

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102721\
 Data File : VV023071.D
 Acq On : 27 Oct 2021 20:22
 Operator : SY/MD
 Sample : M4277-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 28 01:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

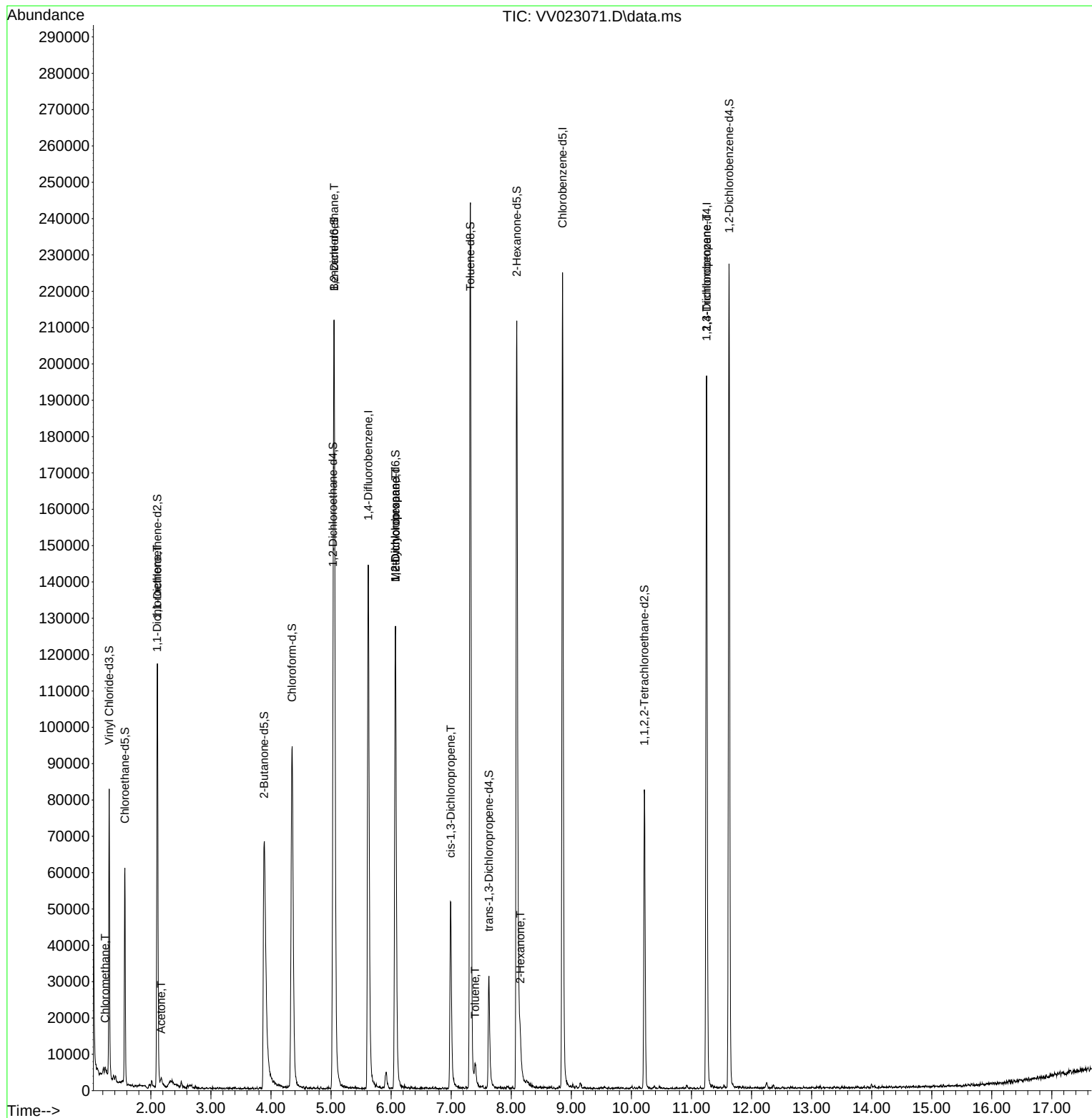
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	127743	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47791	4.281	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.600%	
7) Chloroethane-d5	1.568	69	34376	4.979	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.108	63	58512	3.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	3.886	46	105402	58.864	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.720%	
24) Chloroform-d	4.352	84	99253	5.469	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.400%	
26) 1,2-Dichloroethane-d4	5.034	65	45587	5.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.053	84	196493	5.232	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
36) 1,2-Dichloropropane-d6	6.072	67	63432	5.486	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.800%	
41) Toluene-d8	7.320	98	163977	4.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	7.628	79	18179	4.488	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.091	63	68280	45.527	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39768	4.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.628	152	59376	6.148	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	789	0.090	ug/L	99
12) 1,1-Dichloroethene	2.105	96	598	0.091	ug/L #	1
13) Acetone	2.172	43	2932	3.337	ug/L	94
27) 1,2-Dichloroethane	5.053	62	1189	0.133	ug/L #	72
35) Methylcyclohexane	6.072	83	15439	1.240	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	6673	0.765	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1480	0.136	ug/L #	63
42) Toluene	7.397	91	4610	0.131	ug/L	98
48) 2-Hexanone	8.149	43	7870	2.581	ug/L #	94
61) 1,2,3-Trichloropropane	11.249	75	5837	1.532	ug/L #	65

