

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023568.D
 Acq On : 17 Nov 2021 14:36
 Operator : SY/MD
 Sample : M4643-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Nov 18 00:21:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

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

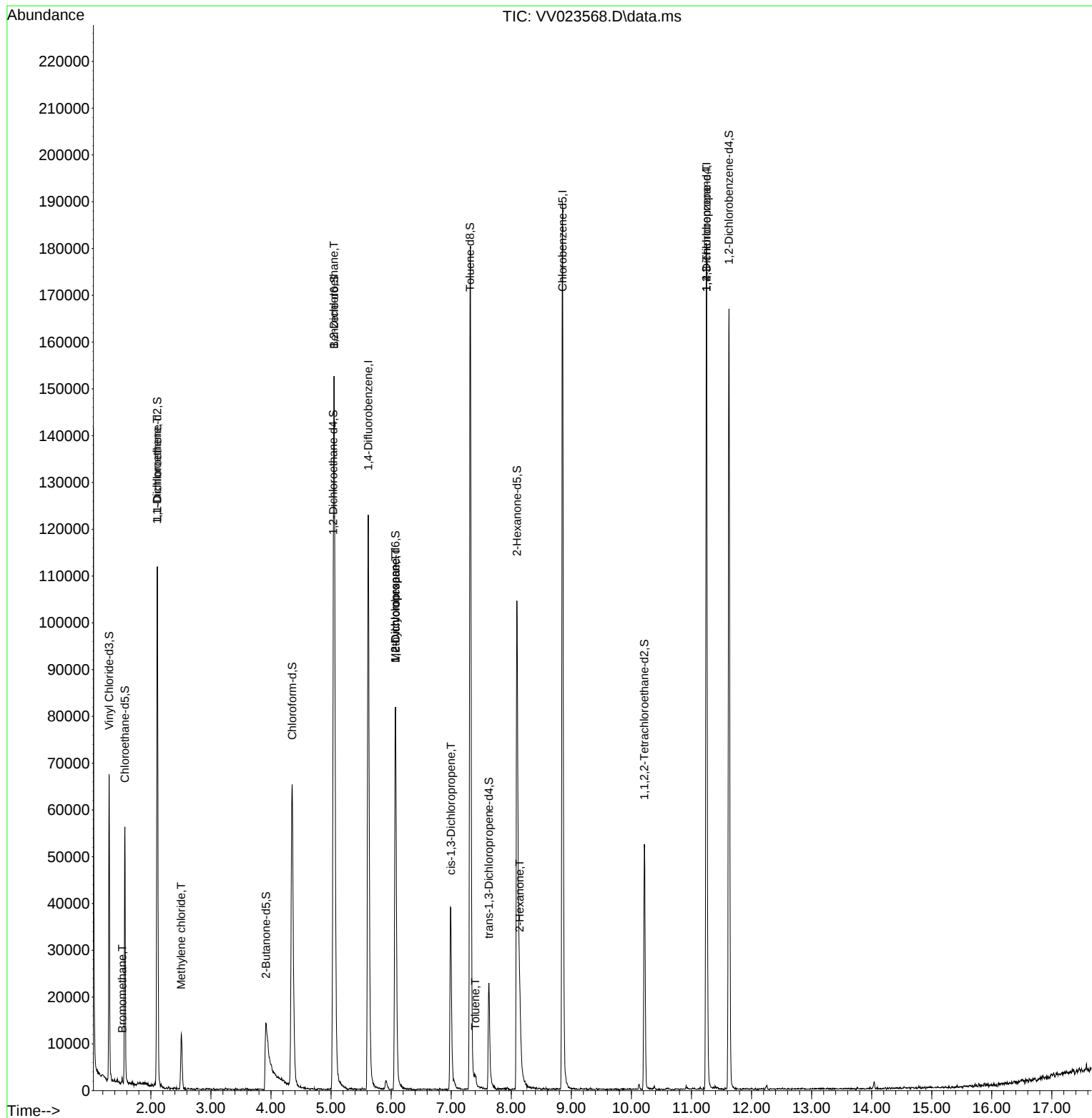
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40966	5.959	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	119.200%	
7) Chloroethane-d5	1.568	69	31746	5.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.400%	
11) 1,1-Dichloroethene-d2	2.108	63	56707	4.406	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	3.915	46	39638	33.467	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.940%	
24) Chloroform-d	4.352	84	67607	4.615	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.037	65	32257	4.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.053	84	138716	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.072	67	37921	4.662	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.317	98	122213	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	7.629	79	14784	4.793	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.095	63	45360	39.973	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.940%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25448	4.351	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	44631	5.483	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						
						Qvalue
6) Bromomethane	1.523	94	459	0.079	ug/L	79
12) 1,1-Dichloroethene	2.105	96	599	0.092	ug/L #	1
16) Methylene chloride	2.507	84	5232	0.548	ug/L	95
27) 1,2-Dichloroethane	5.047	62	896	0.116	ug/L #	72
35) Methylcyclohexane	6.072	83	10002	0.792	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4788	0.681	ug/L #	83
39) cis-1,3-Dichloropropene	6.995	75	1215	0.120	ug/L #	68
42) Toluene	7.400	91	1996	0.062	ug/L	87
48) 2-Hexanone	8.140	43	3785	1.657	ug/L #	51
61) 1,2,3-Trichloropropane	11.249	75	5390	1.660	ug/L #	65

