

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031323\
 Data File : VV030183.D
 Acq On : 13 Mar 2023 17:53
 Operator : SY/MD
 Sample : 01884-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 14 03:47:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 14 03:44:35 2023
 Response via : Initial Calibration

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

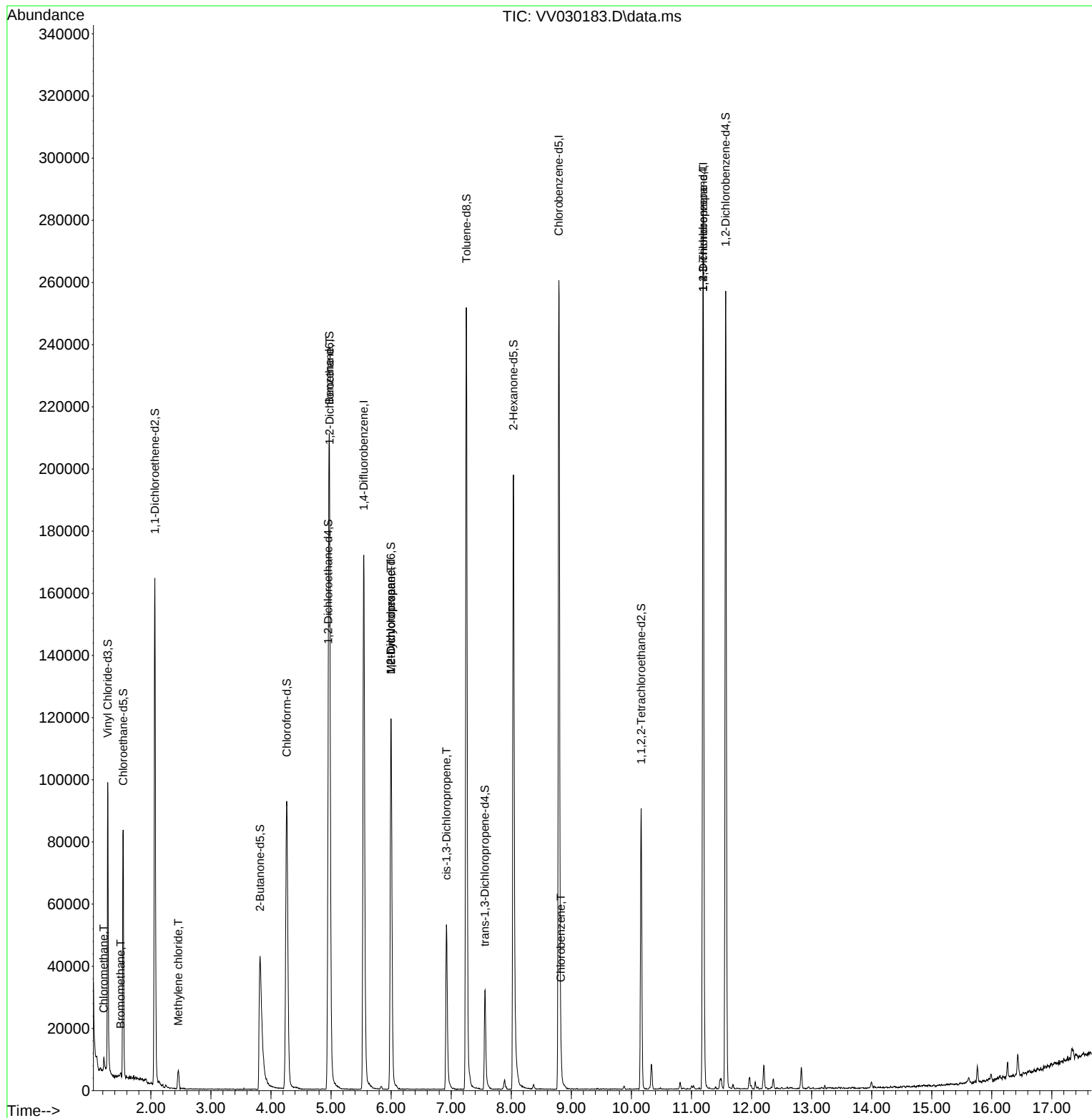
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	160291	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	155283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	63177	6.091	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	121.800%	
7) Chloroethane-d5	1.539	69	52447	5.387	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.800%	
11) 1,1-Dichloroethene-d2	2.066	63	85496	4.010	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	3.818	46	88781	46.428	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.860%	
24) Chloroform-d	4.262	84	106821	5.042	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	4.953	65	46228	5.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.800%	
32) Benzene-d6	4.973	84	209480	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	5.998	67	62453	4.968	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.252	98	183121	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	7.561	79	21637	5.031	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.037	63	79217	44.523	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.040%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44614	4.989	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	11.571	152	71724	5.285	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
3) Chloromethane	1.217	50	2896	0.141	ug/L	95
6) Bromomethane	1.494	94	269	0.110	ug/L #	59
16) Methylene chloride	2.458	84	3004	0.229	ug/L	88
27) 1,2-Dichloroethane	4.976	62	1002	0.097	ug/L #	71
35) Methylcyclohexane	5.998	83	15439	0.858	ug/L #	20
37) 1,2-Dichloropropane	5.998	63	6498	0.602	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1461	0.093	ug/L #	57
51) Chlorobenzene	8.825	112	3655	0.118	ug/L #	80
61) 1,2,3-Trichloropropane	11.194	75	8114	1.511	ug/L #	66

