

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025538.D
 Acq On : 14 Apr 2022 12:09
 Operator : SY/MD
 Sample : N2356-04DL 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS2DL

Quant Time: Apr 15 07:21:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

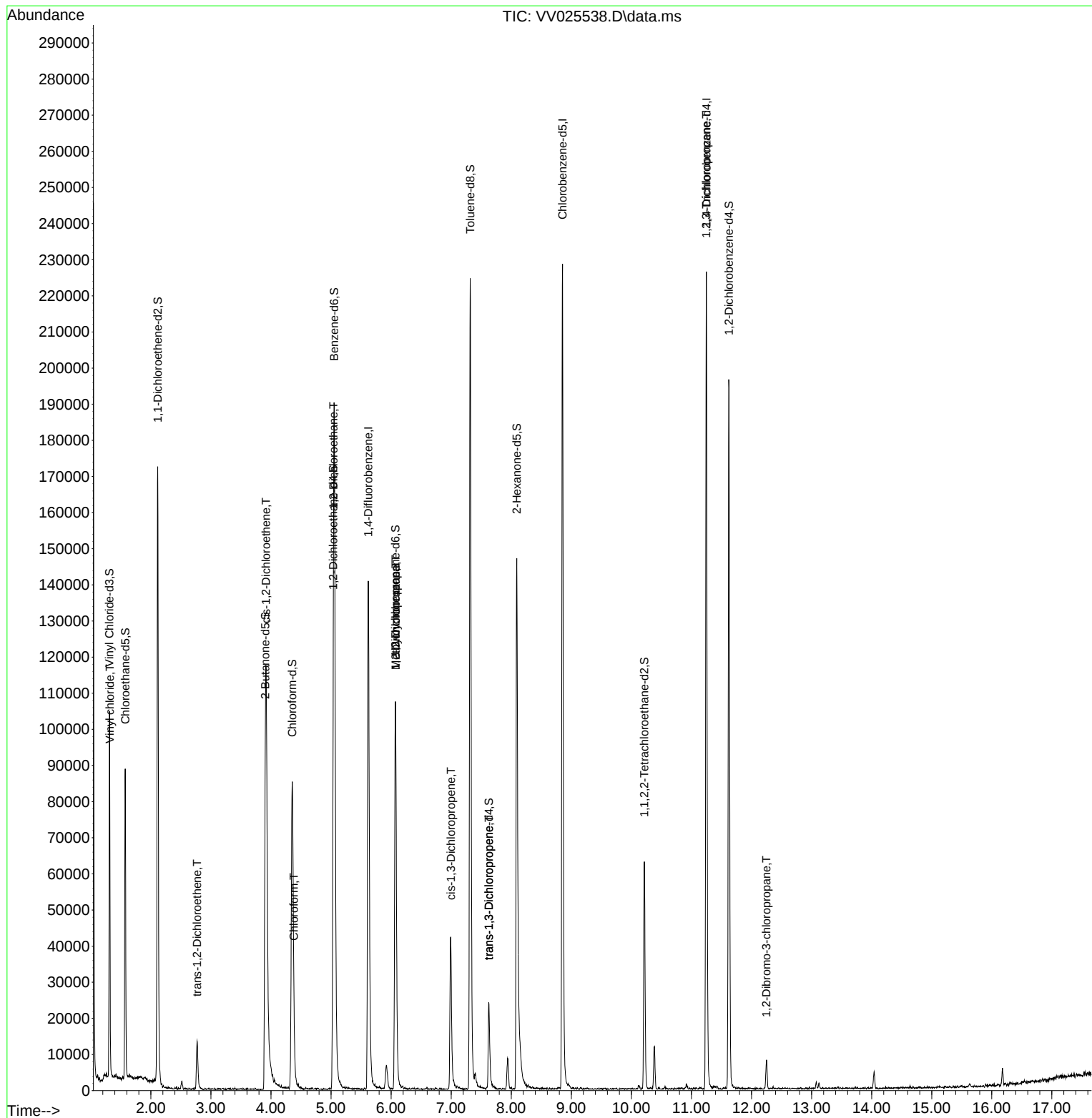
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125820	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59791	5.111	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.574	69	54469	4.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 87.600%		
11) 1,1-Dichloroethene-d2	2.114	63	91373	3.899	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 78.000%		
20) 2-Butanone-d5	3.905	46	73211	51.452	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 102.900%		
24) Chloroform-d	4.355	84	91894	5.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
26) 1,2-Dichloroethane-d4	5.037	65	41968	5.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.200%		
32) Benzene-d6	5.053	84	178270	4.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.400%		
36) 1,2-Dichloropropane-d6	6.072	67	52073	5.153	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.000%		
41) Toluene-d8	7.317	98	149442	4.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.800%		
43) trans-1,3-Dichloroprop...	7.628	79	14597	4.298	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 86.000%		
46) 2-Hexanone-d5	8.091	63	51811	43.463	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.920%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30483	4.775	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	48412	5.004	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.000%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.317	62	5143	0.369	ug/L #	82
18) trans-1,2-Dichloroethene	2.770	96	5080	0.556	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	50895	5.287	ug/L	96
25) Chloroform	4.381	83	1726	0.106	ug/L	96
27) 1,2-Dichloroethane	5.040	62	679	0.079	ug/L #	71
35) Methylcyclohexane	6.075	83	12764	0.814	ug/L #	22
37) 1,2-Dichloropropane	6.075	63	6240	0.729	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1311	0.117	ug/L #	60
44) trans-1,3-Dichloropropene	7.628	75	716	0.082	ug/L #	1
61) 1,2,3-Trichloropropane	11.246	75	7027	1.849	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.246	75	259	0.394	ug/L #	2