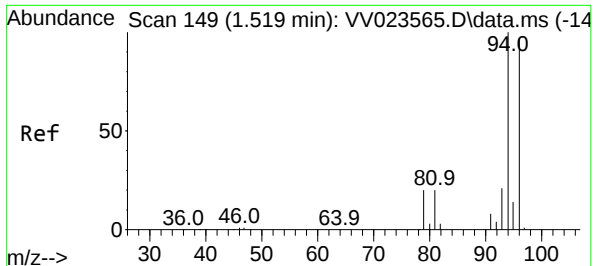
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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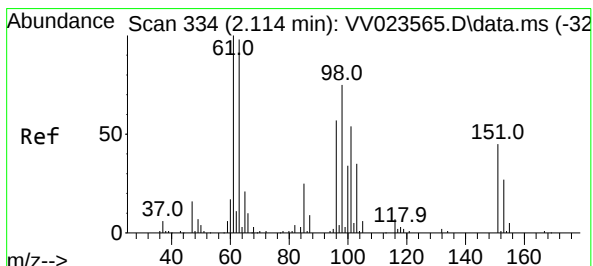
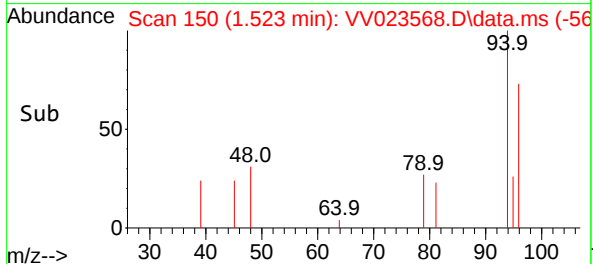
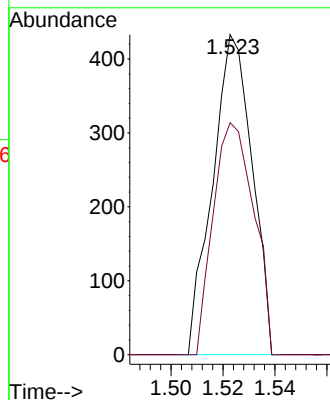
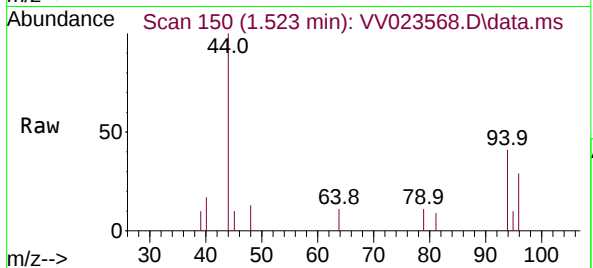