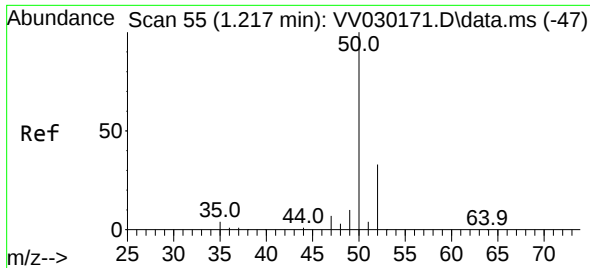
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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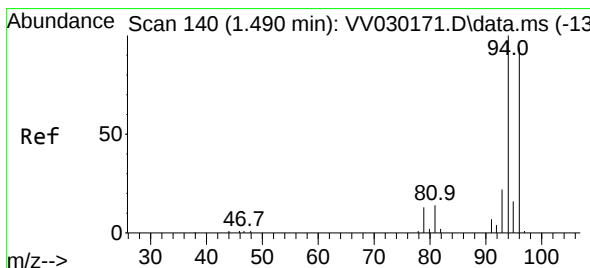
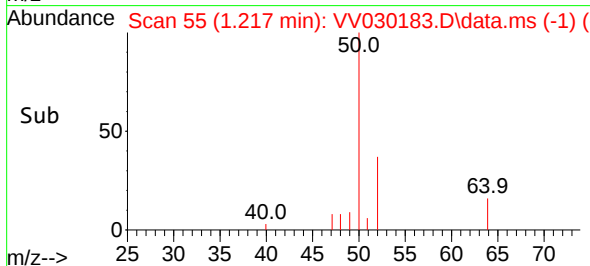
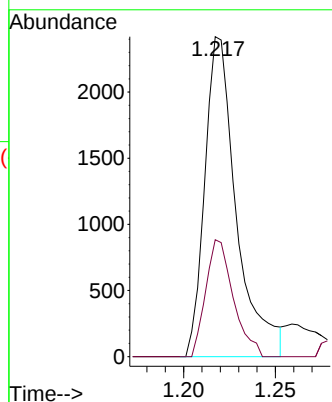
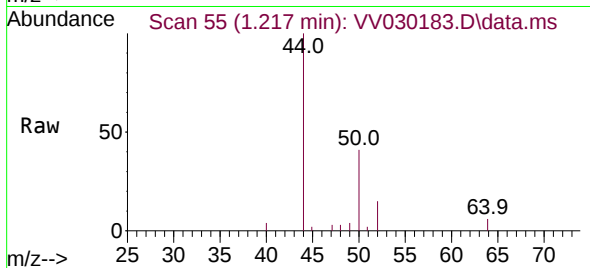




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030183.D
Acq: 13 Mar 2023 17:53