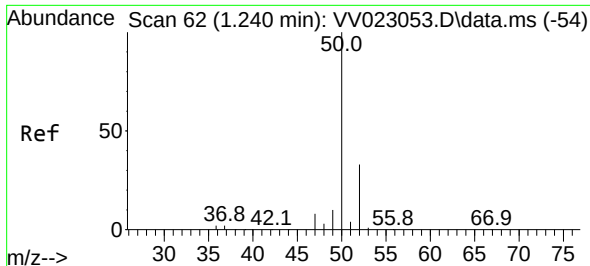
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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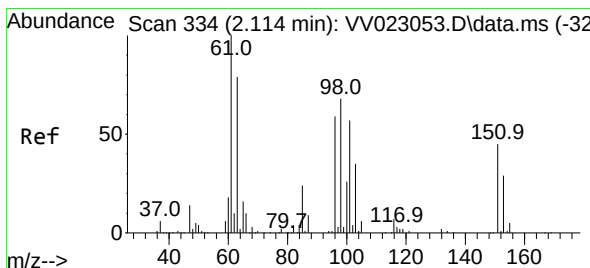
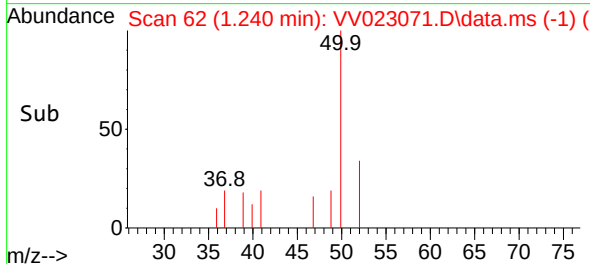
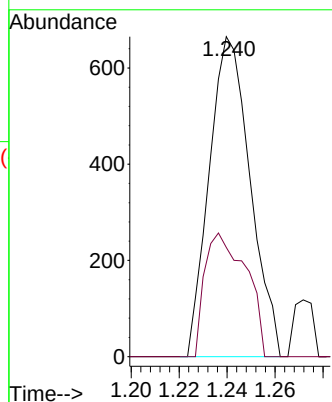
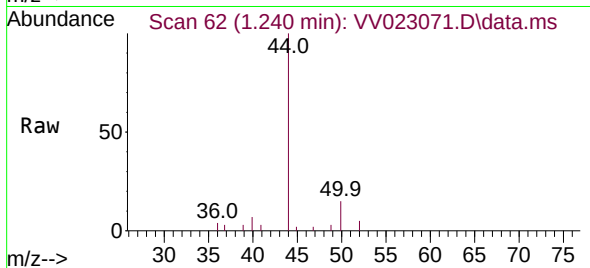




