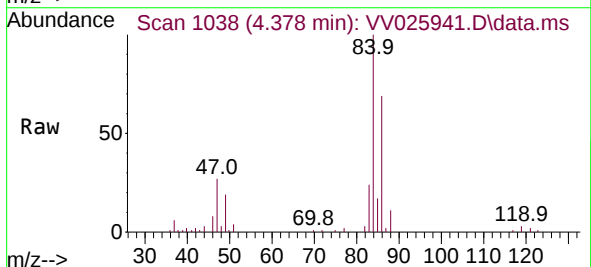
Instrument :
MSVOA_V
ClientSampleId :
C0AA0

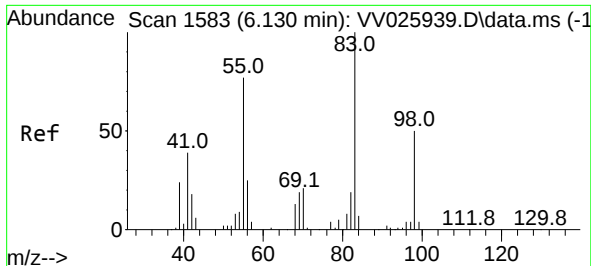
Tgt Ion: 84 Resp: 5036
Ion Ratio Lower Upper
84 100
86 56.3 45.4 84.2
49 123.0 85.6 159.0



#25
Chloroform
Concen: 0.317 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV025941.D
Acq: 20 May 2022 13:20

Tgt Ion: 83 Resp: 8330
Ion Ratio Lower Upper
83 100
85 70.4 46.1 85.7





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV025941.D

Acq: 20 May 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

C0AA0

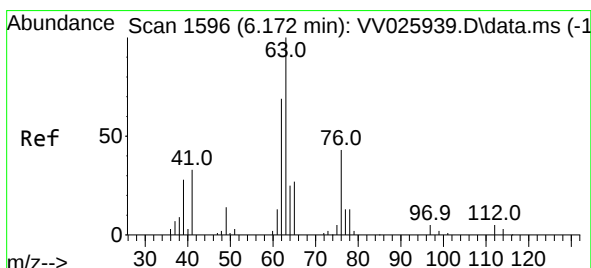
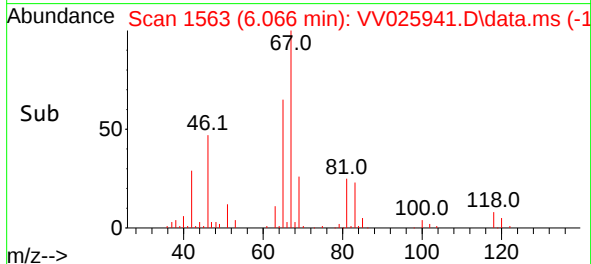
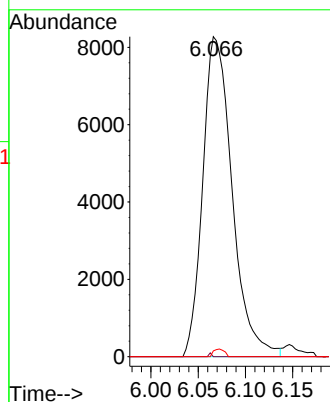
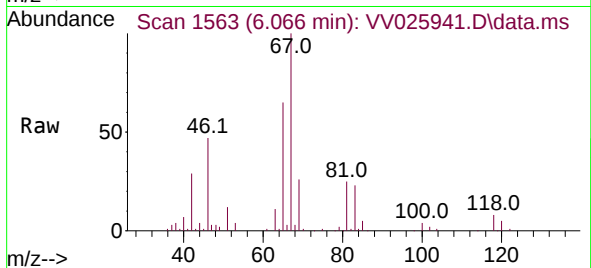
Tgt Ion: 83 Resp: 17892