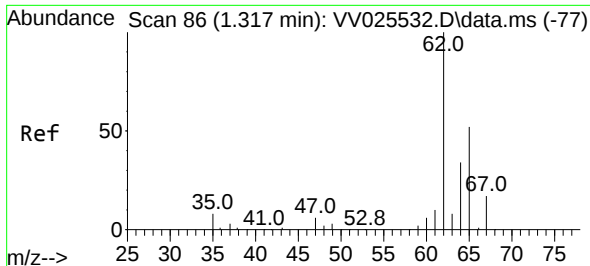
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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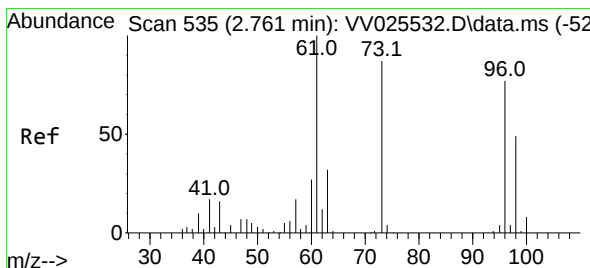
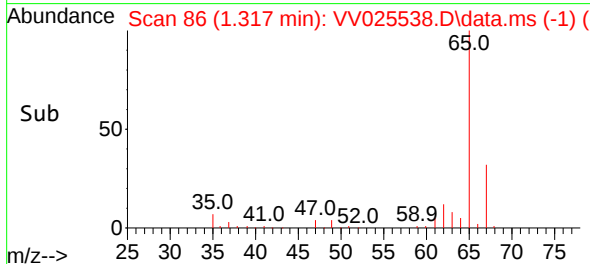
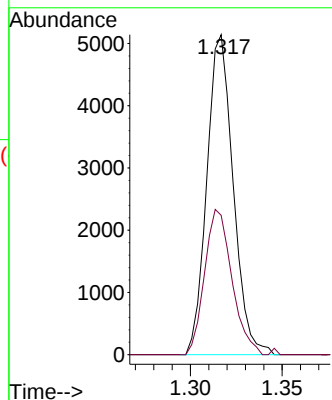
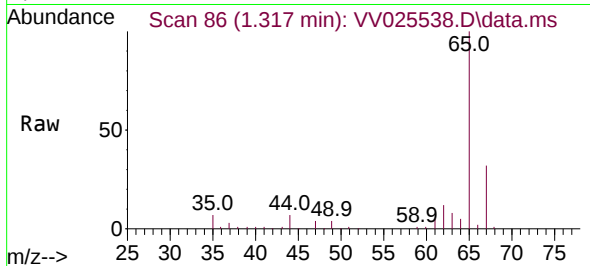




#5
 Vinyl chloride
 Concen: 0.369 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VV025538.D
 Acq: 14 Apr 2022 12:09

