

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025909.D
 Acq On : 16 May 2022 13:57
 Operator : SY/MD
 Sample : N2831-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K0

Quant Time: May 17 08:01:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

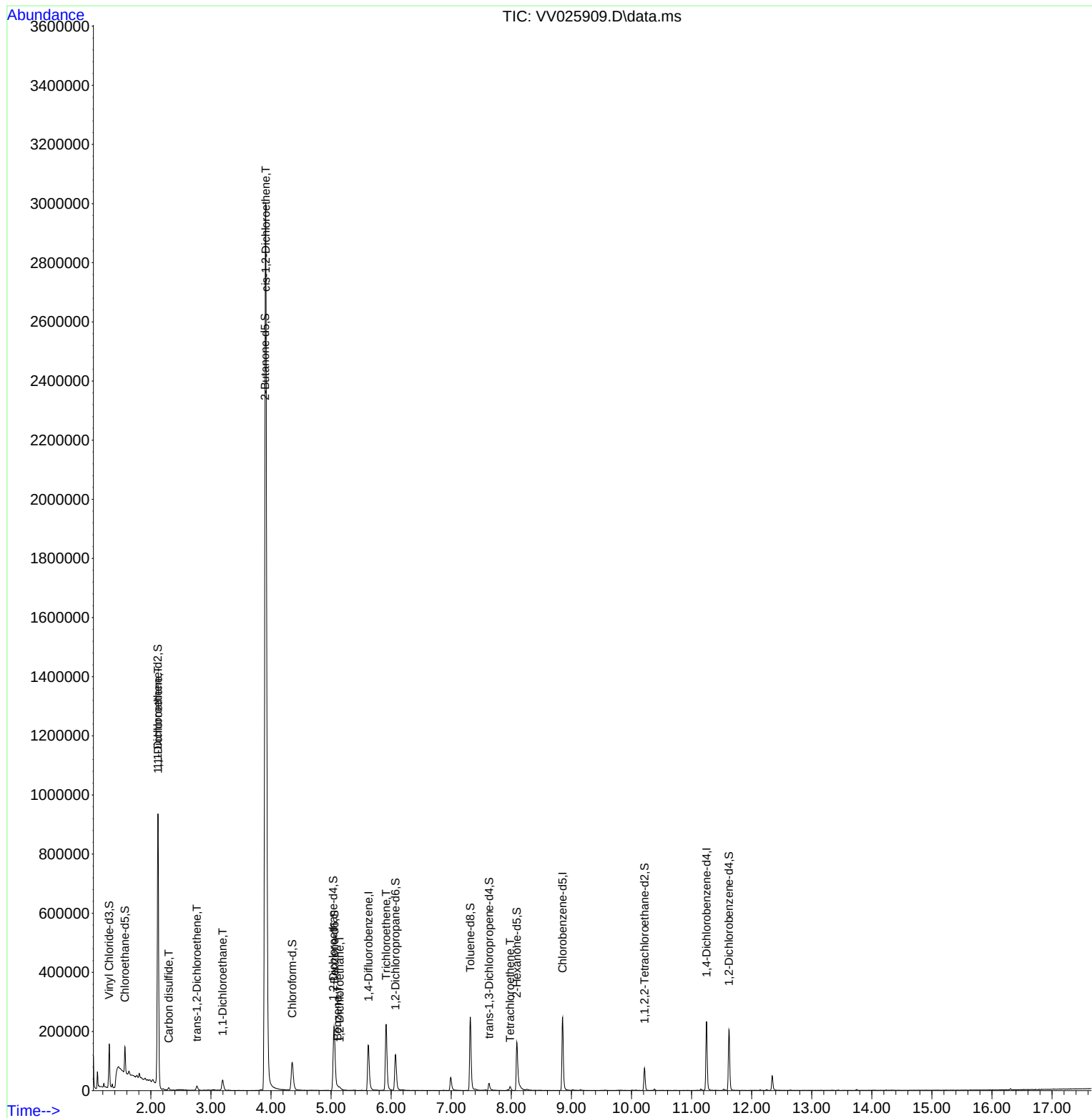
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	134040	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.853	117	138833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60363	5.453	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.000%		
7) Chloroethane-d5	1.568	69	53768	5.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.400%		
11) 1,1-Dichloroethene-d2	2.117	63	233513	9.530	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 190.600%#		
20) 2-Butanone-d5	3.899	46	82230	64.140	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 128.280%		
24) Chloroform-d	4.352	84	99879	5.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.400%		
26) 1,2-Dichloroethane-d4	5.037	65	43483	5.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.400%		
32) Benzene-d6	5.053	84	200480	5.561	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.200%		
36) 1,2-Dichloropropane-d6	6.072	67	59660	5.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 113.800%		
41) Toluene-d8	7.317	98	167728	5.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.000%		
43) trans-1,3-Dichloroprop...	7.628	79	15601	4.551	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.000%		
46) 2-Hexanone-d5	8.091	63	59415	46.685	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.360%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37000	5.480	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 109.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	51755	5.959	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 119.200%		
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.121	96	244354	18.969	ug/L	# 85
14) Carbon disulfide	2.297	76	11071	0.334	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	4611	0.410	ug/L	98
19) 1,1-Dichloroethane	3.195	63	34619	1.628	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	165557	144.256	ug/L	97
27) 1,2-Dichloroethane	5.143	62	7804	0.687	ug/L	98
33) Benzene	5.108	78	13382	0.285	ug/L	100
34) Trichloroethene	5.915	95	78258	6.517	ug/L	100
47) Tetrachloroethene	7.982	164	2885	0.310	ug/L	93