Ion Ratio Lower Upper

83 100

55 0.1 60.1 90.1#

98 0.9 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV025941.D

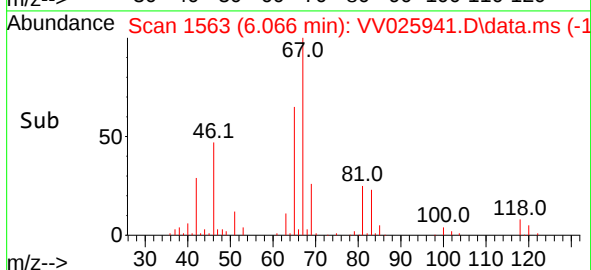
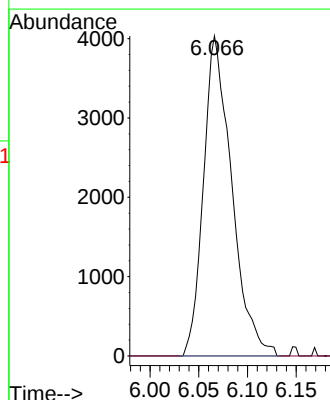
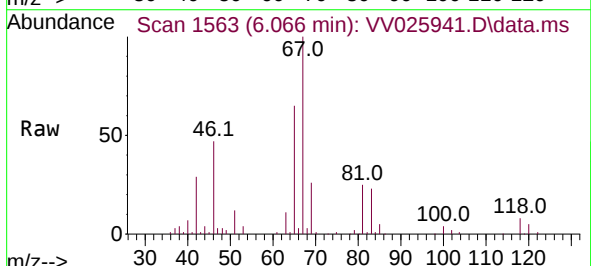
Acq: 20 May 2022 13:20

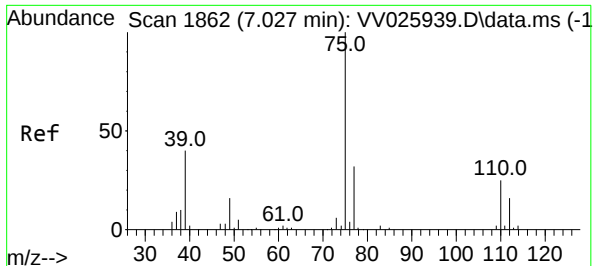
Tgt Ion: 63 Resp: 8132

Ion Ratio Lower Upper

63 100

112 1.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV025941.D

Acq: 20 May 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

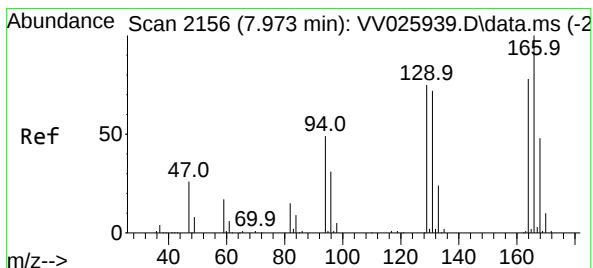
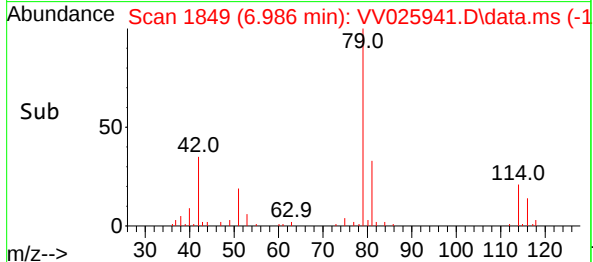
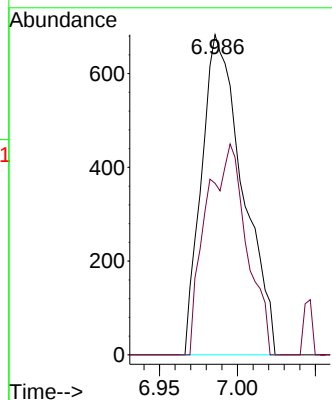
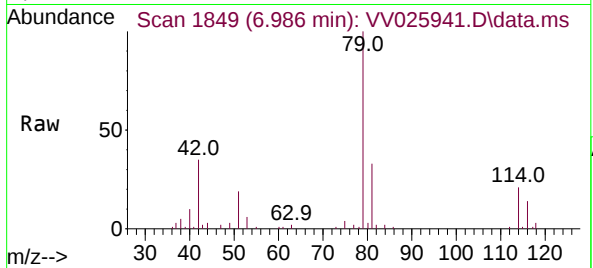
C0AA0

