

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050222\
 Data File : VW025768.D
 Acq On : 02 May 2022 16:08
 Operator : SY/MD
 Sample : N2612-14DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 03 05:25:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 05:22:31 2022
 Response via : Initial Calibration

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

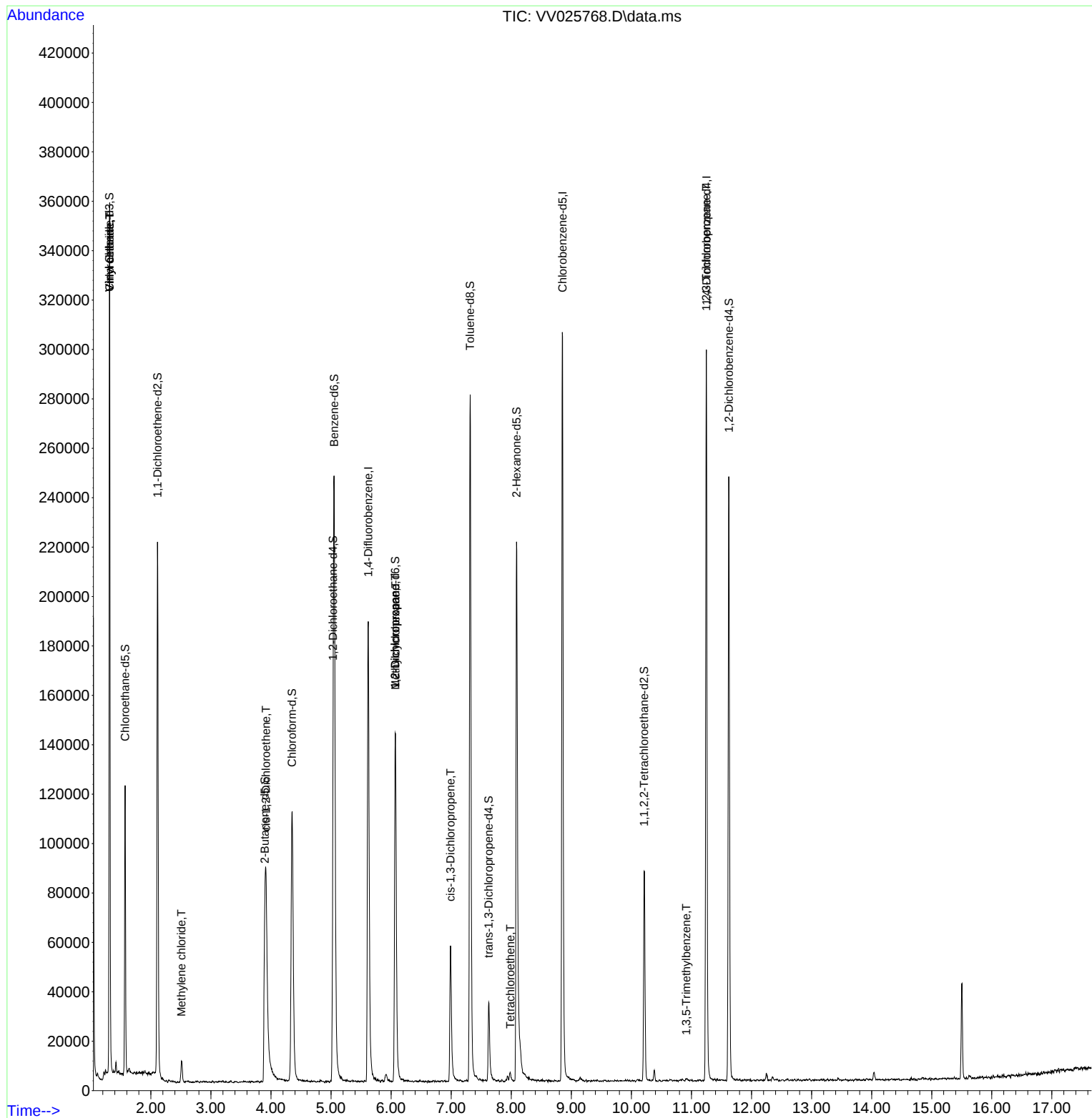
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	163316	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	166857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	82798	5.453	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.000%		
7) Chloroethane-d5	1.571	69	71785	4.444	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 88.800%		
11) 1,1-Dichloroethene-d2	2.111	63	114079	3.751	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.000%		
20) 2-Butanone-d5	3.896	46	96443	52.218	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.440%		
24) Chloroform-d	4.352	84	114156	4.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.600%		
26) 1,2-Dichloroethane-d4	5.034	65	54318	5.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.800%		
32) Benzene-d6	5.053	84	230035	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.200%		
36) 1,2-Dichloropropane-d6	6.069	67	68710	5.103	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.000%		
41) Toluene-d8	7.317	98	186875	4.171	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.400%		
43) trans-1,3-Dichloroprop...	7.625	79	19330	4.271	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 85.400%		
46) 2-Hexanone-d5	8.088	63	72220	45.470	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 90.940%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41734	4.906	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 98.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	60554	4.696	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.000%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.314	62	150384	8.302	ug/L	97
8) Chloroethane	1.314	64	47890	3.425	ug/L #	49
16) Methylene chloride	2.510	84	3412	0.248	ug/L	87
22) cis-1,2-Dichloroethene	3.918	96	24031	1.923	ug/L	91
35) Methylcyclohexane	6.072	83	16225	0.777	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7666	0.672	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1590	0.106	ug/L #	66
47) Tetrachloroethene	7.985	164	862	0.084	ug/L	83
61) 1,2,3-Trichloropropane	11.246	75	9404	1.857	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.915	105	790	0.037	ug/L	92