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV023071.D
Acq: 27 Oct 2021 20:22

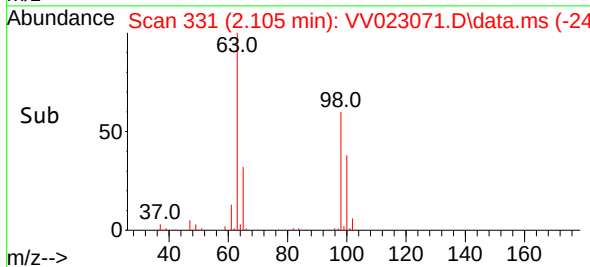
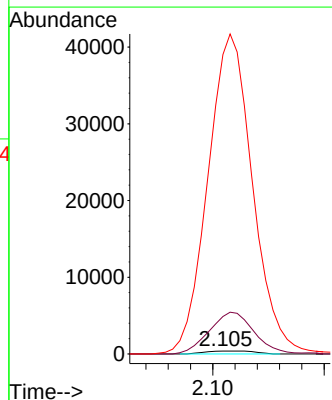
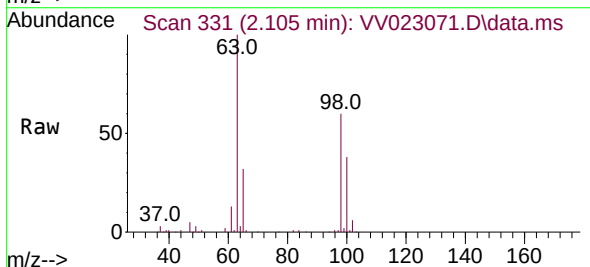
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

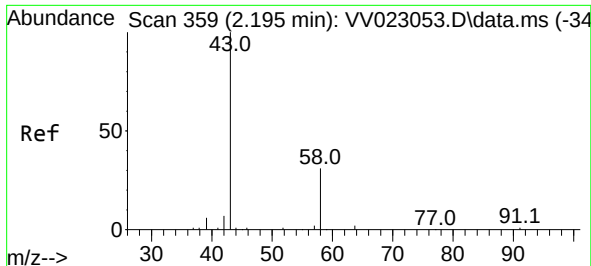
Tgt Ion: 50 Resp: 789
Ion Ratio Lower Upper
50 100
52 34.1 24.3 45.1



#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV023071.D
Acq: 27 Oct 2021 20:22

Tgt Ion: 96 Resp: 598
Ion Ratio Lower Upper
96 100
61 1276.2 121.5 225.7#
63 10186.9 99.6 185.0#

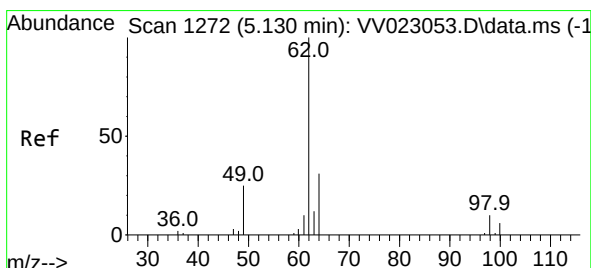
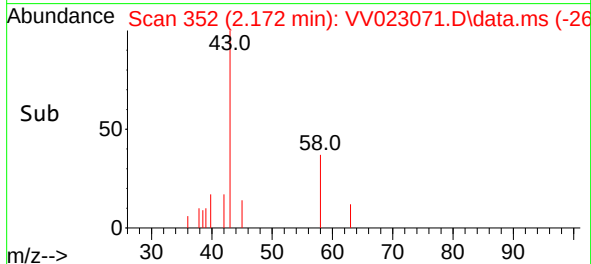
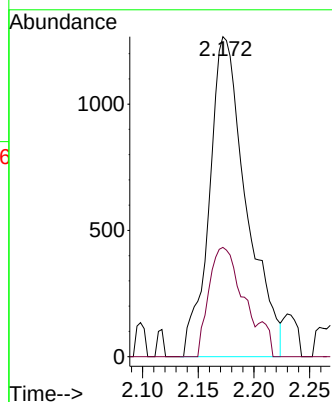
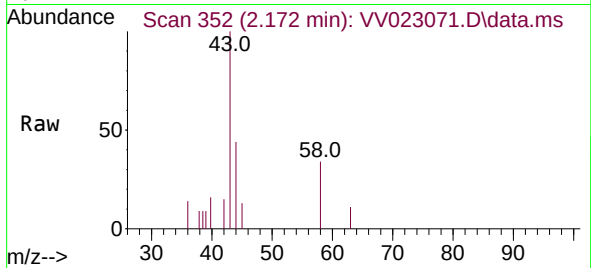




