

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031722\
 Data File : VW025084.D
 Acq On : 17 Mar 2022 15:57
 Operator : SY/MD
 Sample : N1933-22
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 18 02:22:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 18 02:20:05 2022
 Response via : Initial Calibration

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

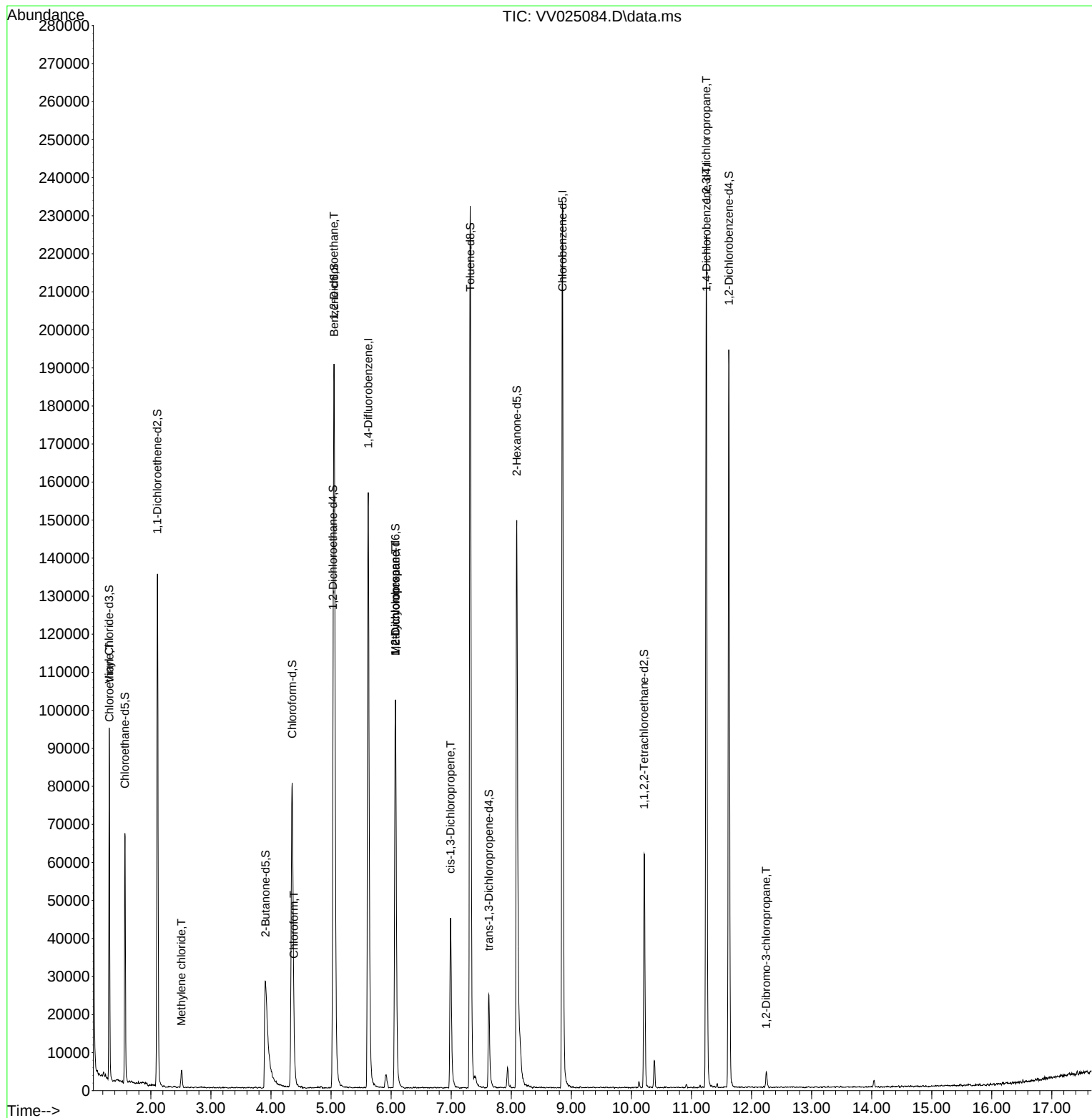
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	136086	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58277	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56979	5.134	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.568	69	43030	5.295	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.800%	
11) 1,1-Dichloroethene-d2	2.108	63	70883	3.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.000%	
20) 2-Butanone-d5	3.908	46	68660	51.193	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.380%	
24) Chloroform-d	4.352	84	87486	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.034	65	38045	4.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.053	84	186476	4.724	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.072	67	54624	4.812	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.317	98	160380	4.458	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.628	79	16277	4.113	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.091	63	57706	42.750	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.500%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30597	4.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49072	4.974	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
8) Chloroethane	1.310	64	690	0.092	ug/L #	1
16) Methylene chloride	2.510	84	2134	0.197	ug/L	93
25) Chloroform	4.381	83	2552	0.134	ug/L	90
27) 1,2-Dichloroethane	5.050	62	930	0.098	ug/L #	71
35) Methylcyclohexane	6.072	83	13072	0.701	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5490	0.540	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1174	0.083	ug/L #	71
61) 1,2,3-Trichloropropane	11.246	75	7294	1.488	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.242	75	132	0.157	ug/L #	1