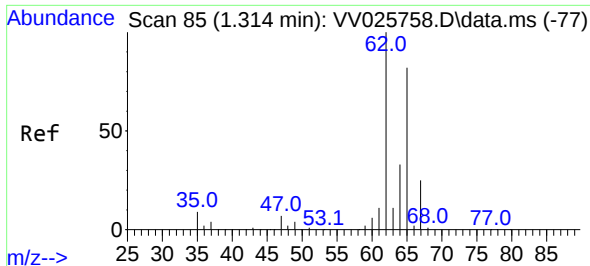
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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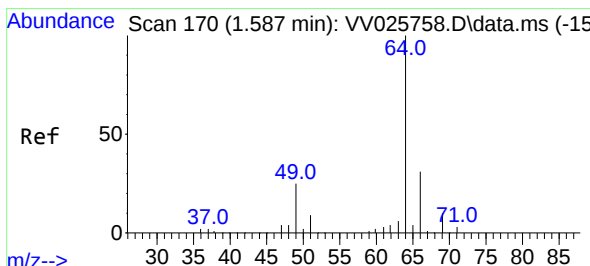
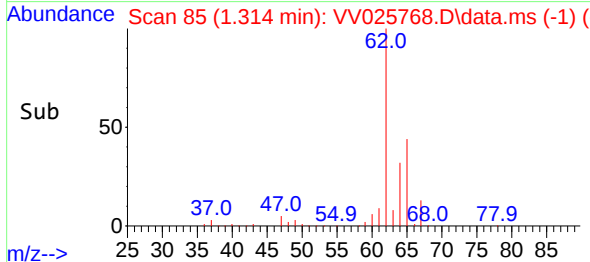
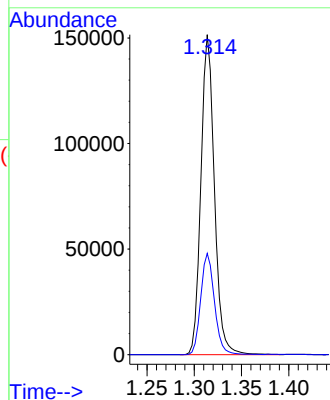
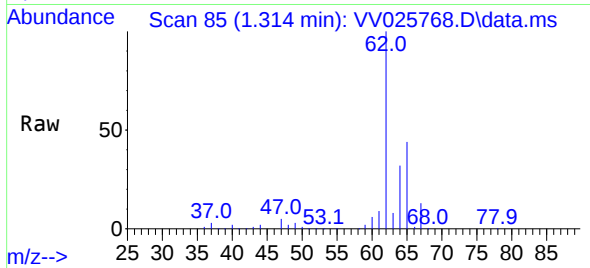