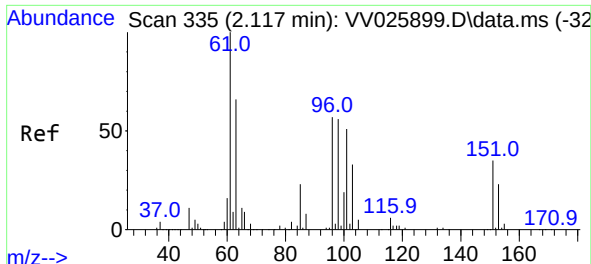
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 17 07:58:29 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 18.969 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025909.D

Acq: 16 May 2022 13:57

Instrument :

MSVOA_V

ClientSampleId :

YB2K0

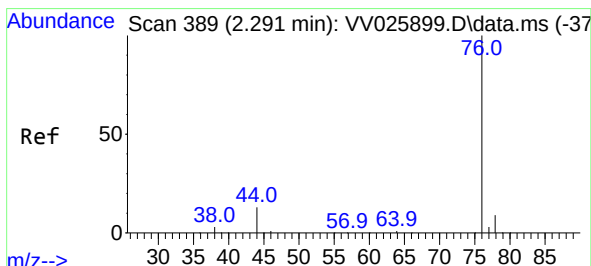
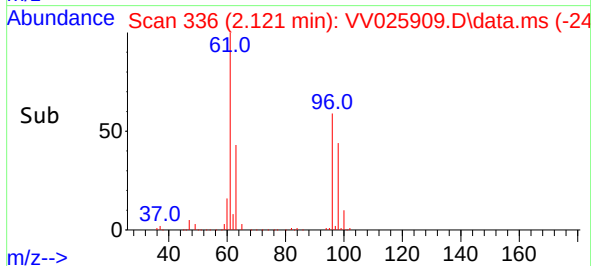
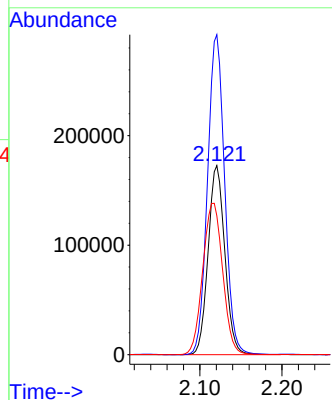
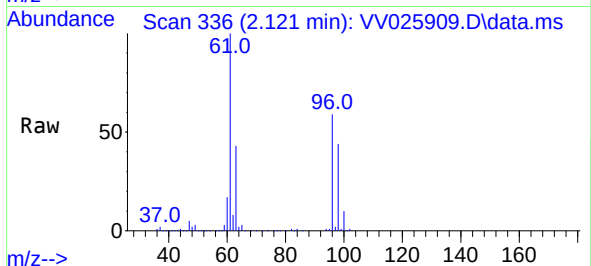
Tgt Ion: 96 Resp: 244354

