

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024972.D
 Acq On : 11 Mar 2022 18:32
 Operator : SY/MD
 Sample : N1880-10
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC2

Quant Time: Mar 11 23:12:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

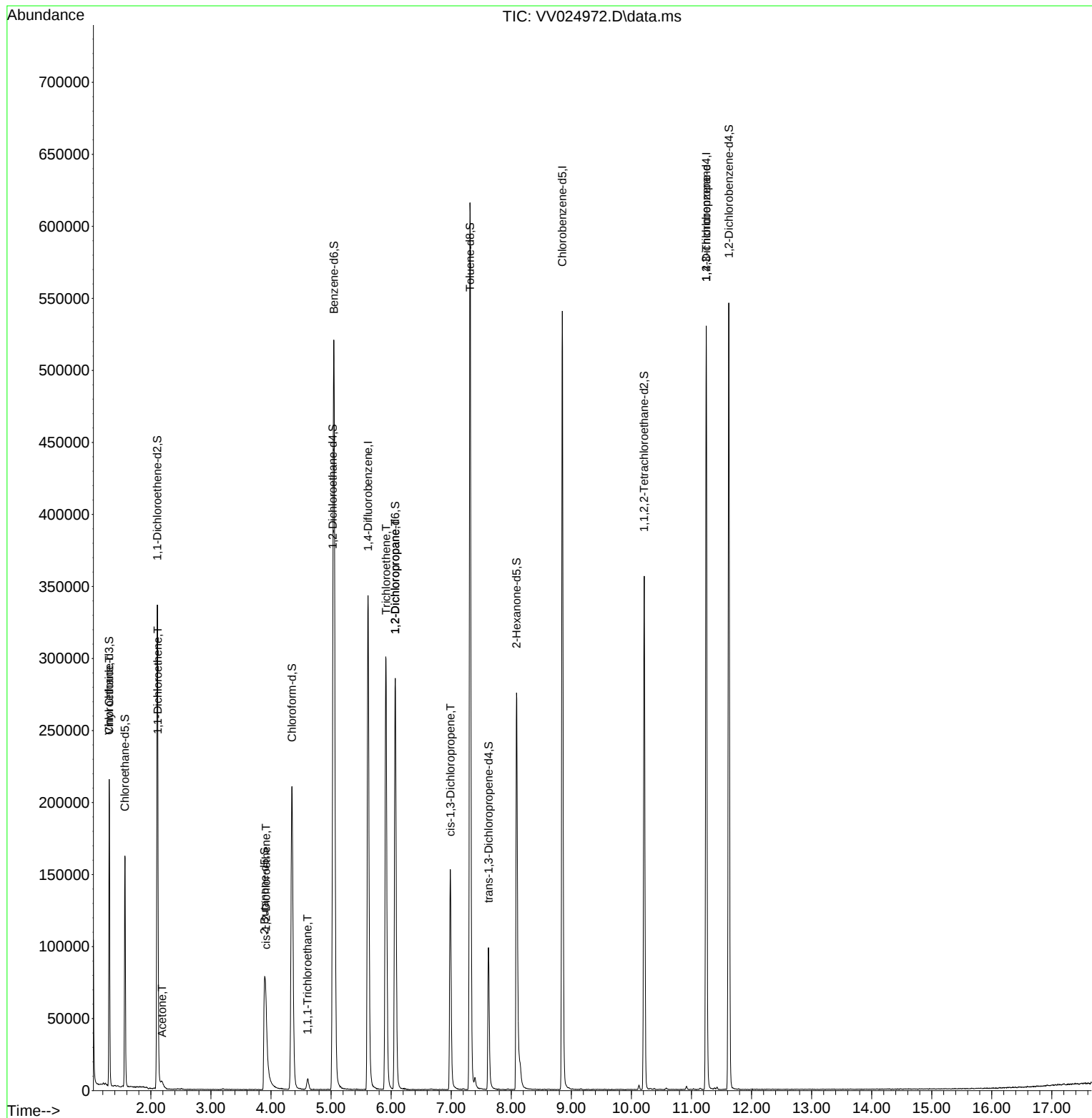
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	308590	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	299252	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	132343	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	134886	42.988	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.980%	
7) Chloroethane-d5	1.568	69	103068	41.867	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	83.740%	
11) 1,1-Dichloroethene-d2	2.108	63	170640	32.401	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.800%	
21) 2-Butanone-d5	3.892	46	149667	83.814	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	83.810%	
24) Chloroform-d	4.349	84	225101	41.096	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.031	65	138161	42.750	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.500%	
32) Benzene-d6	5.050	84	477479	43.047	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.100%	
36) 1,2-Dichloropropane-d6	6.069	67	148622	43.007	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.020%	
41) Toluene-d8	7.313	98	415171	42.250	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.500%	
43) trans-1,3-Dichloroprop...	7.622	79	61167	40.734	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.460%	
47) 2-Hexanone-d5	8.088	63	102358	78.033	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	78.030%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	176763	43.124	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.240%	
66) 1,2-Dichlorobenzene-d4	11.622	152	137343	45.052	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.100%	
Target Compounds						
8) Chloroethane	1.307	64	1609	0.888	ug/L #	1
12) 1,1-Dichloroethene	2.118	96	8069	3.533	ug/L #	1
13) Acetone	2.188	43	7164	5.254	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	10524	3.936	ug/L	88
30) 1,1,1-Trichloroethane	4.609	97	6378	1.619	ug/L	99
34) Trichloroethene	5.915	95	107415	38.798	ug/L	98
37) 1,2-Dichloropropane	6.069	63	15212	6.003	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	3905	1.024	ug/L #	77
61) 1,2,3-Trichloropropane	11.246	75	16996	6.418	ug/L #	67