#5
 Vinyl chloride
 Concen: 8.302 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025768.D
 Acq: 02 May 2022 16:08

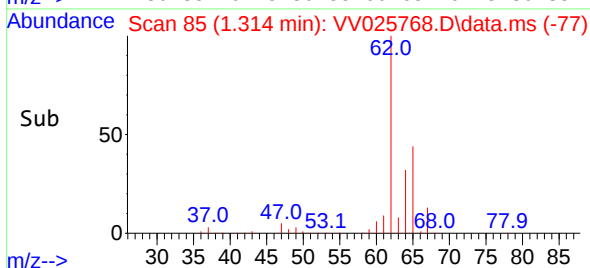
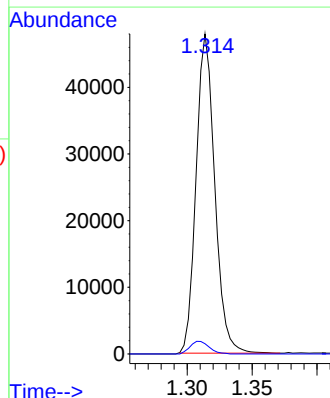
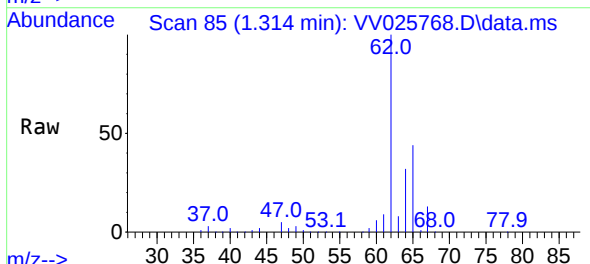
Instrument :
 MSVOA_V
 ClientSampleId :

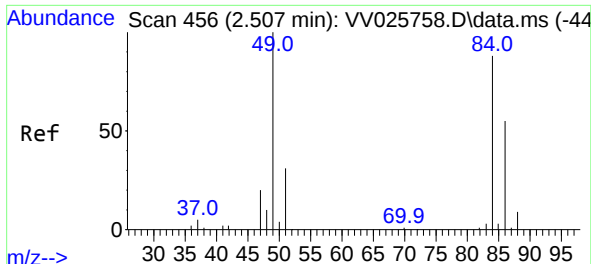
Tgt Ion: 62 Resp: 150384
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.2 43.2



#8
 Chloroethane
 Concen: 3.425 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.273 min
 Lab File: VV025768.D
 Acq: 02 May 2022 16:08