#13
Acetone
Concen: 3.337 ug/L
RT: 2.172 min Scan# 31
Delta R.T. -0.023 min
Lab File: VV023071.D
Acq: 27 Oct 2021 20:22

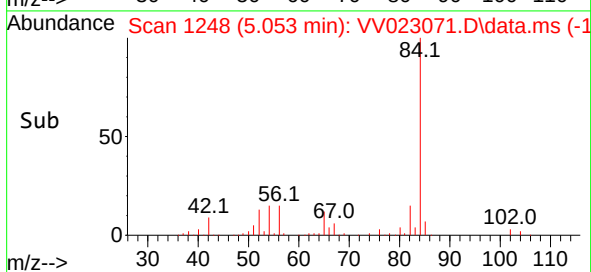
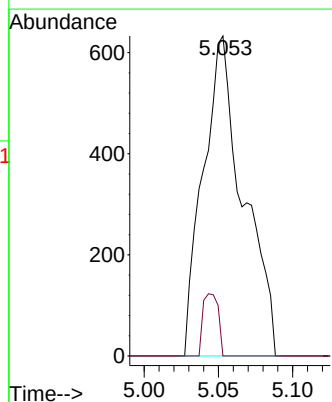
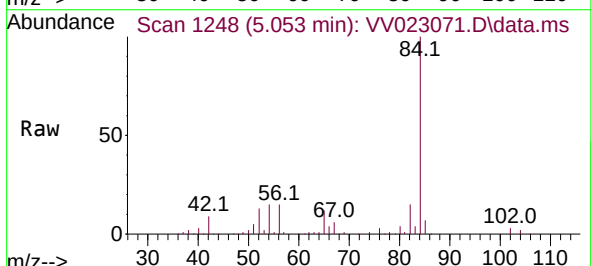
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

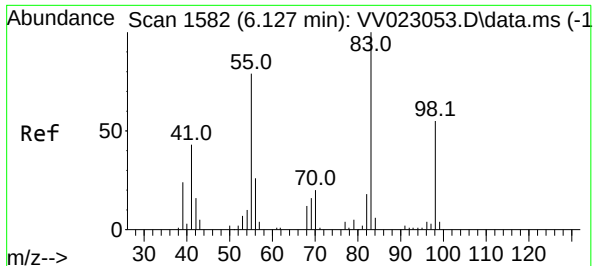
Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
58 30.9 0.0 55.4



#27
1,2-Dichloroethane
Concen: 0.133 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV023071.D
Acq: 27 Oct 2021 20:22