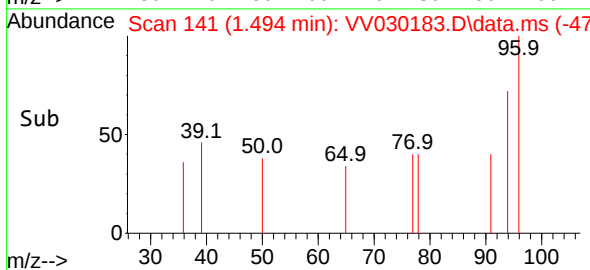
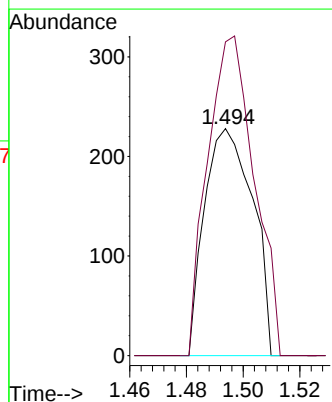
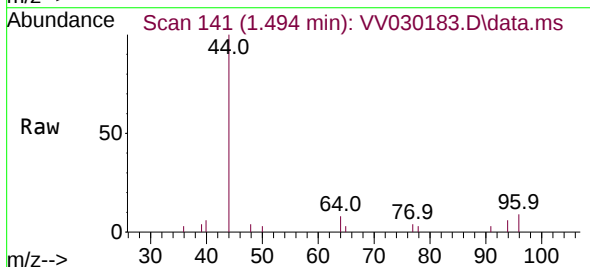
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

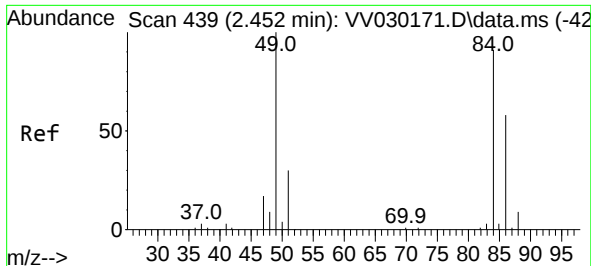
Tgt Ion: 50 Resp: 2896
Ion Ratio Lower Upper
50 100
52 36.5 23.6 43.8



#6
Bromomethane
Concen: 0.110 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030183.D
Acq: 13 Mar 2023 17:53

Tgt Ion: 94 Resp: 269
Ion Ratio Lower Upper
94 100
96 138.2 68.4 127.0#

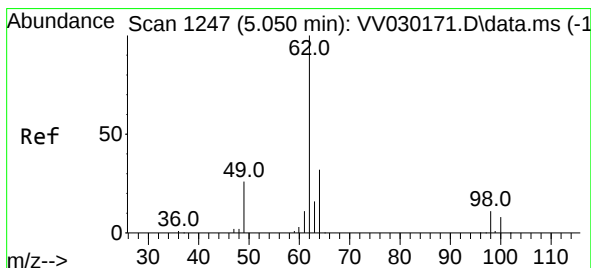
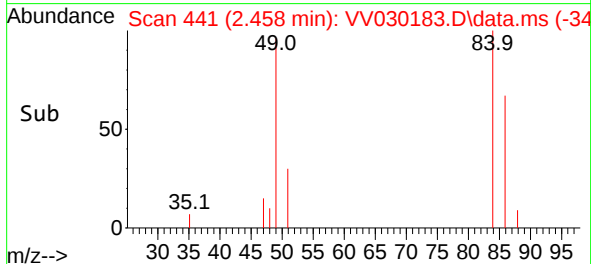
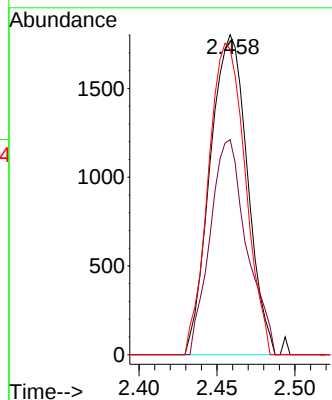
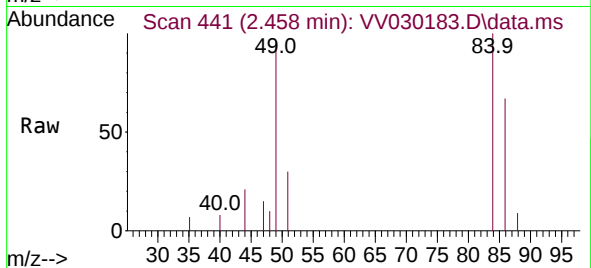