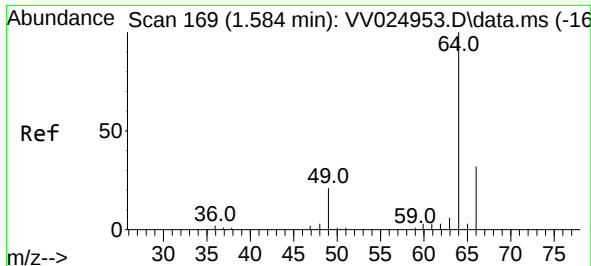
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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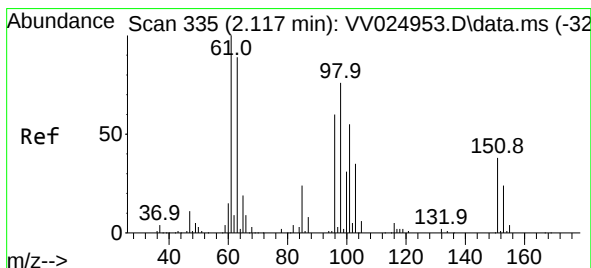
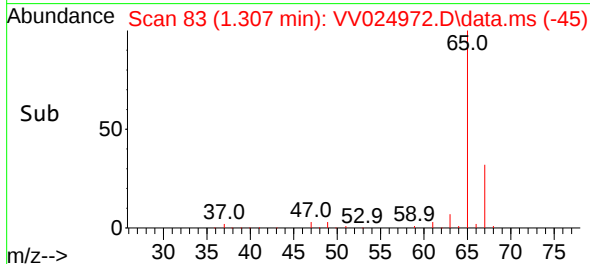
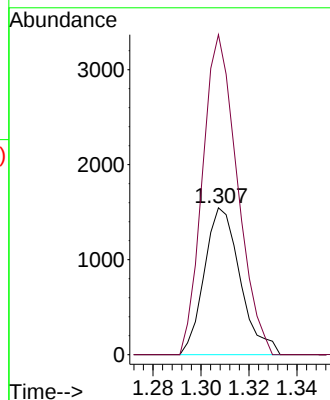
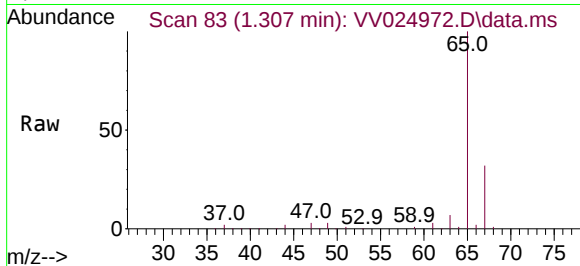




#8
Chloroethane
Concen: 0.888 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.276 min
Lab File: VV024972.D
Acq: 11 Mar 2022 18:32