Tgt Ion: 62 Resp: 1189
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#





#35

Methylcyclohexane

Concen: 1.240 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023071.D

Acq: 27 Oct 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

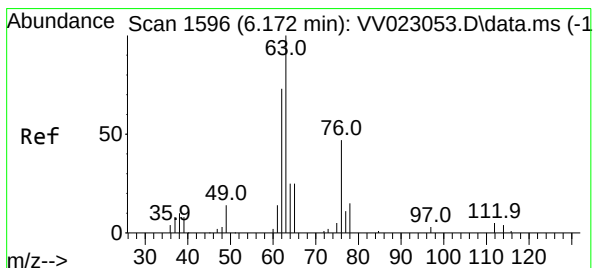
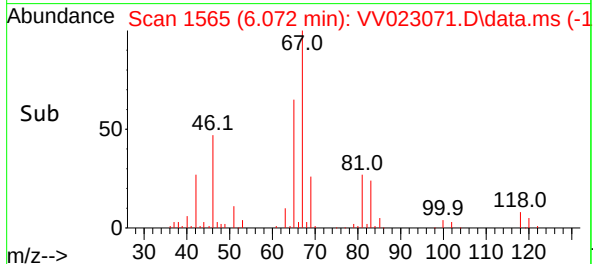
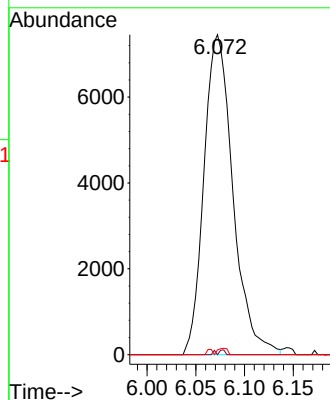
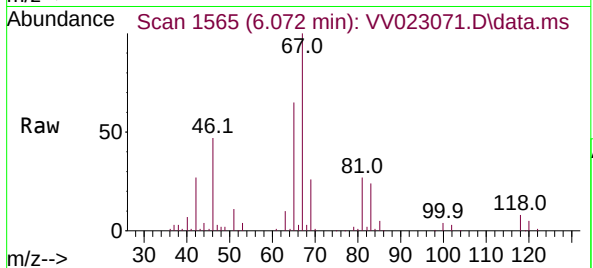
Tgt Ion: 83 Resp: 15439

Ion Ratio Lower Upper

83 100

55 0.4 62.8 94.2#

98 0.7 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.765 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV023071.D

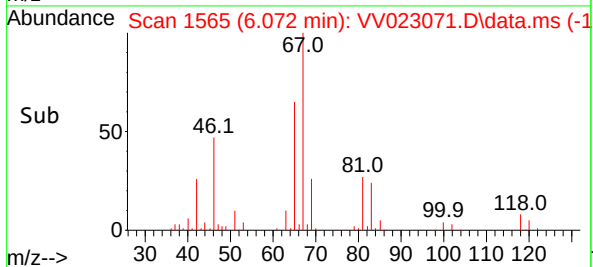
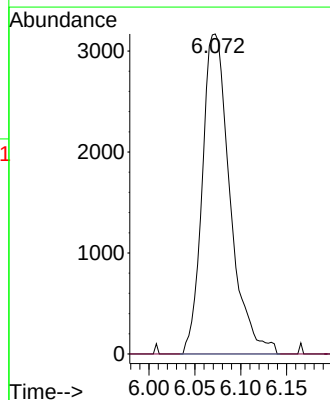
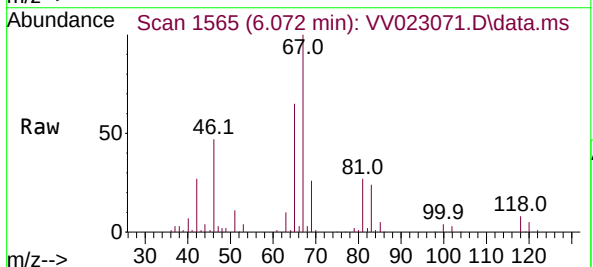
Acq: 27 Oct 2021 20:22