Tgt Ion: 64 Resp: 47890
 Ion Ratio Lower Upper
 64 100
 66 3.2 21.8 40.6

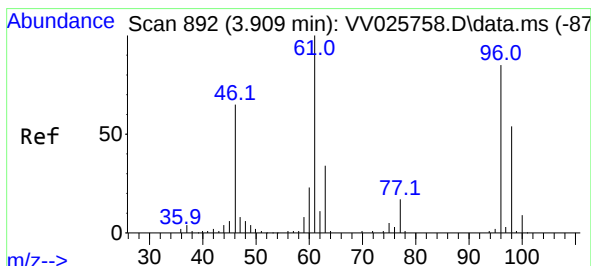
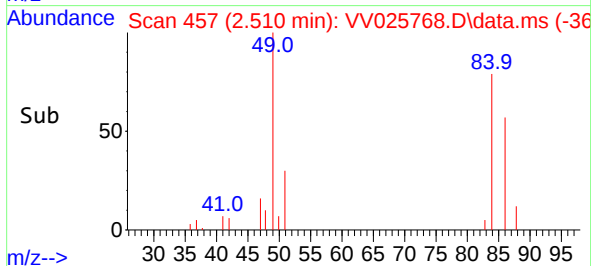
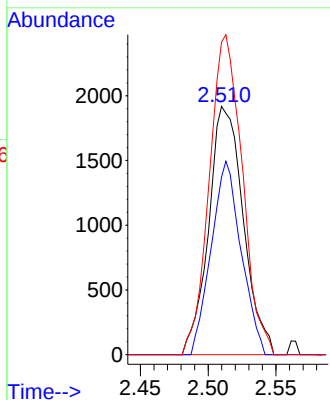
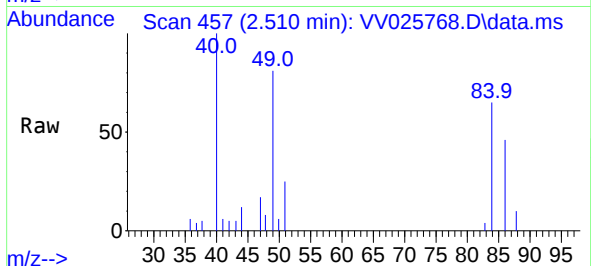




#16
Methylene chloride
Concen: 0.248 ug/L
RT: 2.510 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV025768.D
Acq: 02 May 2022 16:08

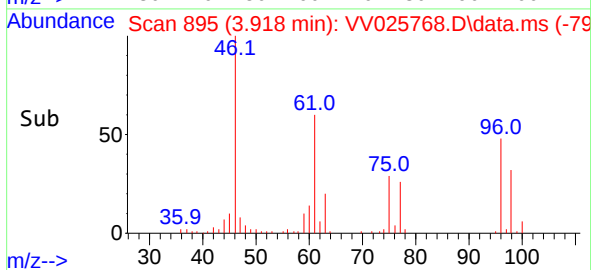
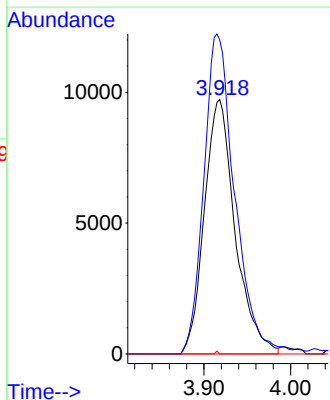
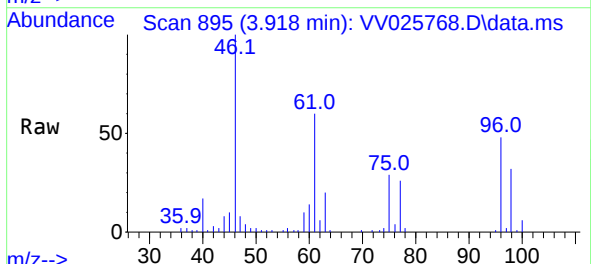
Instrument :
MSVOA_V
ClientSampleId :

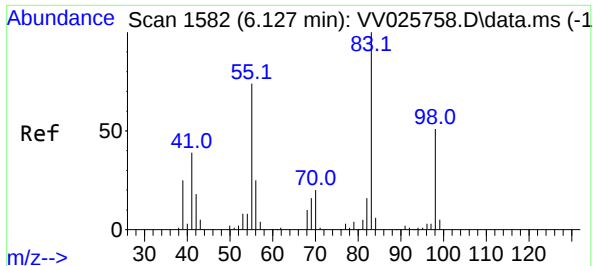
Tgt Ion: 84 Resp: 3412
Ion Ratio Lower Upper
84 100
86 71.6 45.9 85.3
49 125.9 76.6 142.3



#22
cis-1,2-Dichloroethene
Concen: 1.923 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV025768.D
Acq: 02 May 2022 16:08

Tgt Ion: 96 Resp: 24031
Ion Ratio Lower Upper
96 100
61 123.5 80.0 148.6
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.777 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025768.D