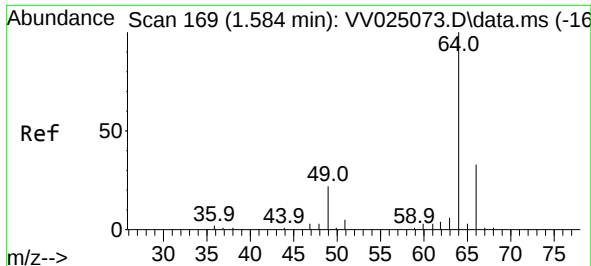
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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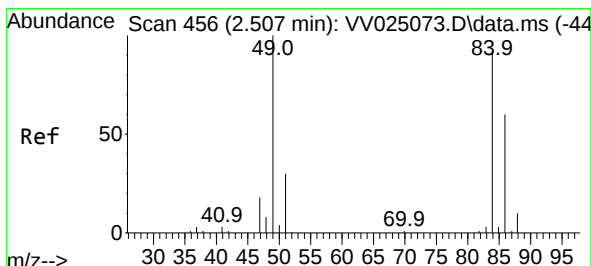
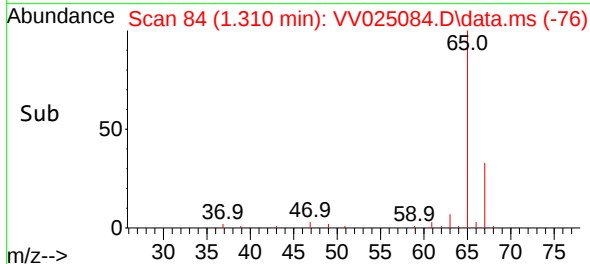
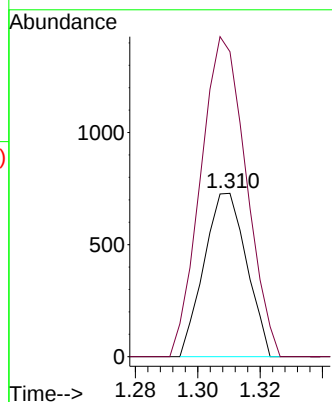
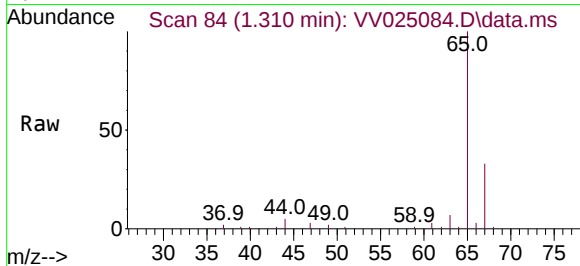




#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV025084.D
Acq: 17 Mar 2022 15:57