#16
Methylene chloride
Concen: 0.229 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV030183.D
Acq: 13 Mar 2023 17:53

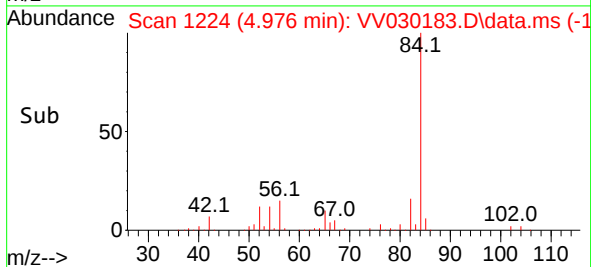
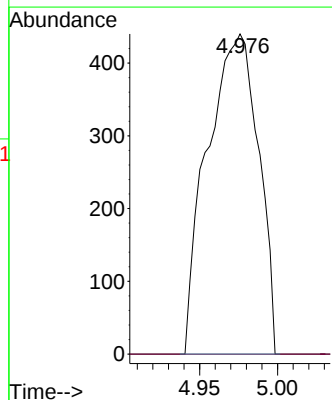
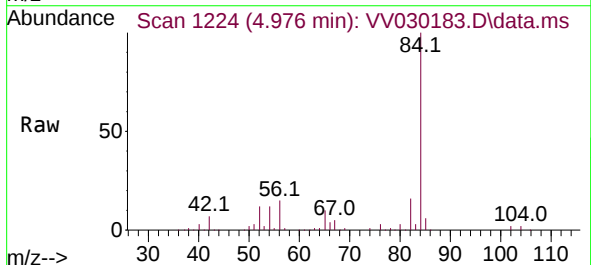
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

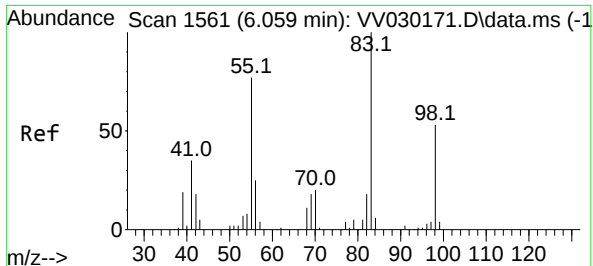
Tgt Ion: 84 Resp: 3004
Ion Ratio Lower Upper
84 100
86 67.2 44.7 83.1
49 95.5 78.8 146.3



#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 4.976 min Scan# 1224
Delta R.T. -0.074 min
Lab File: VV030183.D
Acq: 13 Mar 2023 17:53

Tgt Ion: 62 Resp: 1002
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

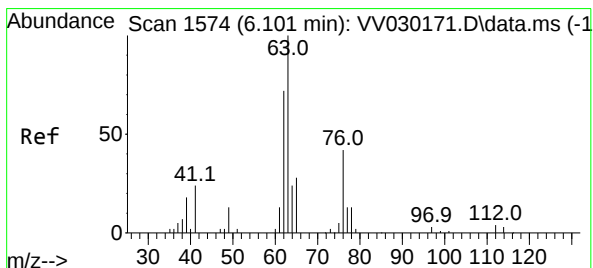
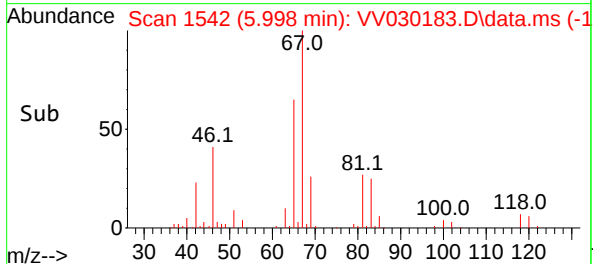
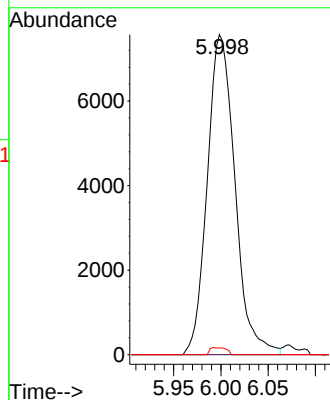
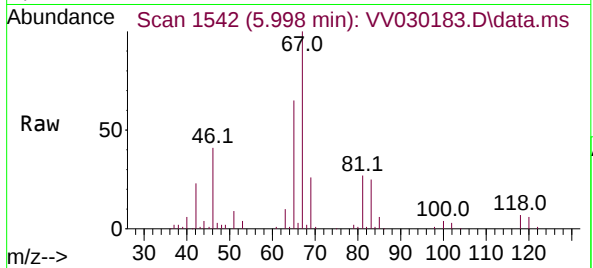