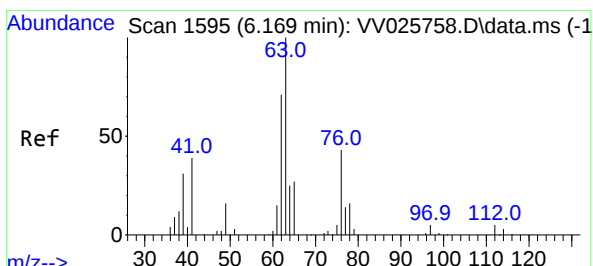
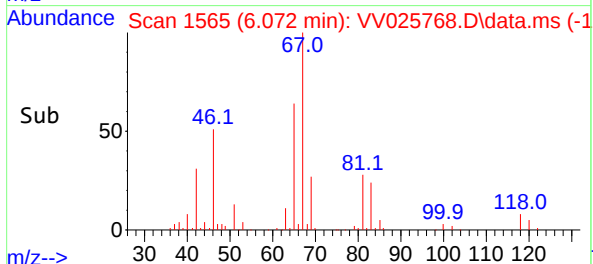
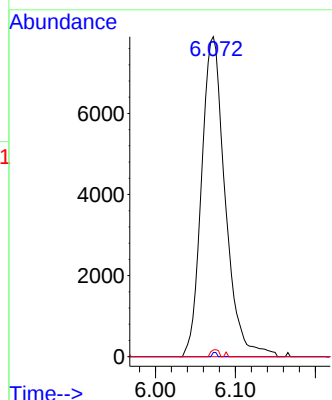
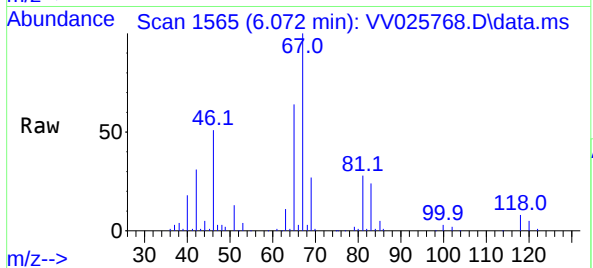
Acq: 02 May 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 16225
Ion Ratio	Lower Upper
83 100	
55 0.2	53.7 80.5#
98 0.7	39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.672 ug/L

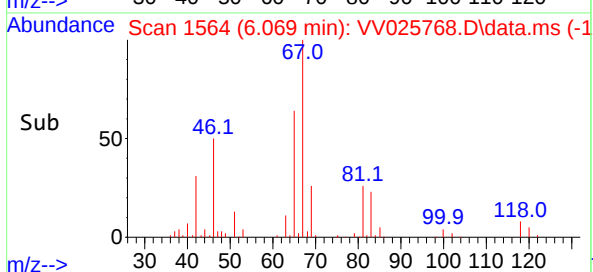
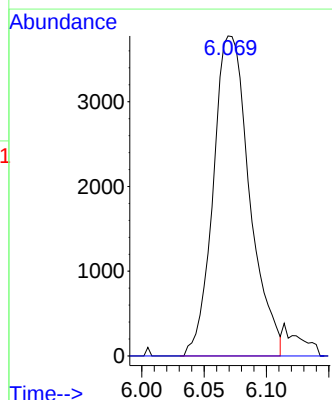
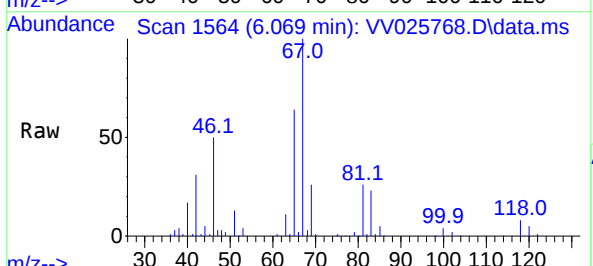
RT: 6.069 min Scan# 1564