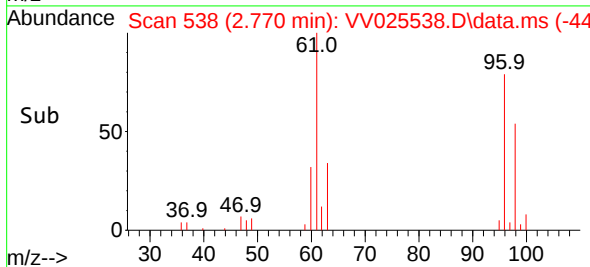
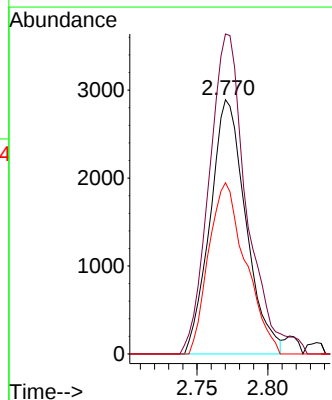
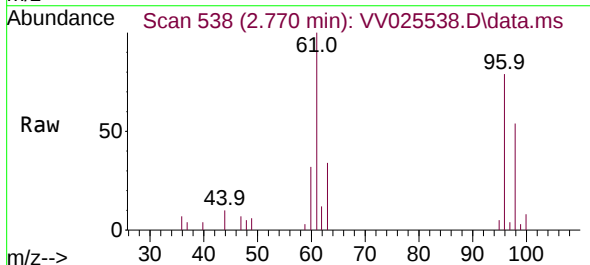
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS2DL

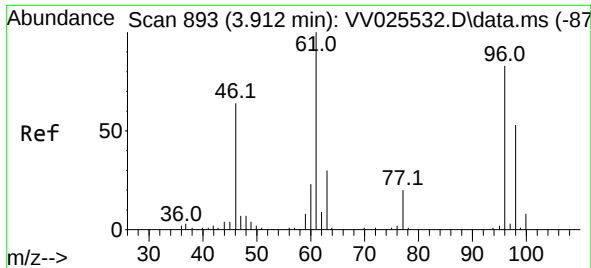
Tgt Ion: 62 Resp: 5143
 Ion Ratio Lower Upper
 62 100
 64 43.5 23.2 43.2#



#18
 trans-1,2-Dichloroethene
 Concen: 0.556 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.009 min
 Lab File: VV025538.D
 Acq: 14 Apr 2022 12:09

Tgt Ion: 96 Resp: 5080
 Ion Ratio Lower Upper
 96 100
 61 125.9 92.1 171.1
 98 67.3 47.5 88.1

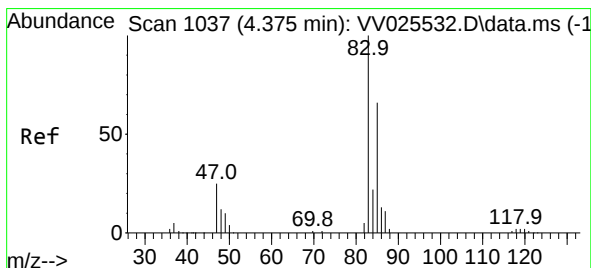
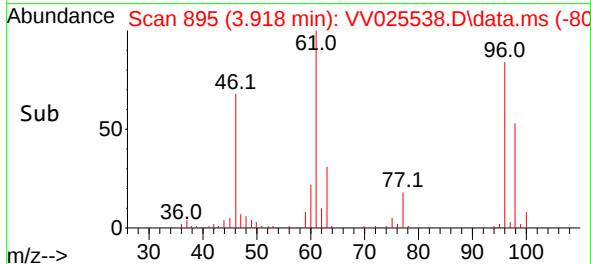
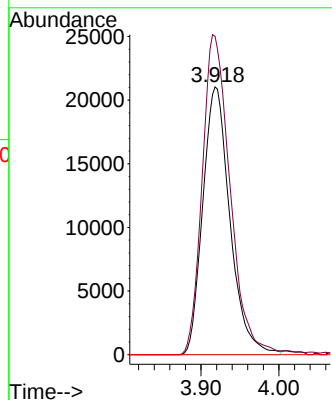
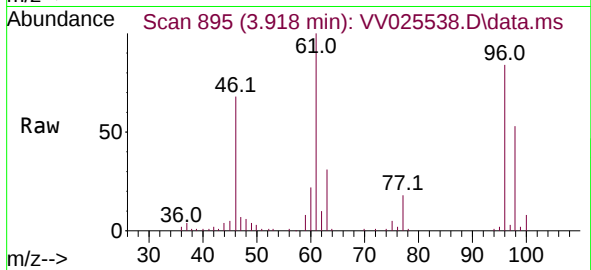