#6
Bromomethane
Concen: 0.079 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023568.D
Acq: 17 Nov 2021 14:36

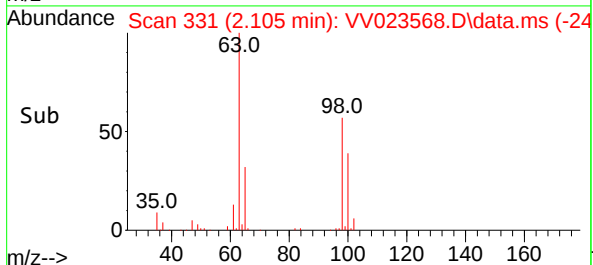
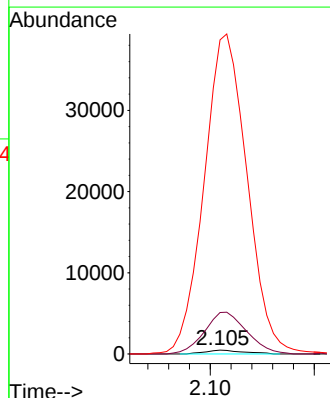
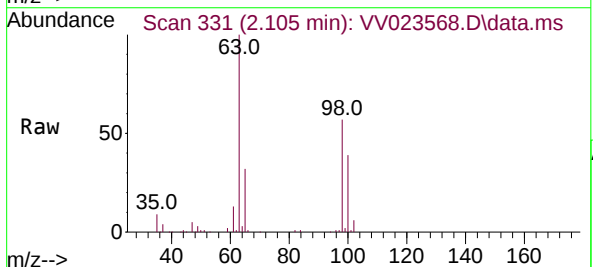
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

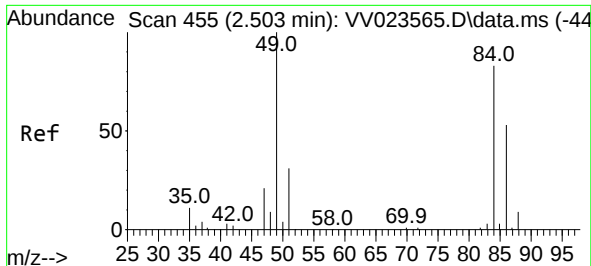
Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 72.5 65.0 120.8



#12
1,1-Dichloroethene
Concen: 0.092 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV023568.D
Acq: 17 Nov 2021 14:36

Tgt Ion: 96 Resp: 599
Ion Ratio Lower Upper
96 100
61 1057.7 121.5 225.7#
63 8024.9 99.6 185.0#