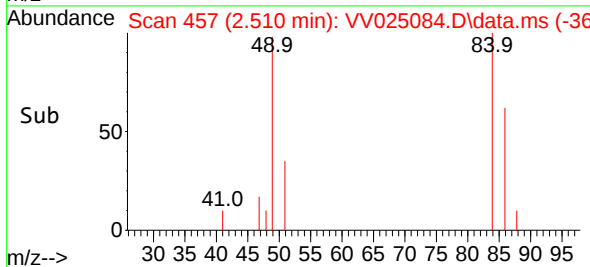
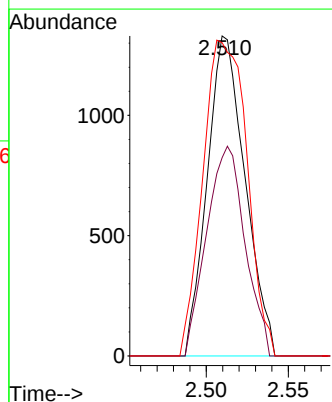
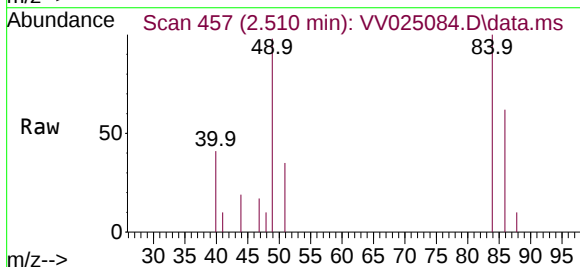
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

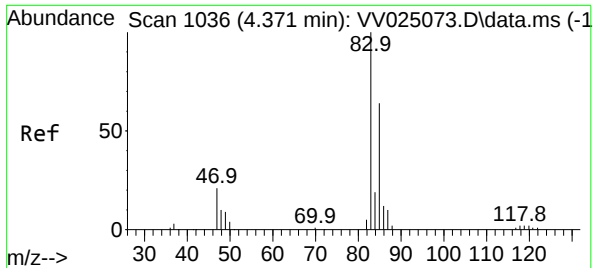
Tgt Ion: 64 Resp: 690
Ion Ratio Lower Upper
64 100
66 186.7 22.5 41.7#



#16
Methylene chloride
Concen: 0.197 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025084.D
Acq: 17 Mar 2022 15:57

Tgt Ion: 84 Resp: 2134
Ion Ratio Lower Upper
84 100
86 62.0 45.5 84.5
49 97.9 75.0 139.2

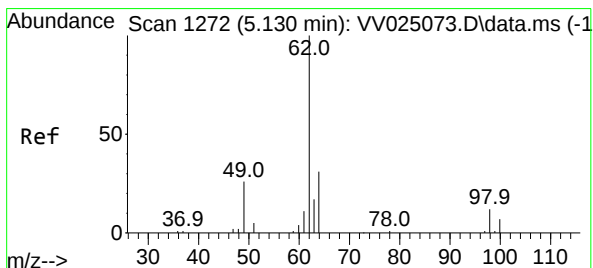
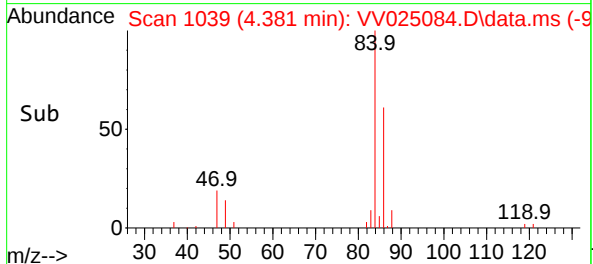
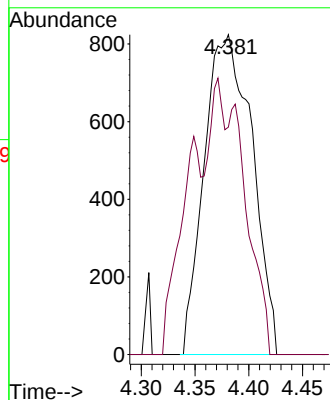
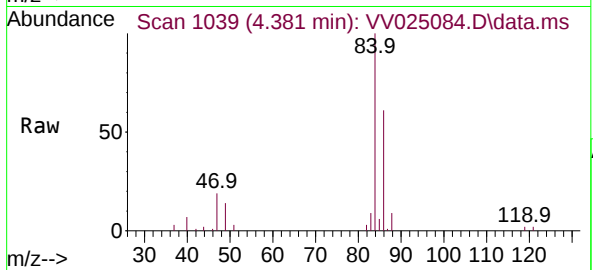