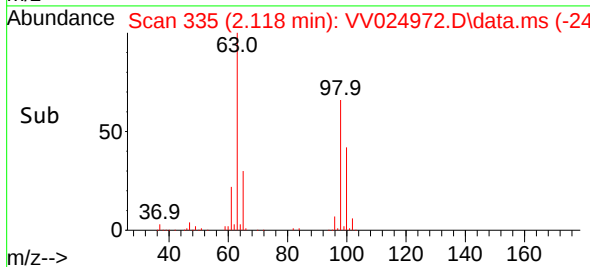
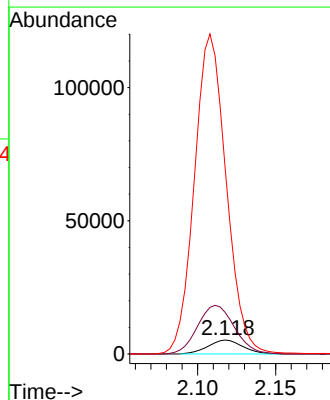
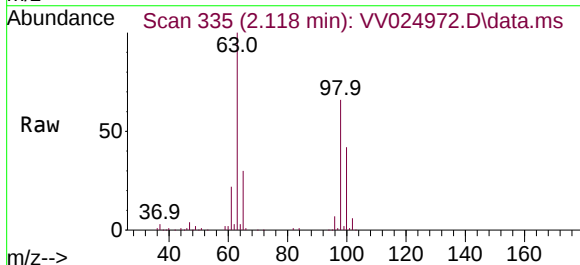
Instrument :
MSVOA_V
ClientSampleId :
C0DC2

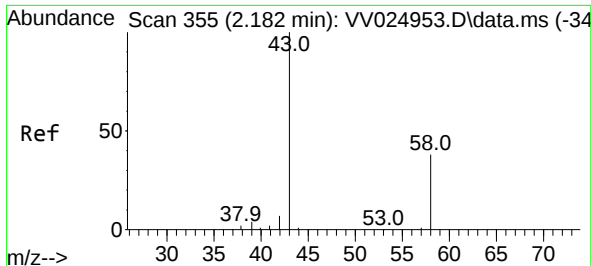
Tgt Ion: 64 Resp: 1609
Ion Ratio Lower Upper
64 100
66 217.9 22.2 41.2#



#12
1,1-Dichloroethene
Concen: 3.533 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV024972.D
Acq: 11 Mar 2022 18:32

Tgt Ion: 96 Resp: 8069
Ion Ratio Lower Upper
96 100
61 300.5 117.6 218.4#
63 1348.6 105.3 195.5#





#13

Acetone

Concen: 5.254 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV024972.D

Acq: 11 Mar 2022 18:32

Instrument :

MSVOA_V

ClientSampleId :

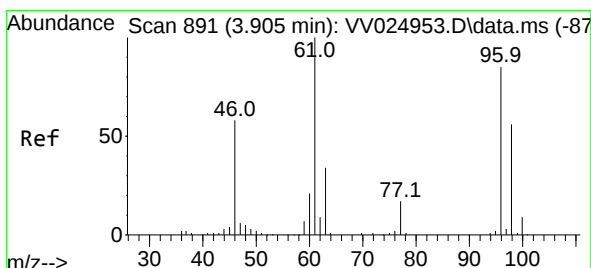
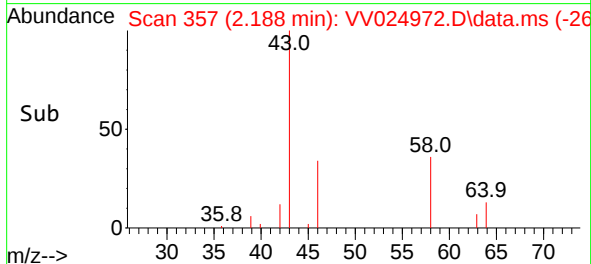
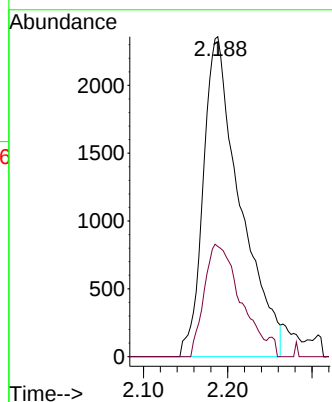
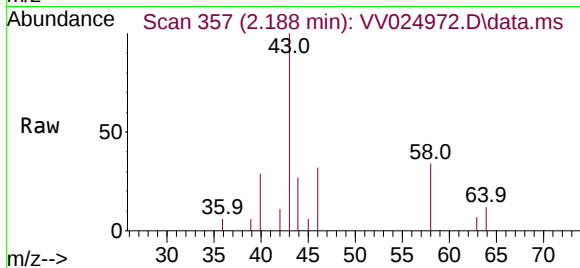
C0DC2