Ion Ratio Lower Upper

96 100

61 169.3 119.8 222.6

63 73.4 78.3 145.3#



#14

Carbon disulfide

Concen: 0.334 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.006 min

Lab File: VV025909.D

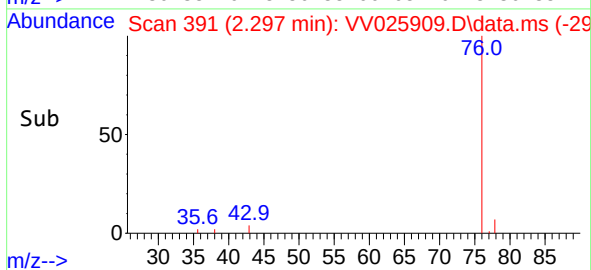
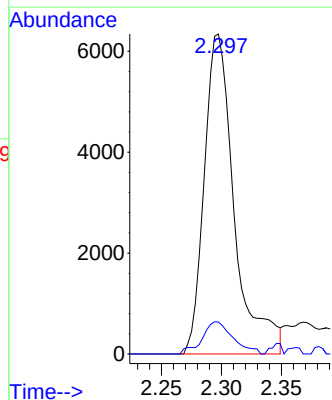
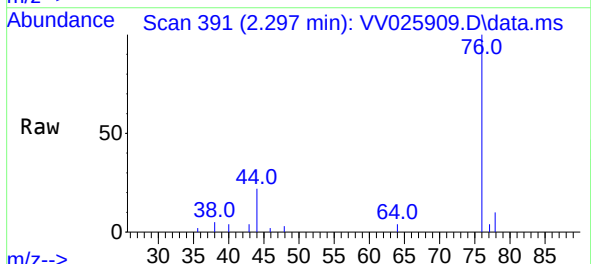
Acq: 16 May 2022 13:57