#25
Chloroform
Concen: 0.134 ug/L
RT: 4.381 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV025084.D
Acq: 17 Mar 2022 15:57

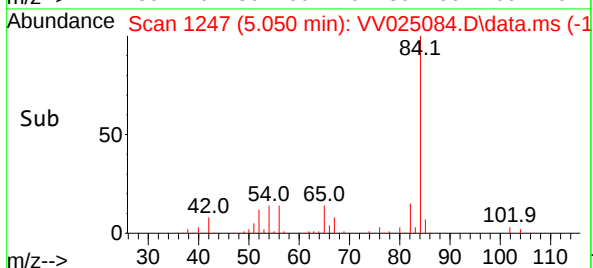
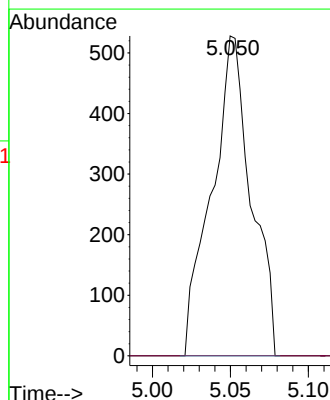
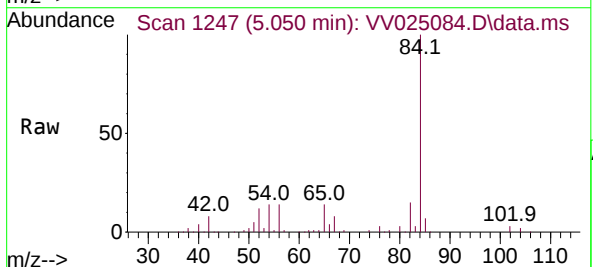
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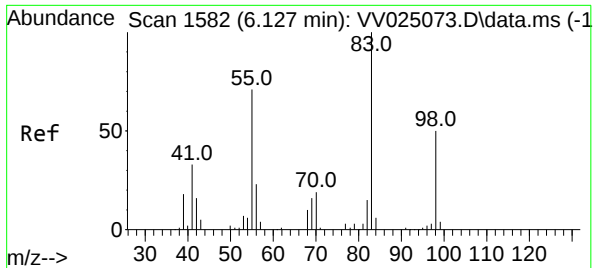
Tgt Ion: 83 Resp: 2552
Ion Ratio Lower Upper
83 100
85 71.1 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV025084.D
Acq: 17 Mar 2022 15:57

Tgt Ion: 62 Resp: 930
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

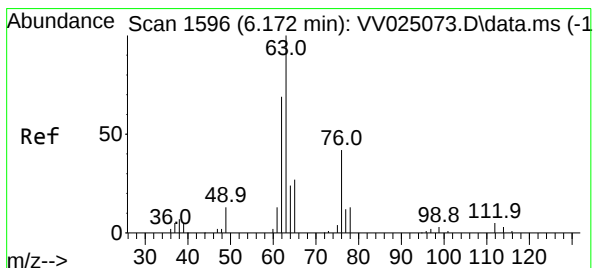
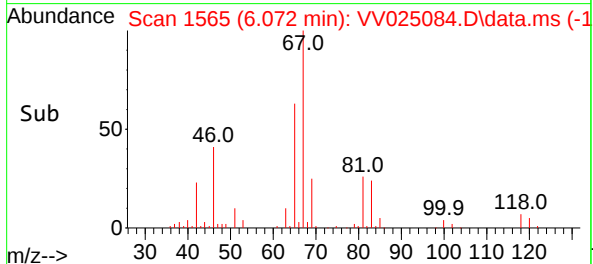
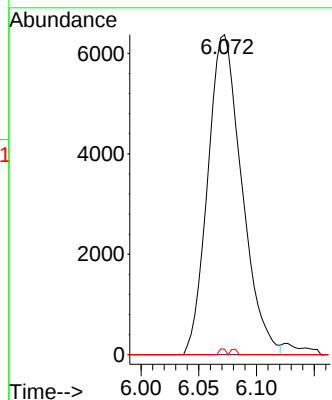
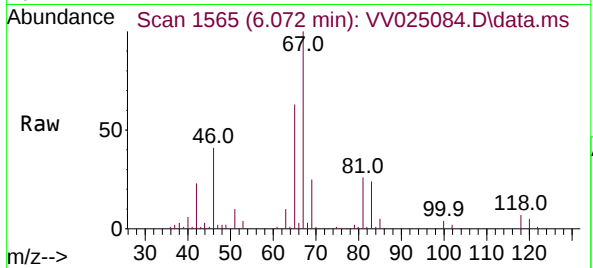