Tgt Ion: 43 Resp: 7164

Ion Ratio Lower Upper

43 100

58 34.2 0.0 70.0



#20

cis-1,2-Dichloroethene

Concen: 3.936 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV024972.D

Acq: 11 Mar 2022 18:32

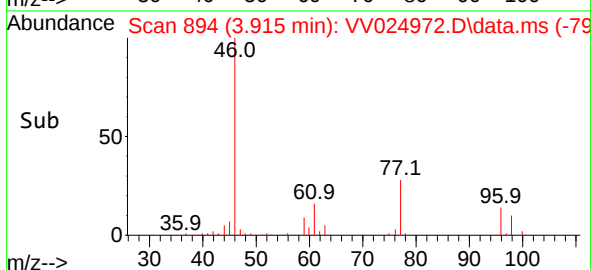
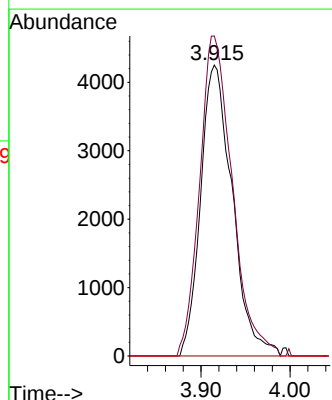
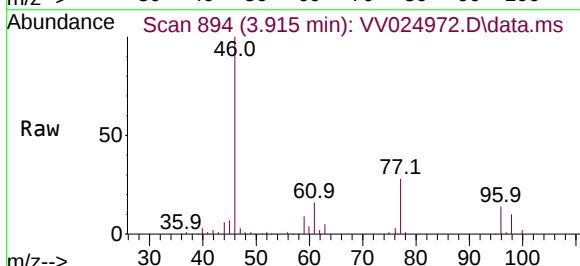
Tgt Ion: 96 Resp: 10524

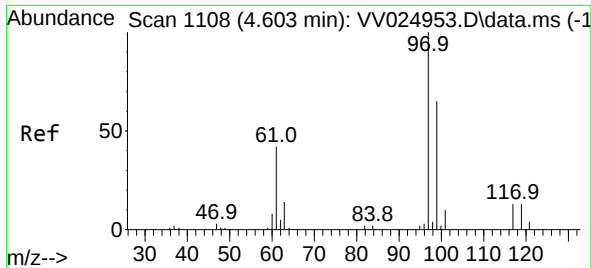
Ion Ratio Lower Upper

96 100

61 110.0 86.1 159.9

68 0.0 0.0 0.0

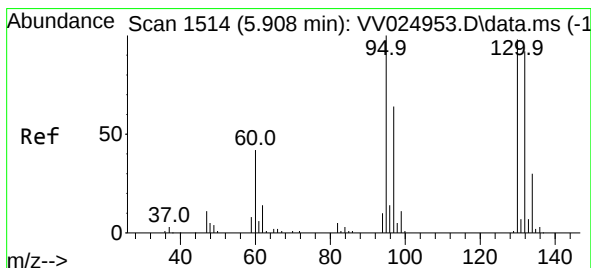
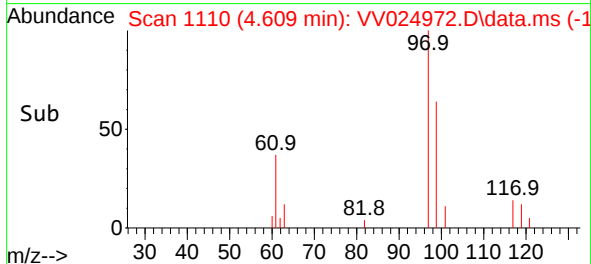
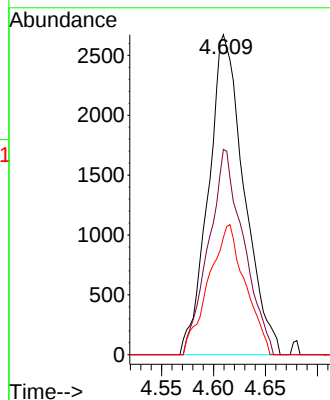
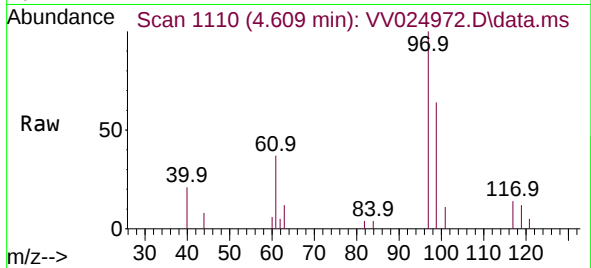