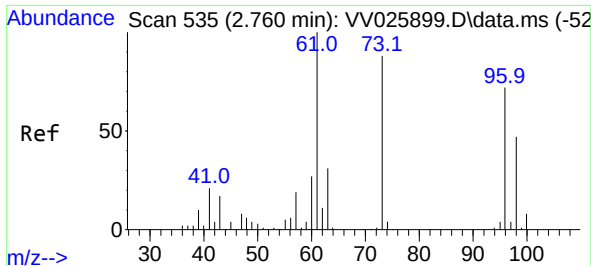
Tgt Ion: 76 Resp: 11071

Ion Ratio Lower Upper

76 100

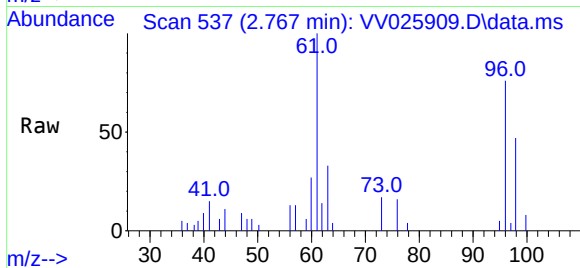
78 9.9 7.0 10.6





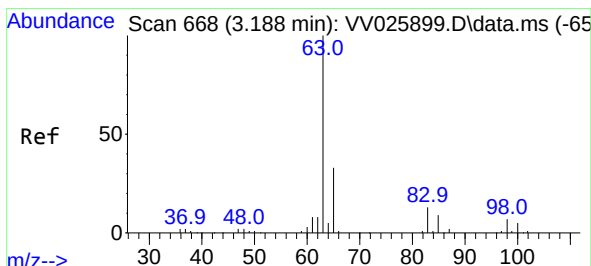
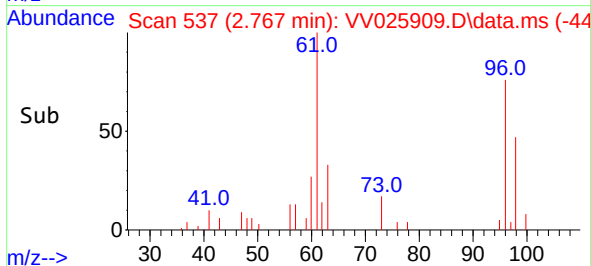
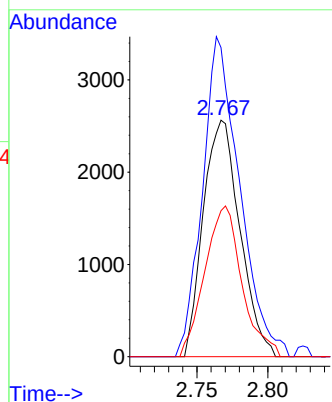
#18
trans-1,2-Dichloroethene
Concen: 0.410 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025909.D
Acq: 16 May 2022 13:57

Instrument :
MSVOA_V
ClientSampleId :
YB2K0



Tgt Ion: 96 Resp: 4611

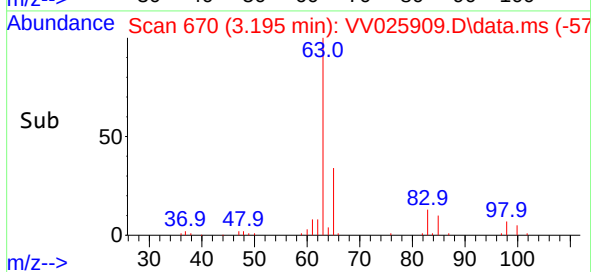
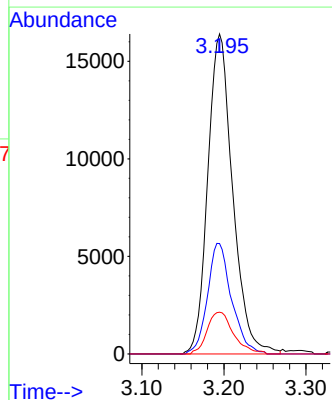
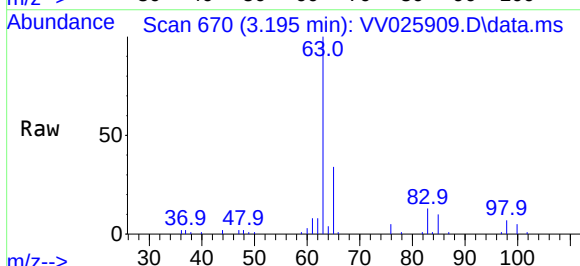
Ion	Ratio	Lower	Upper
96	100		
61	130.7	93.6	173.8
98	61.7	42.8	79.4

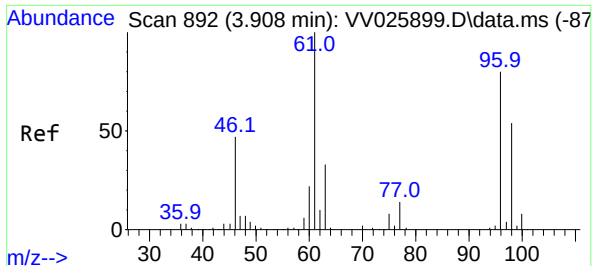


#19
1,1-Dichloroethane
Concen: 1.628 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV025909.D
Acq: 16 May 2022 13:57