#22
cis-1,2-Dichloroethene
Concen: 5.287 ug/L
RT: 3.918 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV025538.D
Acq: 14 Apr 2022 12:09

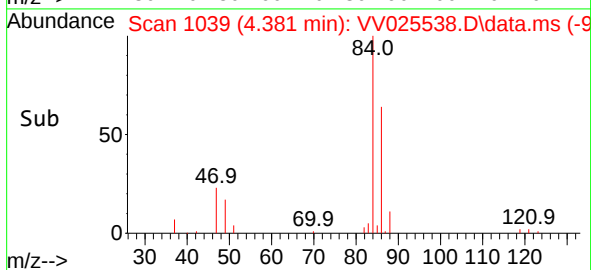
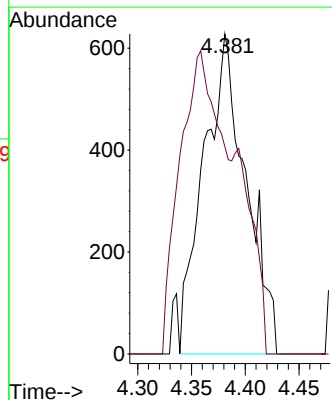
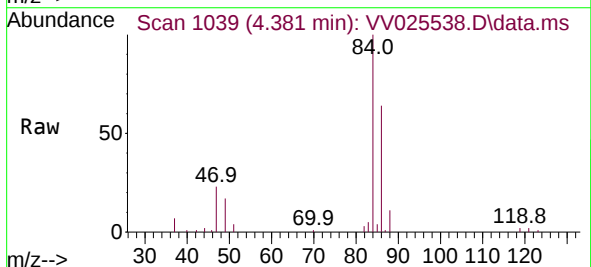
Instrument :
MSVOA_V
ClientSampleId :
GBDS2DL

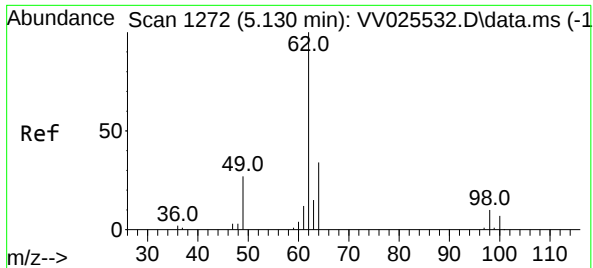
Tgt Ion: 96 Resp: 50895
Ion Ratio Lower Upper
96 100
61 118.9 80.0 148.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.106 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV025538.D
Acq: 14 Apr 2022 12:09

Tgt Ion: 83 Resp: 1726
Ion Ratio Lower Upper
83 100
85 64.8 43.5 80.7

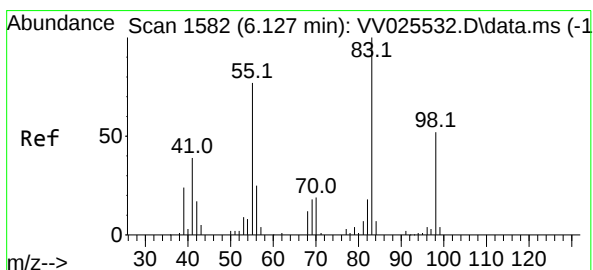
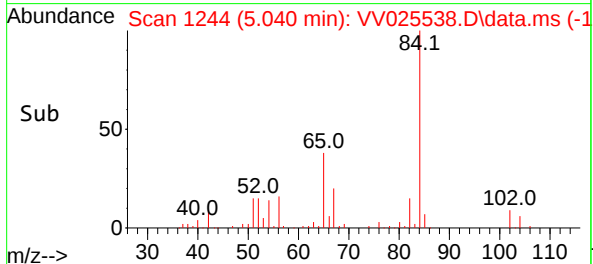
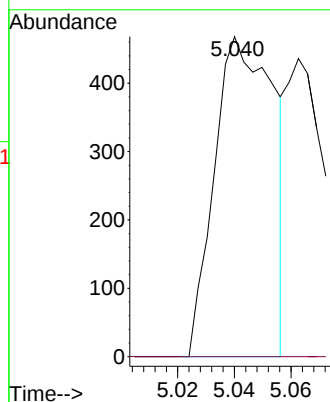
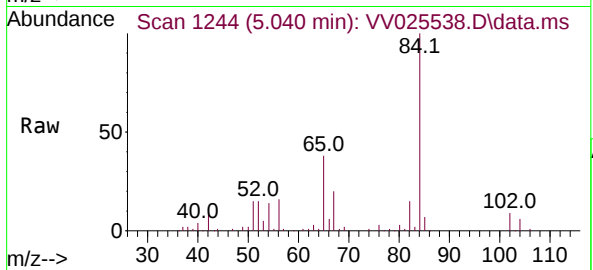