#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030183.D
Acq: 13 Mar 2023 17:53

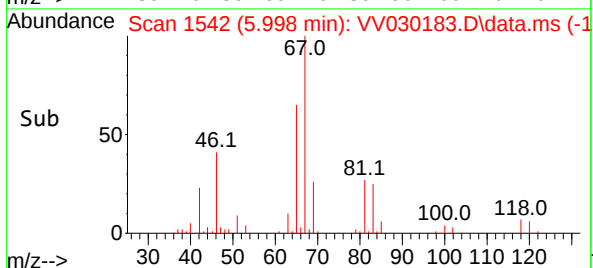
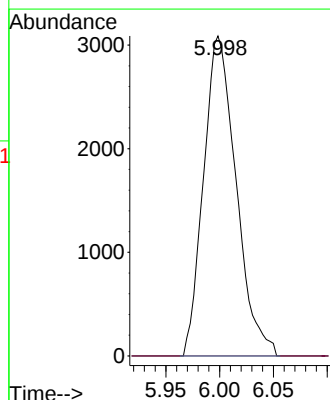
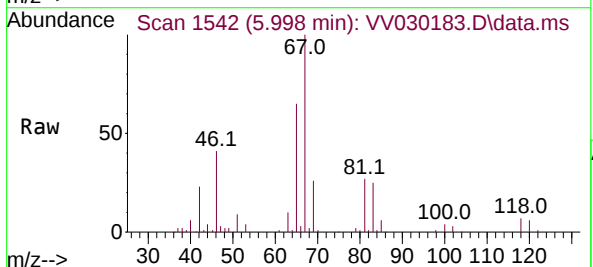
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

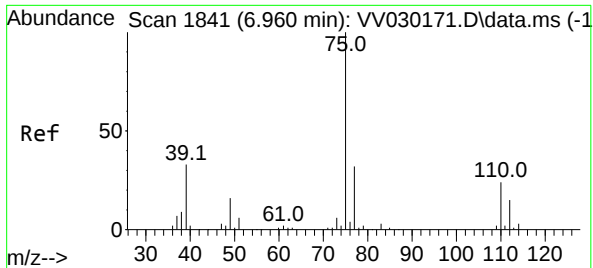
Tgt Ion: 83 Resp: 15439
Ion Ratio Lower Upper
83 100
55 0.0 57.6 86.4#
98 1.3 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.602 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030183.D
Acq: 13 Mar 2023 17:53

Tgt Ion: 63 Resp: 6498
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV030183.D

Acq: 13 Mar 2023 17:53

Instrument :

MSVOA_V

ClientSampleId :

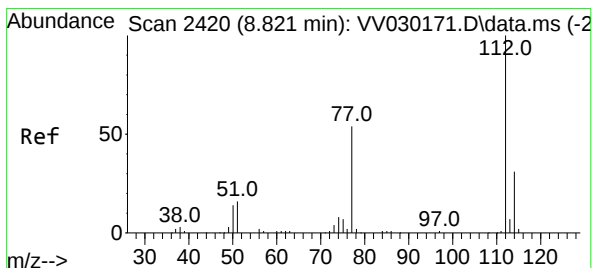
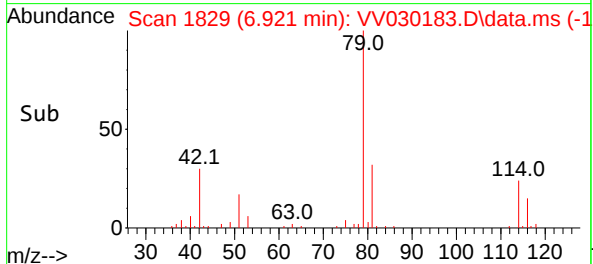
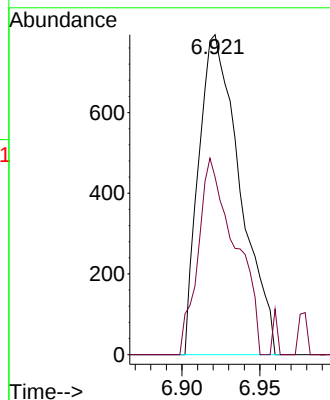
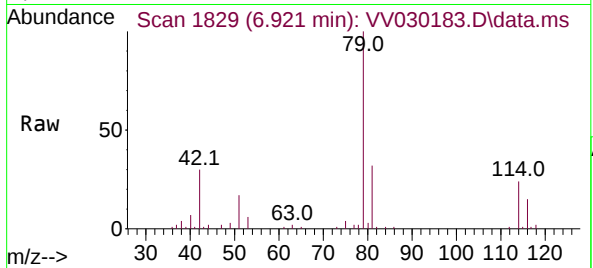
VHBLK001