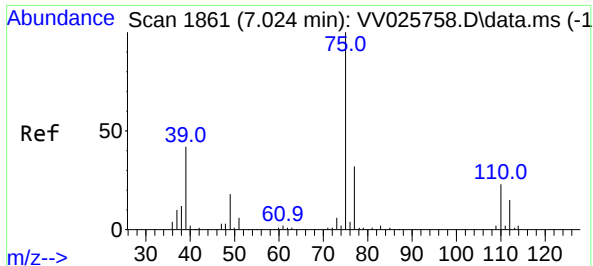
Delta R.T. -0.100 min

Lab File: VV025768.D

Acq: 02 May 2022 16:08

Tgt Ion: 63	Resp: 7666
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025768.D

Acq: 02 May 2022 16:08

Instrument :

MSVOA_V

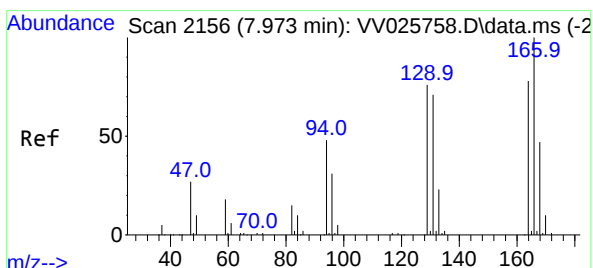
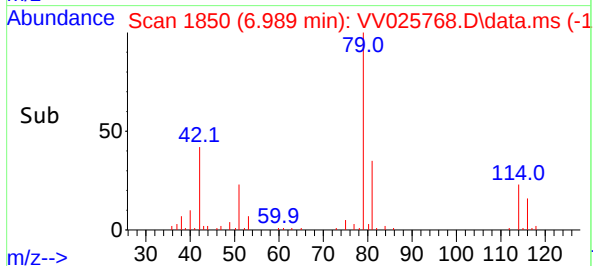
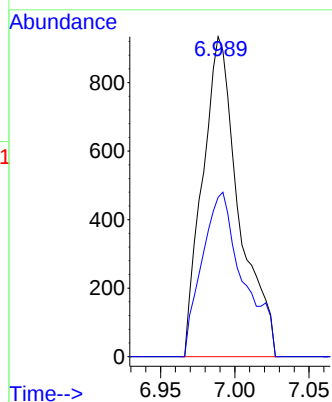
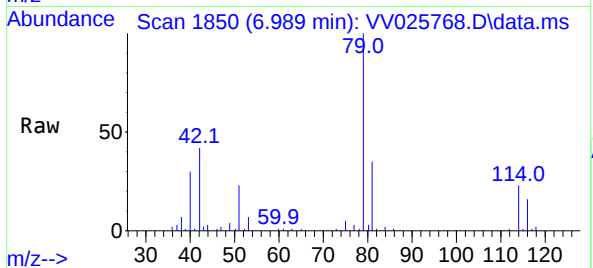
ClientSampleId :

Tgt Ion: 75 Resp: 1590

Ion Ratio Lower Upper

75 100

77 49.8 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.084 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.013 min