#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025084.D
Acq: 17 Mar 2022 15:57

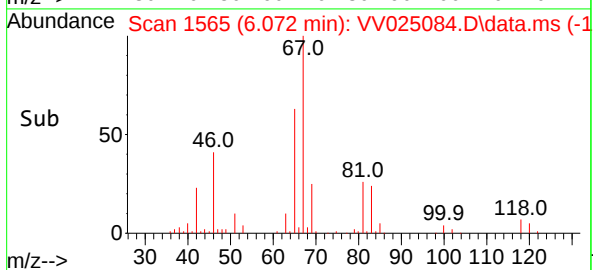
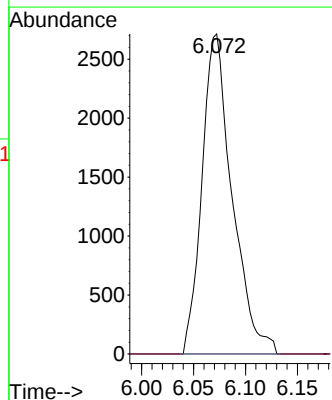
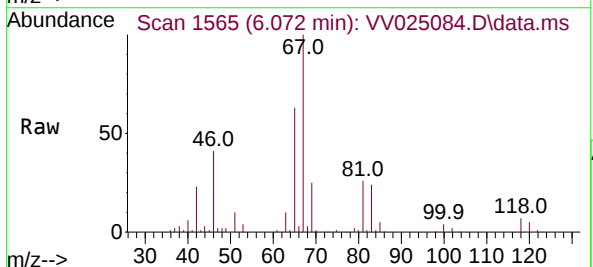
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

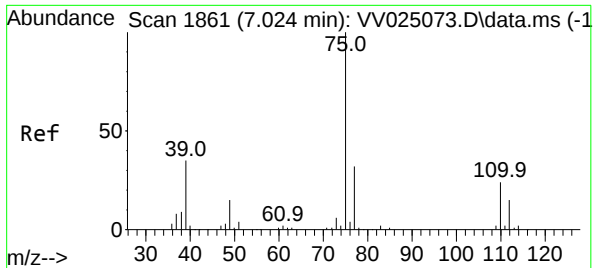
Tgt Ion: 83 Resp: 13072
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV025084.D
Acq: 17 Mar 2022 15:57

Tgt Ion: 63 Resp: 5490
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025084.D

Acq: 17 Mar 2022 15:57

Instrument :

MSVOA_V

ClientSampleId :

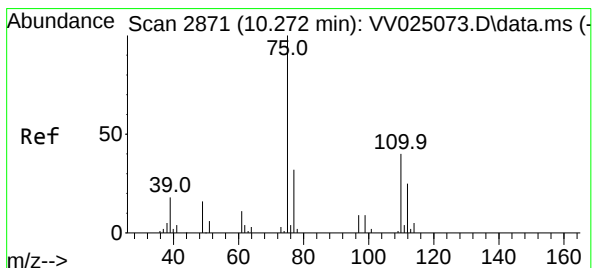
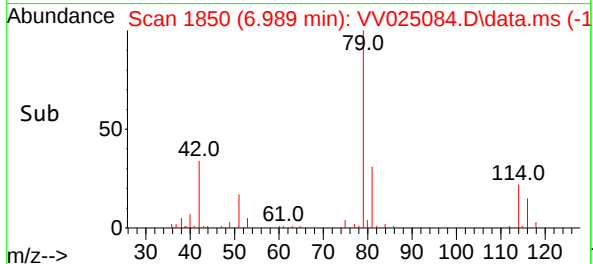
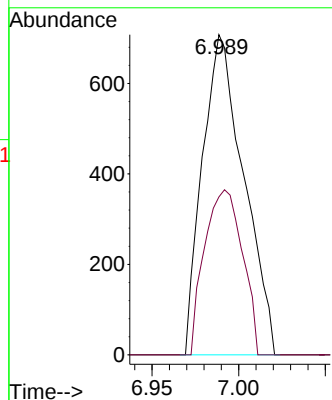
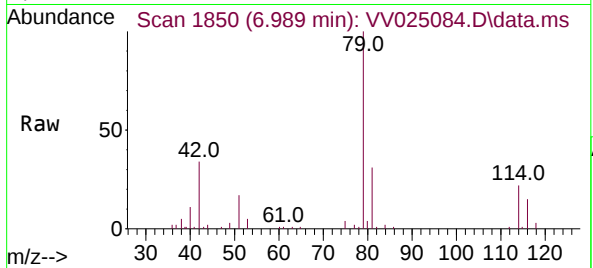
VHBLK001