#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.090 min
Lab File: VV025538.D
Acq: 14 Apr 2022 12:09

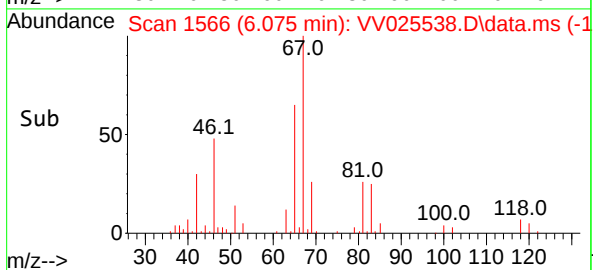
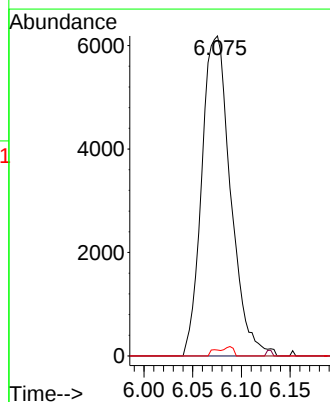
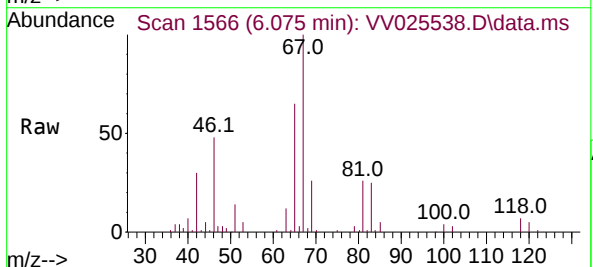
Instrument :
MSVOA_V
ClientSampleId :
GBDS2DL

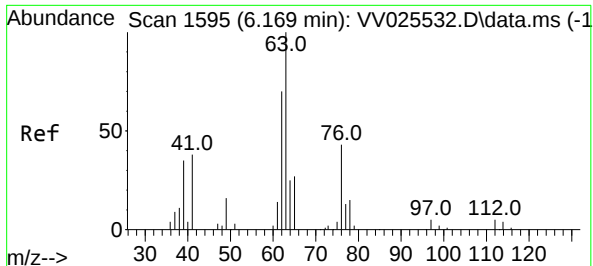
Tgt Ion: 62 Resp: 679
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#



#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.052 min
Lab File: VV025538.D
Acq: 14 Apr 2022 12:09

Tgt Ion: 83 Resp: 12764
Ion Ratio Lower Upper
83 100
55 0.0 53.7 80.5#
98 0.7 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.729 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV025538.D

Acq: 14 Apr 2022 12:09

Instrument :

MSVOA_V

ClientSampleId :