Tgt Ion: 63 Resp: 34619

Ion	Ratio	Lower	Upper
63	100		
65	34.5	22.3	41.5
83	13.0	10.0	18.6

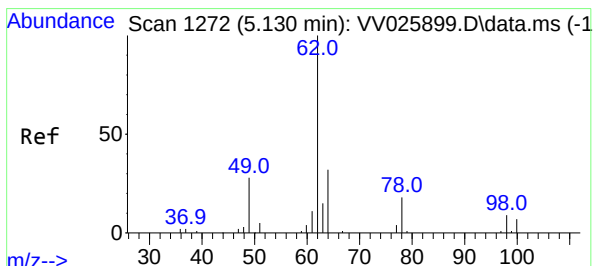
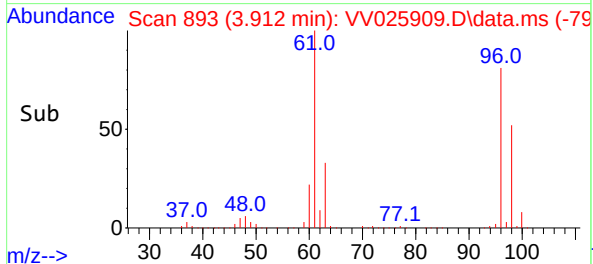
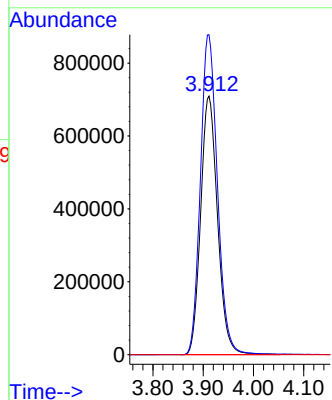
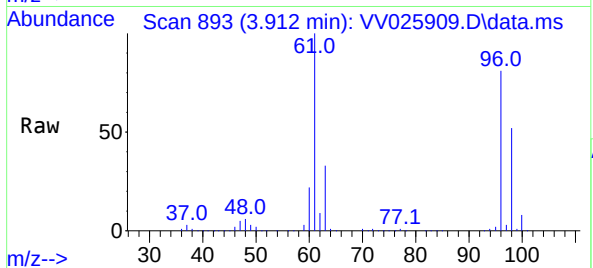




#22
cis-1,2-Dichloroethene
Concen: 144.256 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV025909.D
Acq: 16 May 2022 13:57

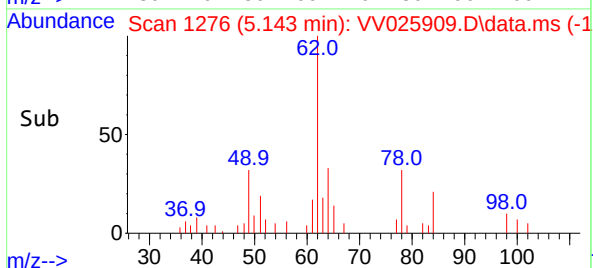
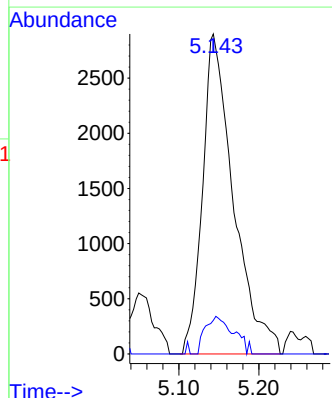
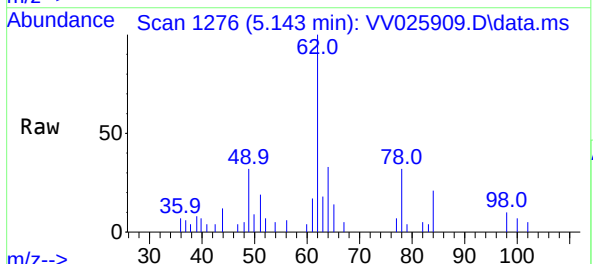
Instrument :
MSVOA_V
ClientSampleId :
YB2K0

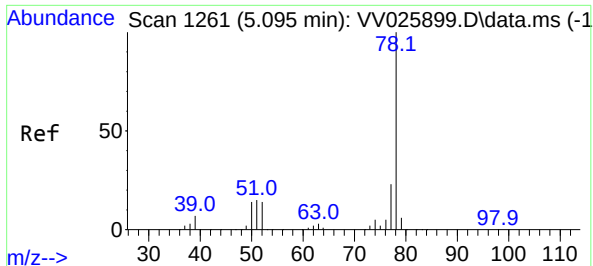
Tgt Ion: 96 Resp: 1655557
Ion Ratio Lower Upper
96 100
61 123.8 88.9 165.1
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.687 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.013 min
Lab File: VV025909.D
Acq: 16 May 2022 13:57