Tgt Ion: 75 Resp: 1174

Ion Ratio Lower Upper

75 100

77 49.3 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.488 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025084.D

Acq: 17 Mar 2022 15:57

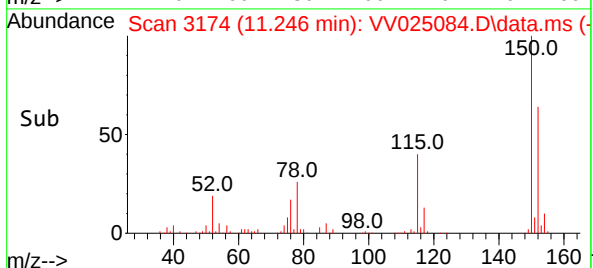
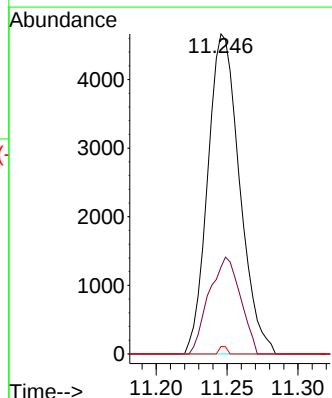
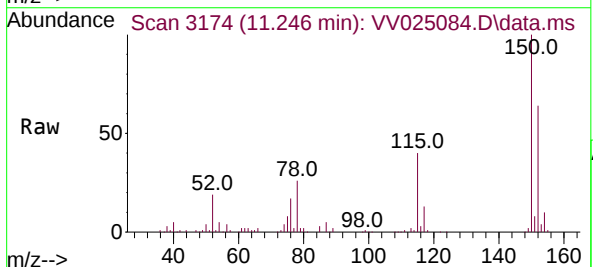
Tgt Ion: 75 Resp: 7294

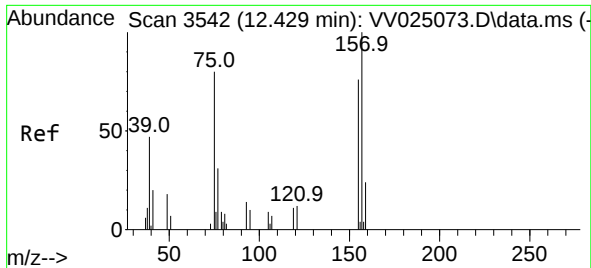
Ion Ratio Lower Upper

75 100

77 29.8 25.7 38.5

110 0.6 31.2 46.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.157 ug/L

RT: 12.242 min Scan# 34

Delta R.T. -0.187 min

Lab File: VV025084.D

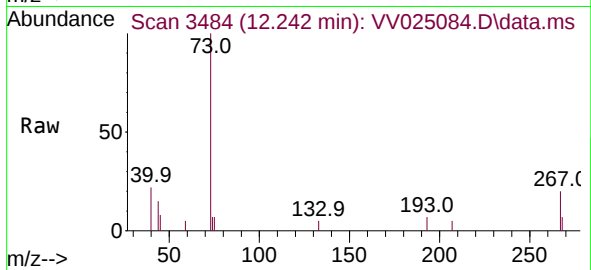
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Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