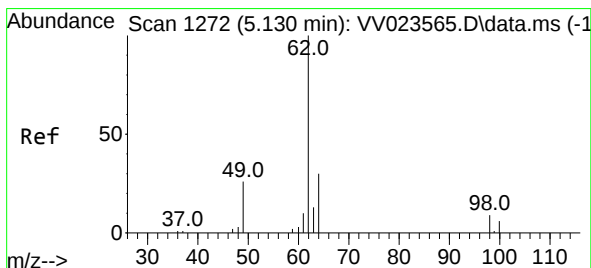
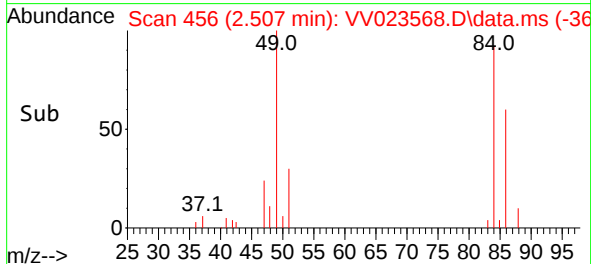
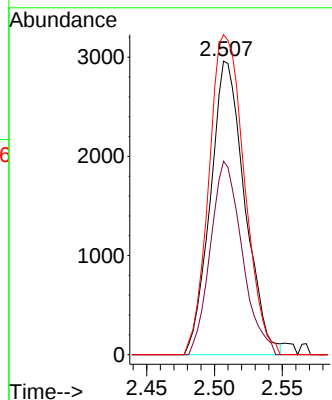
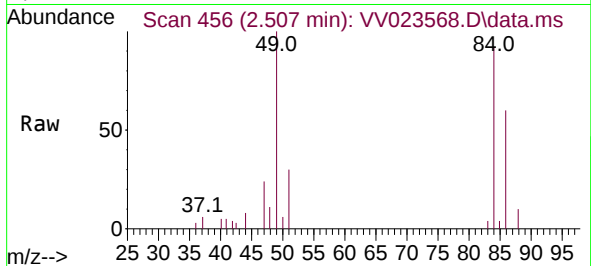




#16
Methylene chloride
Concen: 0.548 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023568.D
Acq: 17 Nov 2021 14:36

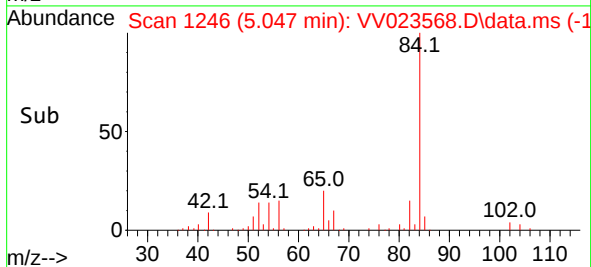
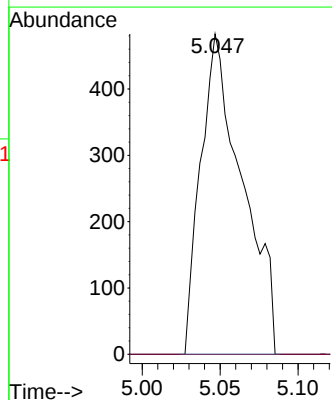
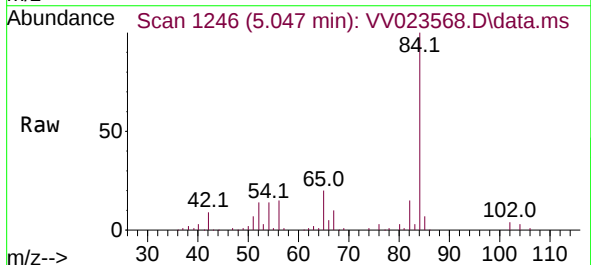
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

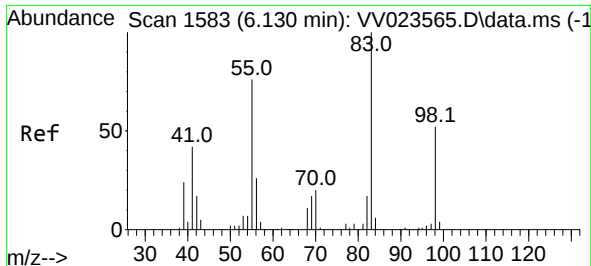
Tgt Ion: 84 Resp: 5232
Ion Ratio Lower Upper
84 100
86 65.9 42.3 78.5
49 109.0 79.7 148.1



#27
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.083 min
Lab File: VV023568.D
Acq: 17 Nov 2021 14:36

Tgt Ion: 62 Resp: 896
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV023568.D