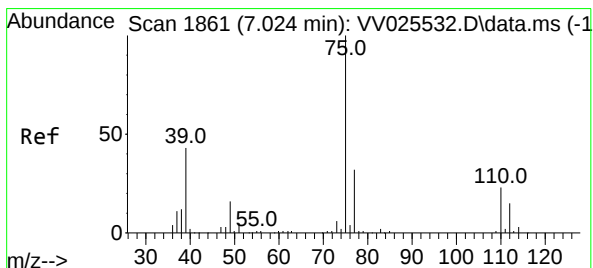
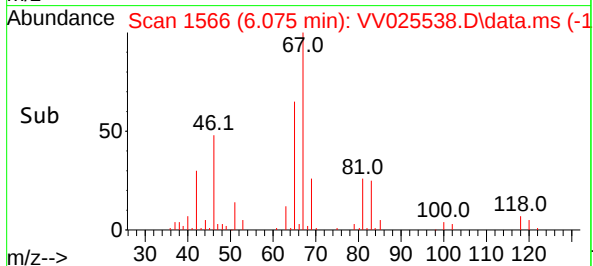
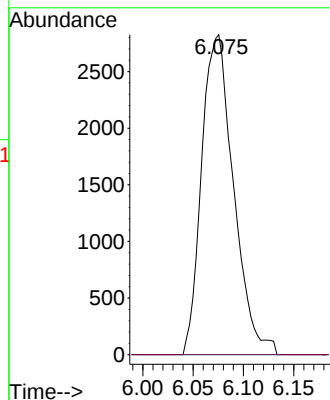
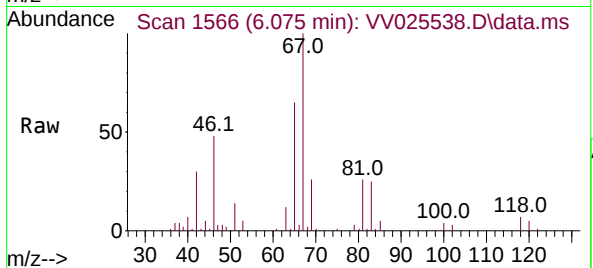
GBDS2DL

Tgt Ion: 63 Resp: 6240

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV025538.D

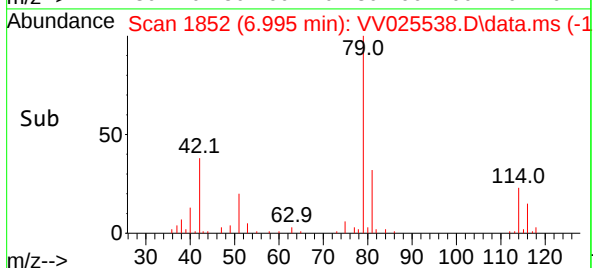
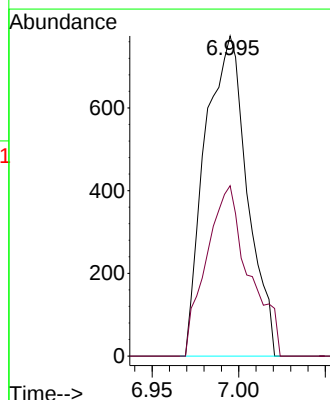
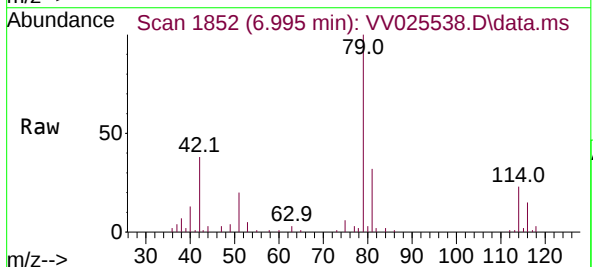
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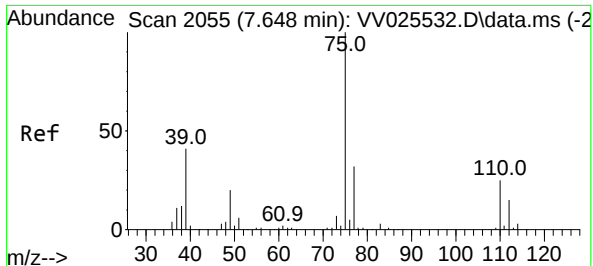
Tgt Ion: 75 Resp: 1311