Tgt Ion: 75 Resp: 1257

Ion Ratio Lower Upper

75 100

77 53.6 22.1 41.1#



#47

Tetrachloroethene

Concen: 0.055 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025941.D

Acq: 20 May 2022 13:20

Tgt Ion: 164 Resp: 646

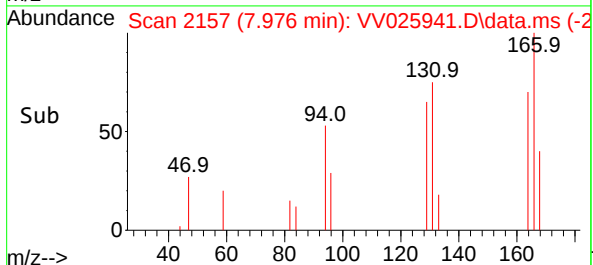
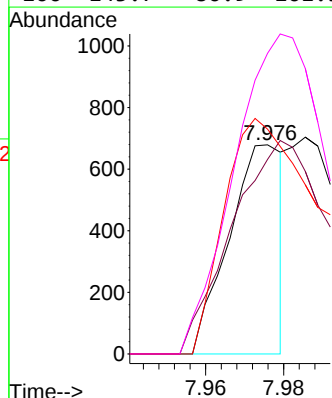
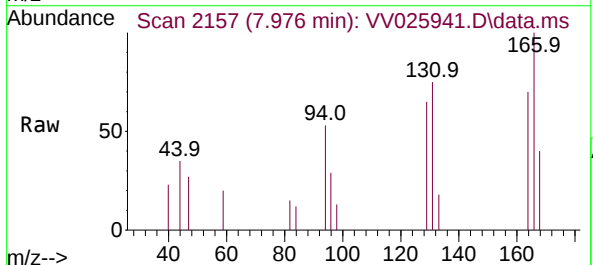
Ion Ratio Lower Upper

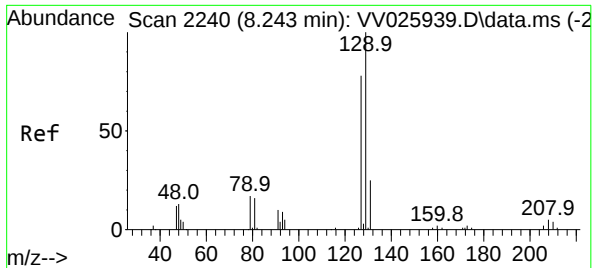
164 100

129 93.1 67.5 125.4

131 107.5 63.8 118.4

166 143.7 86.9 161.3

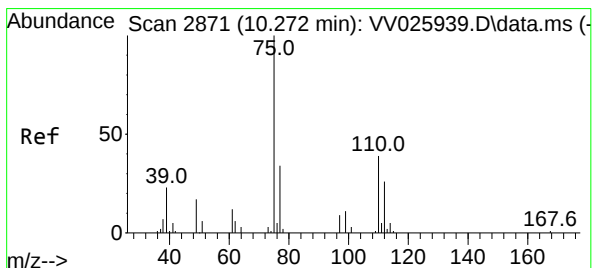
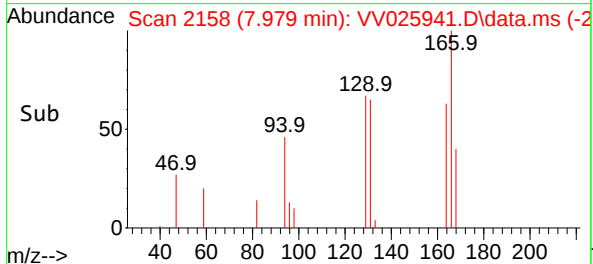
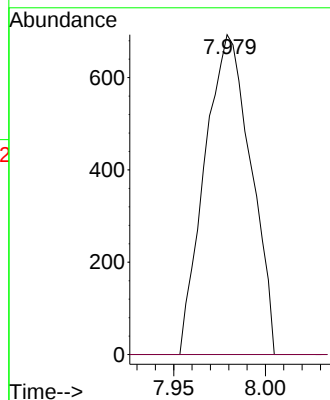
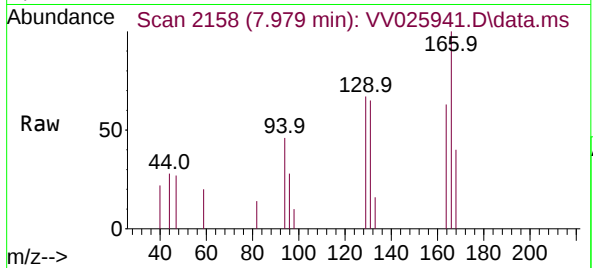




#49
Dibromochloromethane
Concen: 0.116 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.264 min
Lab File: VV025941.D
Acq: 20 May 2022 13:20

Instrument :
MSVOA_V
ClientSampleId :
C0AA0

Tgt Ion:129 Resp: 1213
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.509 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025941.D
Acq: 20 May 2022 13:20

Tgt Ion: 75 Resp: 9633
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.2
110 2.1 32.4 48.6#