Acq: 17 Nov 2021 14:36

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

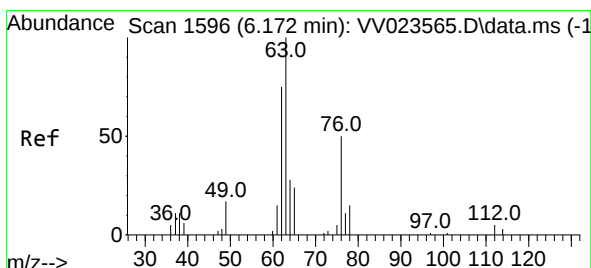
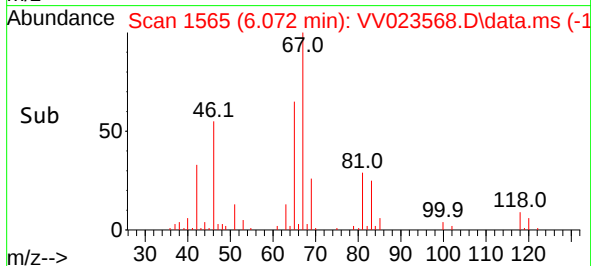
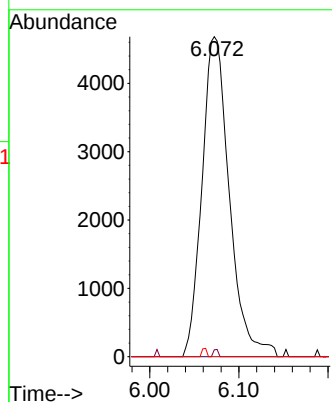
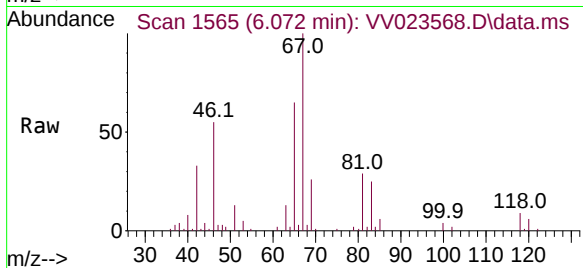
Tgt Ion: 83 Resp: 10002

Ion Ratio Lower Upper

83 100

55 0.4 62.8 94.2#

98 0.5 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.681 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023568.D

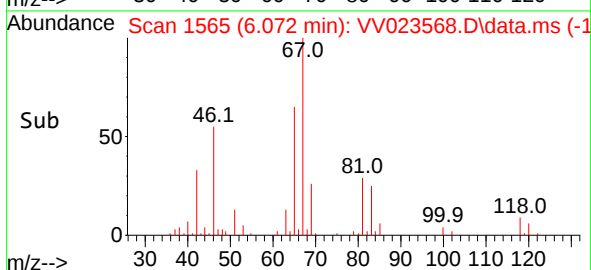
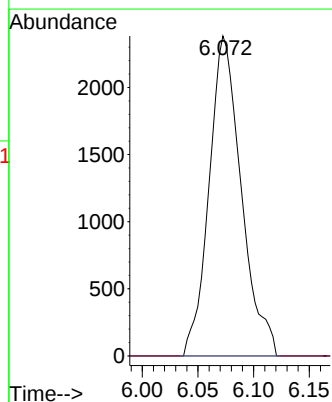
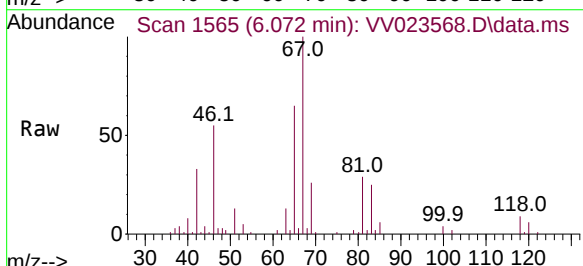
Acq: 17 Nov 2021 14:36