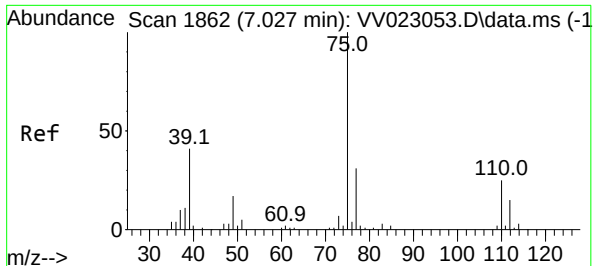
Tgt Ion: 63 Resp: 6673

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023071.D

Acq: 27 Oct 2021 20:22

Instrument :

MSVOA_V

ClientSampleId :

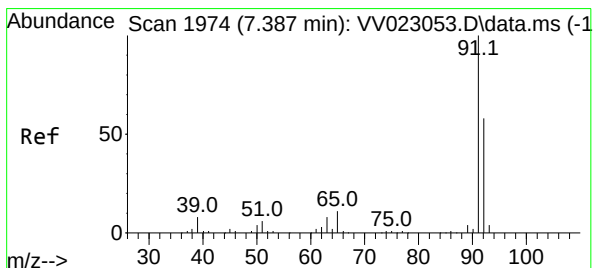
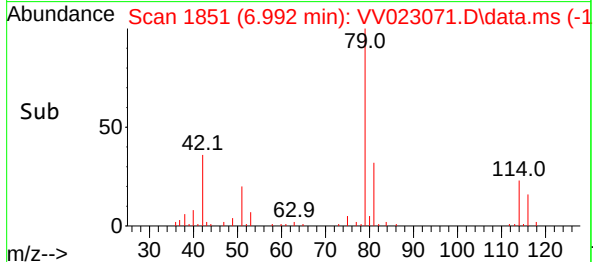
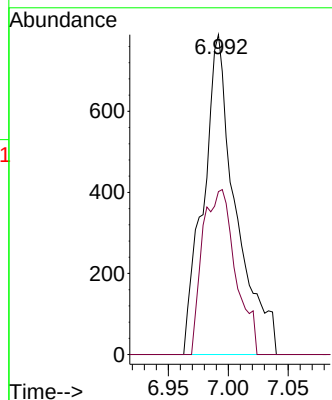
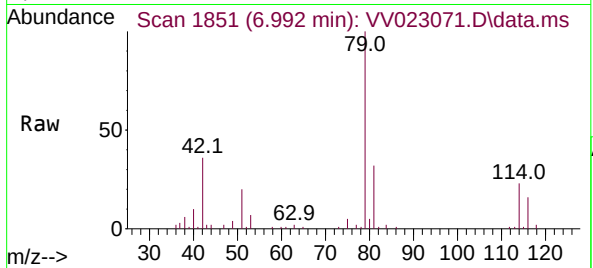
VHBLK001

Tgt Ion: 75 Resp: 1480

Ion Ratio Lower Upper

75 100

77 51.0 21.6 40.2#



#42

Toluene

Concen: 0.131 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV023071.D

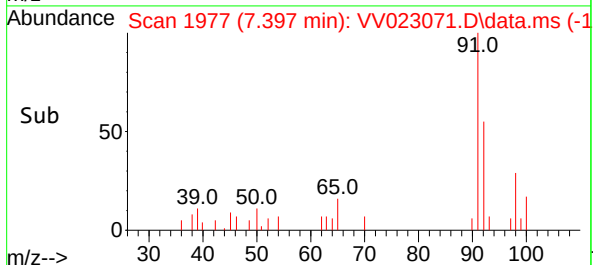
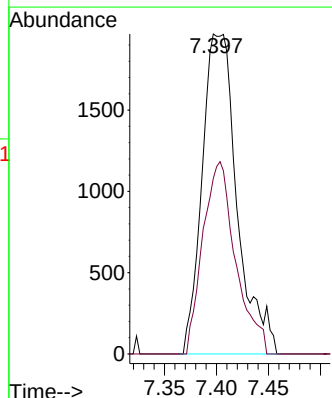
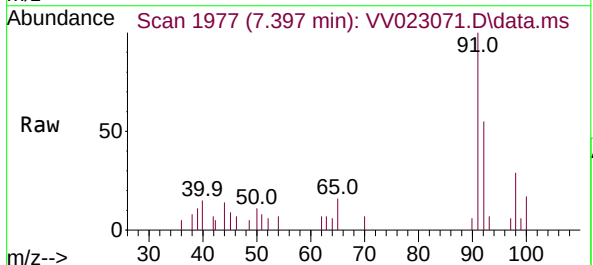
Acq: 27 Oct 2021 20:22