#30
1,1,1-Trichloroethane
Concen: 1.619 ug/L
RT: 4.609 min Scan# 1108
Delta R.T. 0.007 min
Lab File: VV024972.D
Acq: 11 Mar 2022 18:32

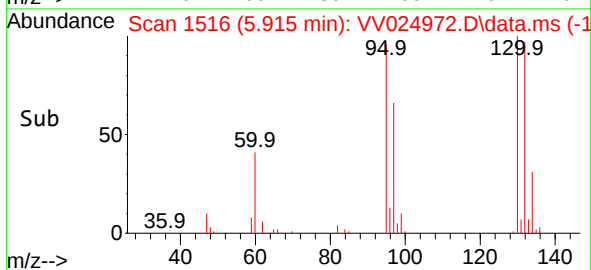
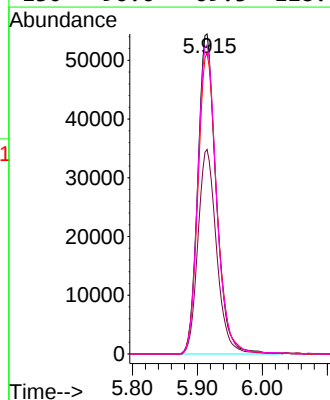
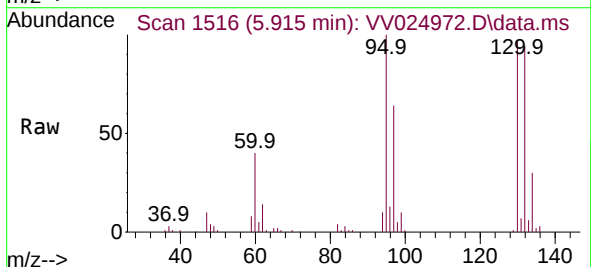
Instrument :
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C0DC2

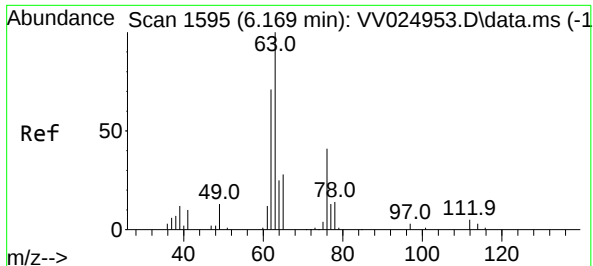
Tgt Ion:	97	Resp:	6378
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.5	77.3
61	41.8	33.8	50.8



#34
Trichloroethene
Concen: 38.798 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV024972.D
Acq: 11 Mar 2022 18:32

Tgt Ion:	95	Resp:	107415
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.3	84.1
132	93.9	65.0	120.6
130	96.6	69.3	128.7





#37

1,2-Dichloropropane

Concen: 6.003 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024972.D

Acq: 11 Mar 2022 18:32

Instrument :

MSVOA_V

ClientSampleId :