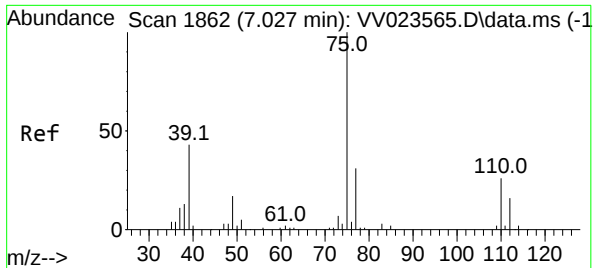
Tgt Ion: 63 Resp: 4788

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV023568.D

Acq: 17 Nov 2021 14:36

Instrument :

MSVOA_V

ClientSampleId :

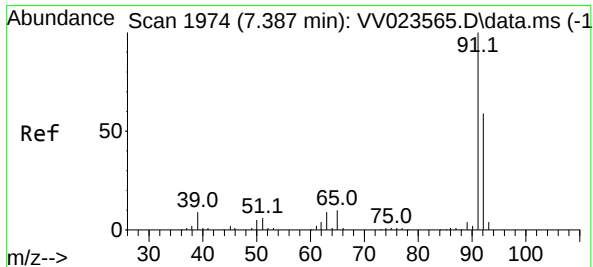
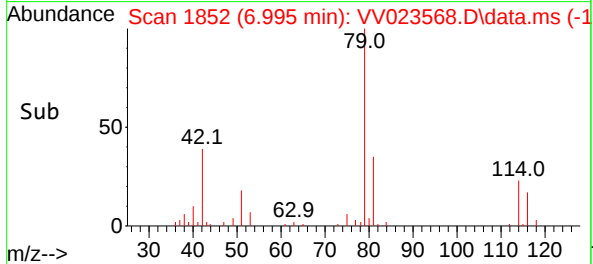
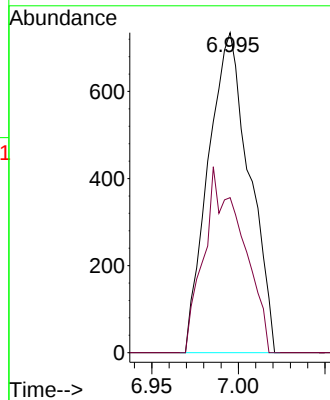
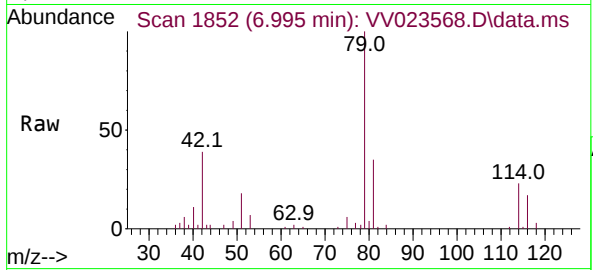
VHBLK001

Tgt Ion: 75 Resp: 1215

Ion Ratio Lower Upper

75 100

77 48.4 21.6 40.2#



#42

Toluene

Concen: 0.062 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023568.D

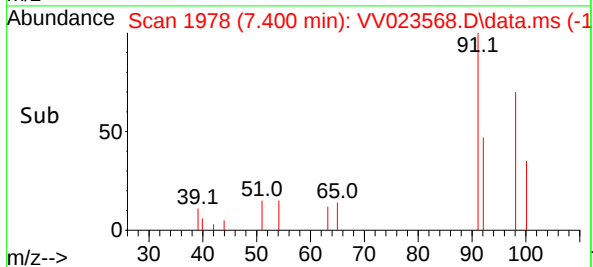
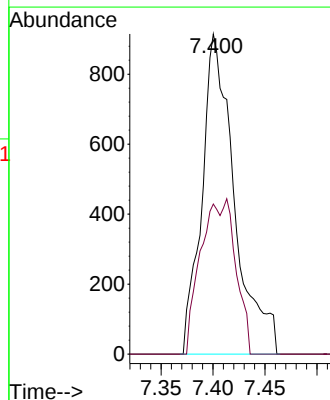
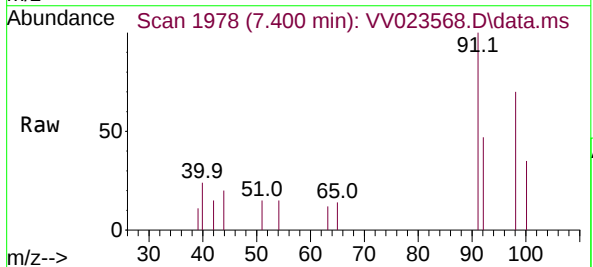
Acq: 17 Nov 2021 14:36