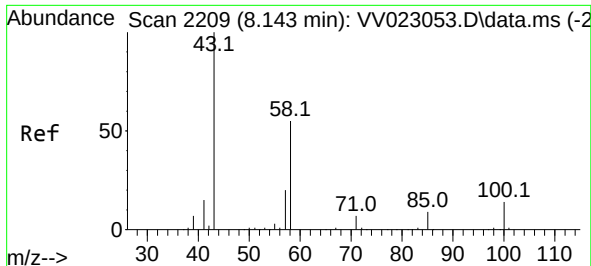
Tgt Ion: 91 Resp: 4610

Ion Ratio Lower Upper

91 100

92 54.9 39.3 72.9

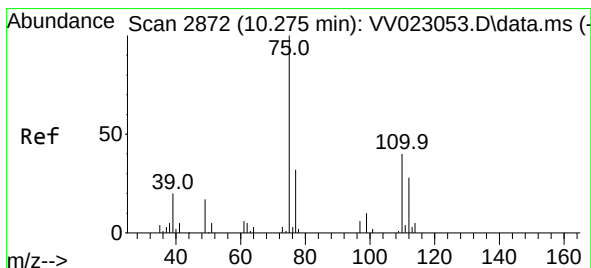
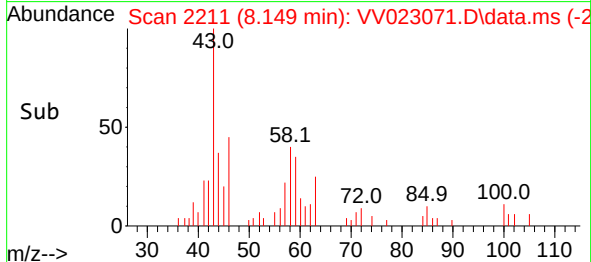
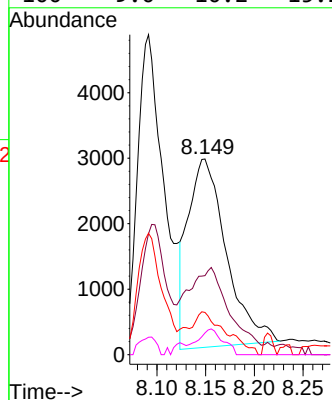
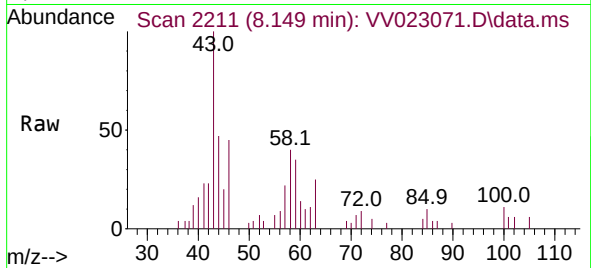




#48
2-Hexanone
Concen: 2.581 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.006 min
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Tgt Ion:	43	Resp:	7870
Ion	Ratio	Lower	Upper
43	100		
58	51.4	43.7	65.5
57	21.8	14.1	21.1#
100	9.0	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.532 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
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Acq: 27 Oct 2021 20:22

Tgt Ion:	75	Resp:	5837
Ion	Ratio	Lower	Upper
75	100		
77	37.0	26.6	39.8
110	3.5	31.8	47.6#