Ion Ratio Lower Upper

75 100

77 53.2 21.8 40.6#

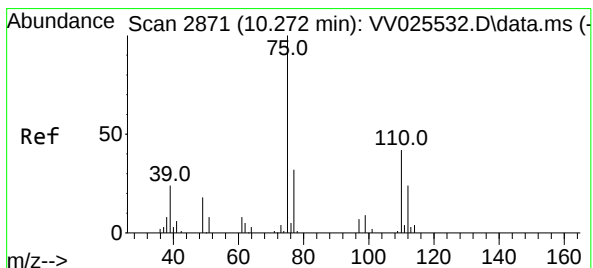
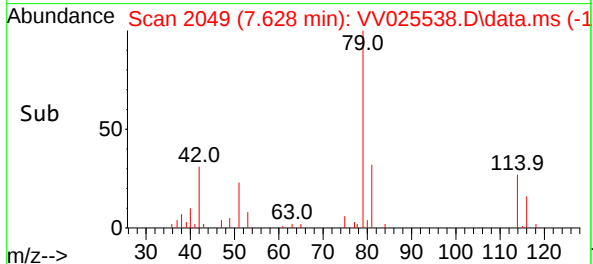
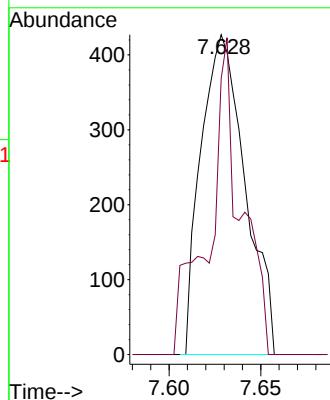
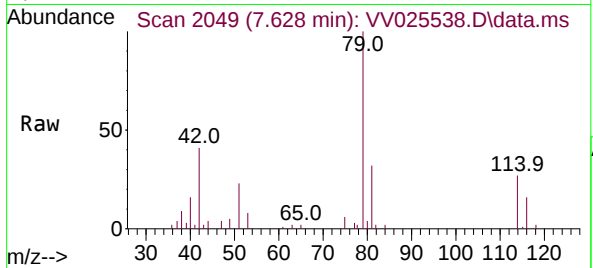




#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.019 min
Lab File: VV025538.D
Acq: 14 Apr 2022 12:09

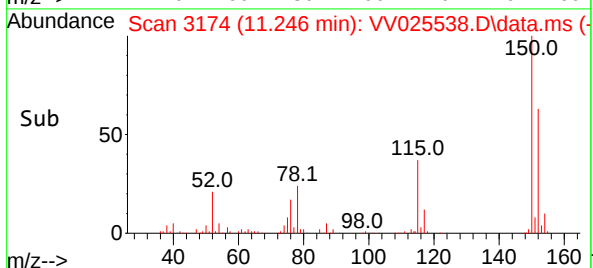
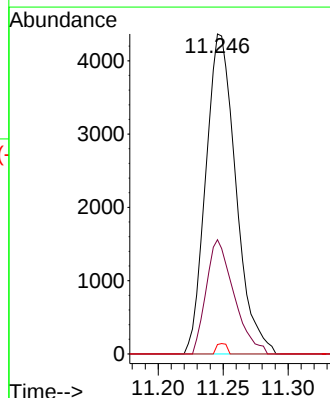
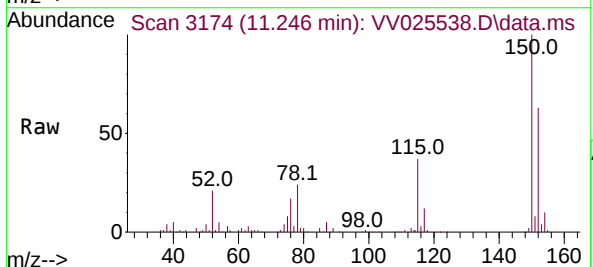
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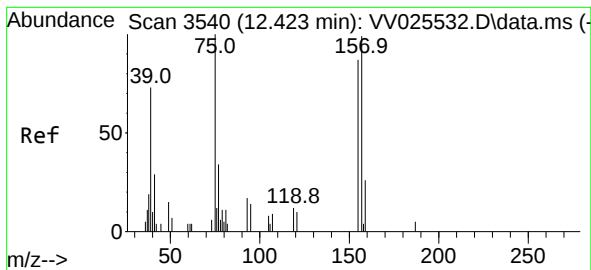
Tgt Ion: 75 Resp: 716
Ion Ratio Lower Upper
75 100
77 86.2 21.7 40.3#



#61
1,2,3-Trichloropropane
Concen: 1.849 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025538.D
Acq: 14 Apr 2022 12:09

Tgt Ion: 75 Resp: 7027
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4
110 1.1 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.394 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.177 min
 Lab File: VV025538.D
 Acq: 14 Apr 2022 12:09

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDS2DL

Tgt Ion: 75 Resp: 259
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