Tgt Ion: 75 Resp: 1461

Ion Ratio Lower Upper

75 100

77 55.5 22.3 41.3#



#51

Chlorobenzene

Concen: 0.118 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030183.D

Acq: 13 Mar 2023 17:53

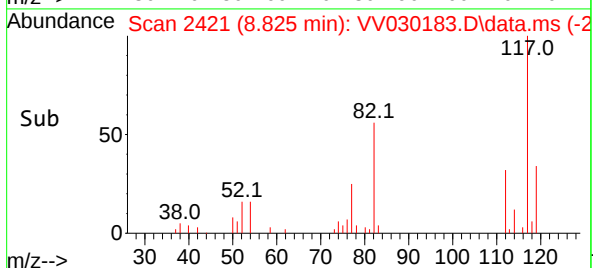
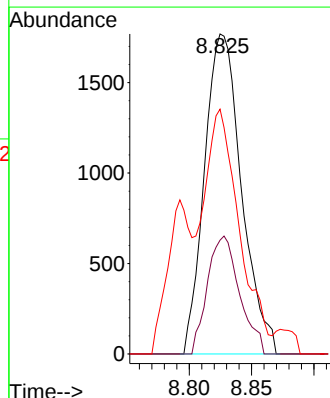
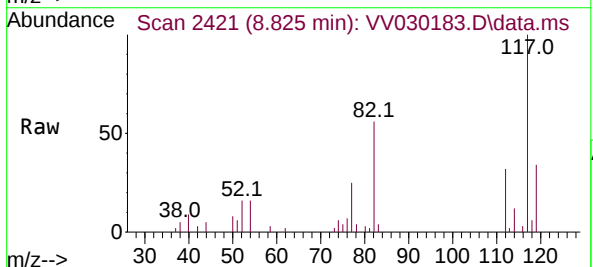
Tgt Ion: 112 Resp: 3655

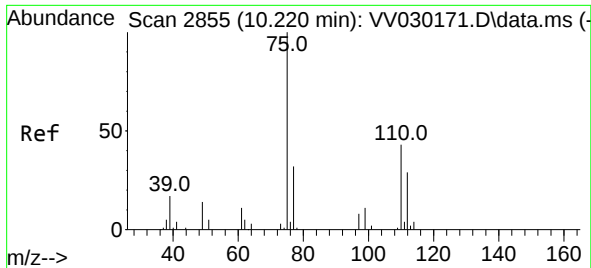
Ion Ratio Lower Upper

112 100

114 35.6 22.5 41.7

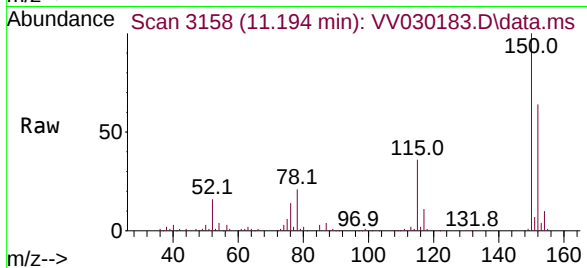
77 76.5 45.3 67.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.511 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV030183.D
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 MSVOA_V
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Tgt Ion: 75	Resp:	8114
Ion	Ratio	Lower Upper
75	100	
77	31.8	26.5 39.7
110	2.0	31.8 47.6#