Lab File: VV025768.D

Acq: 02 May 2022 16:08

Tgt Ion: 164 Resp: 862

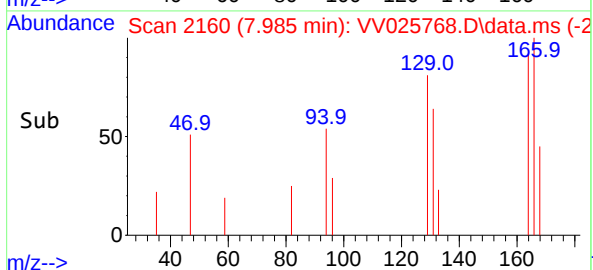
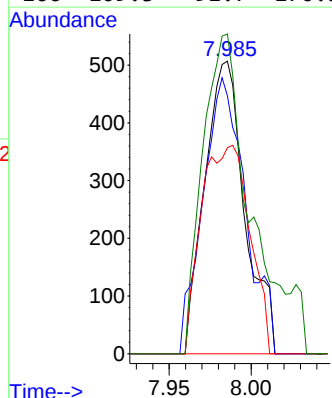
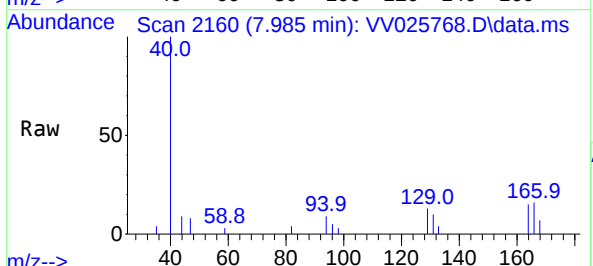
Ion Ratio Lower Upper

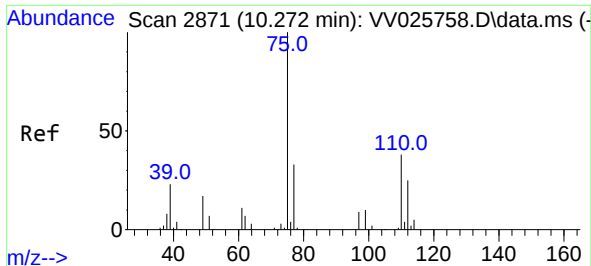
164 100

129 88.2 66.8 124.2

131 70.4 66.4 123.4

166 109.3 91.7 170.3





#61

1,2,3-Trichloropropane

Concen: 1.857 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025768.D

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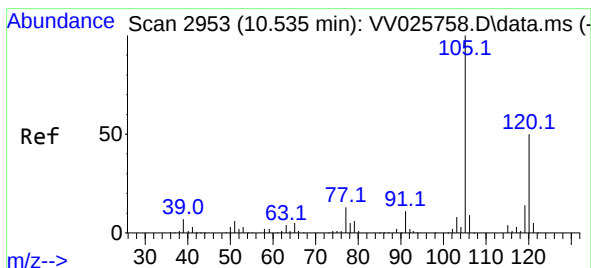
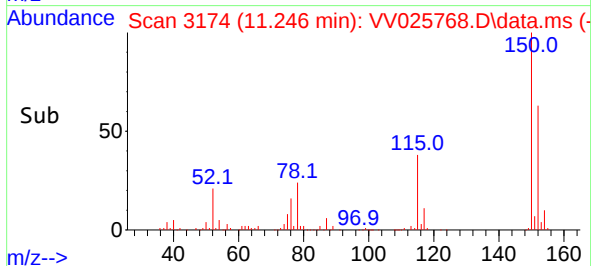
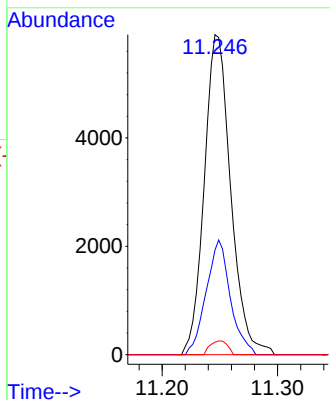
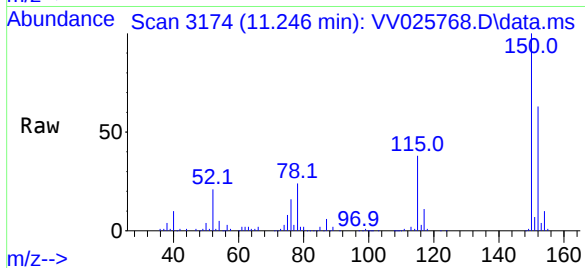
Tgt Ion: 75 Resp: 9404

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4

110 2.8 34.7 52.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.037 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.379 min

Lab File: VV025768.D

Acq: 02 May 2022 16:08

Tgt Ion: 105 Resp: 790

Ion Ratio Lower Upper

105 100

120 55.3 39.6 59.4