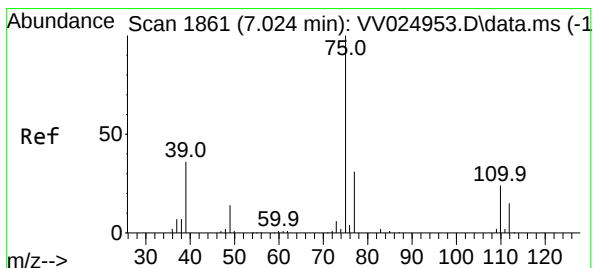
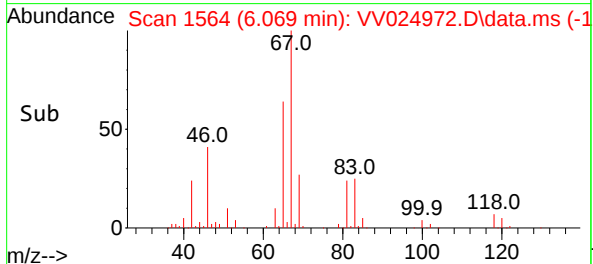
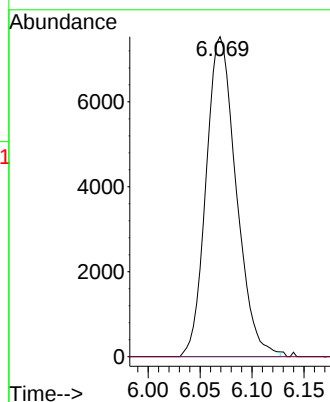
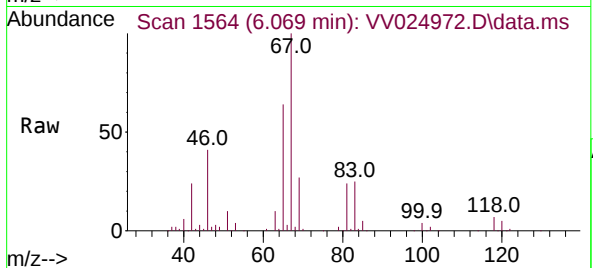
C0DC2

Tgt Ion: 63 Resp: 15212

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#39

cis-1,3-Dichloropropene

Concen: 1.024 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024972.D

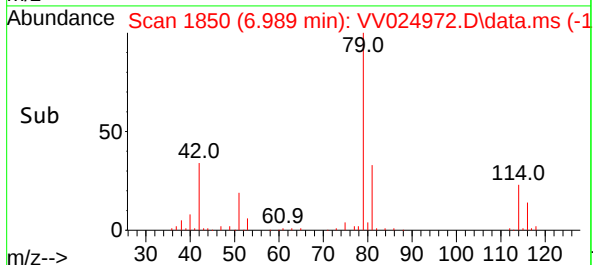
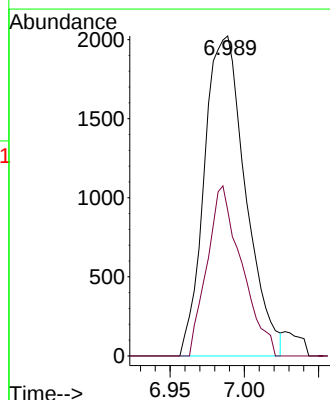
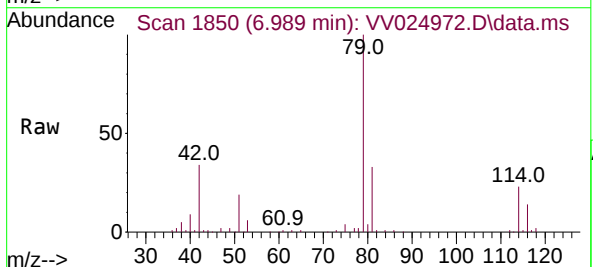
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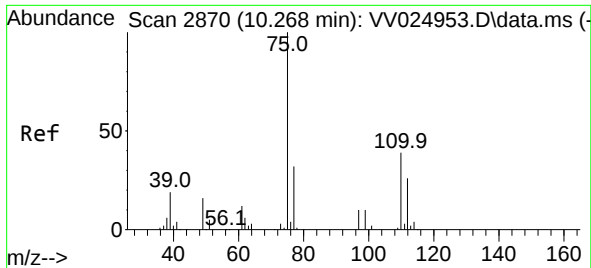
Tgt Ion: 75 Resp: 3905

Ion Ratio Lower Upper

75 100

77 45.5 22.9 42.5#





#61
 1,2,3-Trichloropropane
 Concen: 6.418 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV024972.D
 Acq: 11 Mar 2022 18:32

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Tgt Ion: 75	Resp:	16996
Ion Ratio	Lower	Upper
75	100	
77	32.1	25.4 38.0
110	2.7	31.4 47.2#