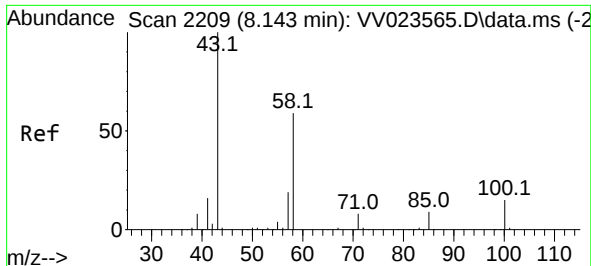
Tgt Ion: 91 Resp: 1996

Ion Ratio Lower Upper

91 100

92 46.9 39.3 72.9

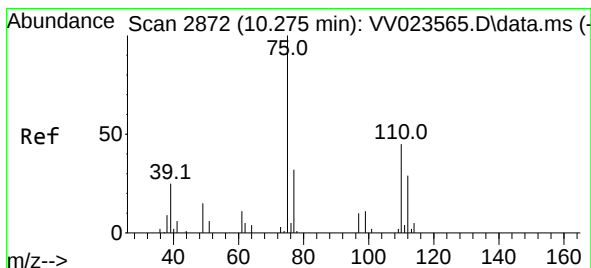
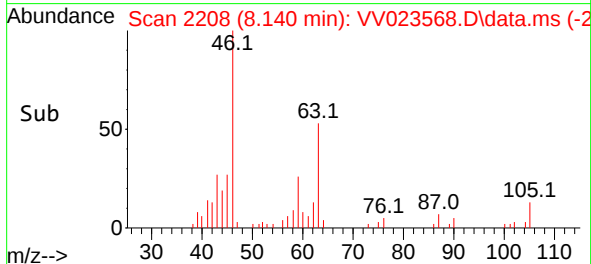
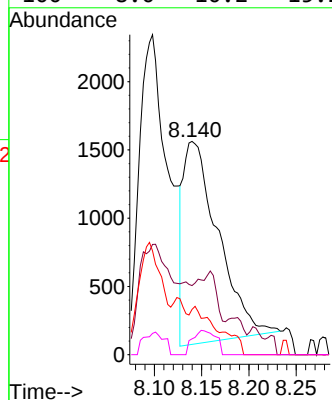
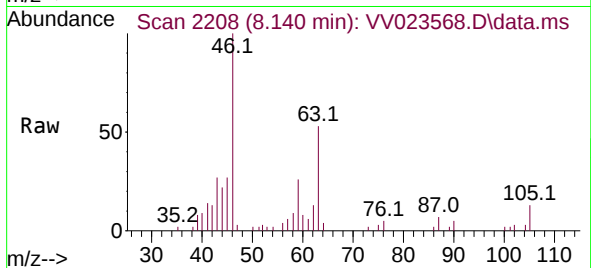




#48
2-Hexanone
Concen: 1.657 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
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Acq: 17 Nov 2021 14:36

Instrument :
MSVOA_V
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Tgt Ion: 43	Resp: 3785
Ion Ratio	Lower Upper
43 100	
58 2.1	43.7 65.5#
57 18.3	14.1 21.1
100 8.0	10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.660 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023568.D
Acq: 17 Nov 2021 14:36

Tgt Ion: 75	Resp: 5390		
Ion Ratio	Lower	Upper	
75 100			
77 33.3	26.6	39.8	
110 0.4	31.8	47.6#	