Tgt Ion: 62 Resp: 7804
Ion Ratio Lower Upper
62 100
98 10.5 7.9 11.9

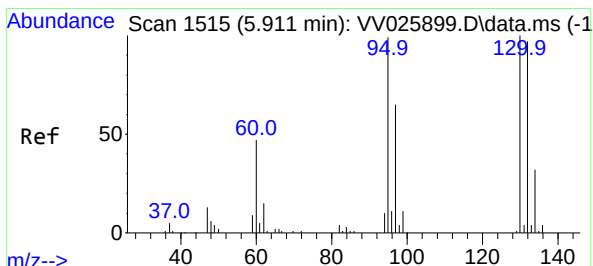
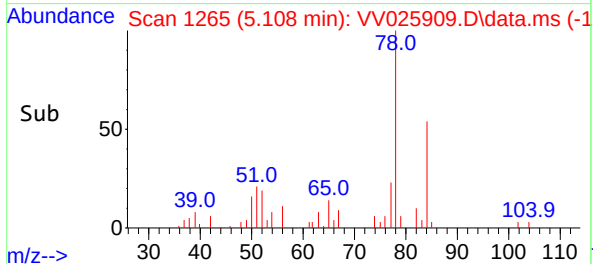
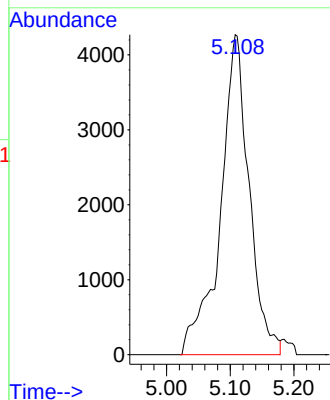
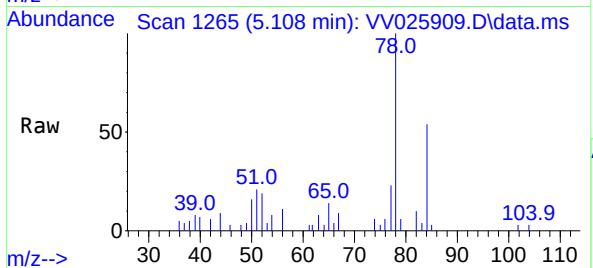




#33
Benzene
Concen: 0.285 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV025909.D
Acq: 16 May 2022 13:57

Instrument :
MSVOA_V
ClientSampleId :
YB2K0

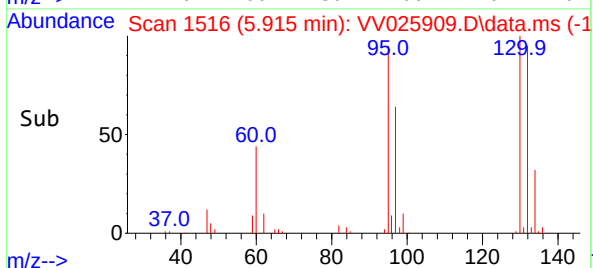
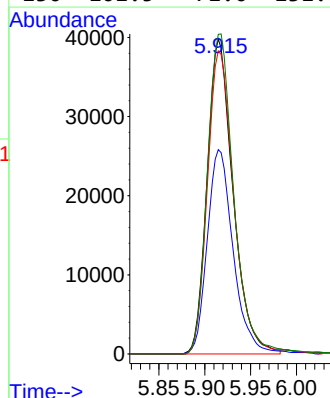
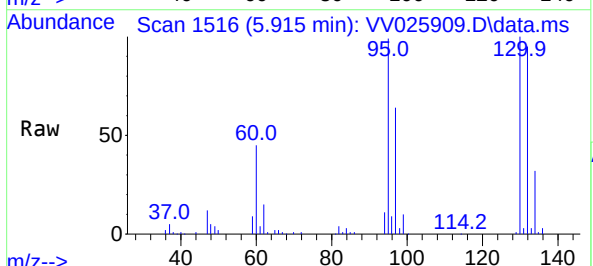
Tgt Ion: 78 Resp: 13382

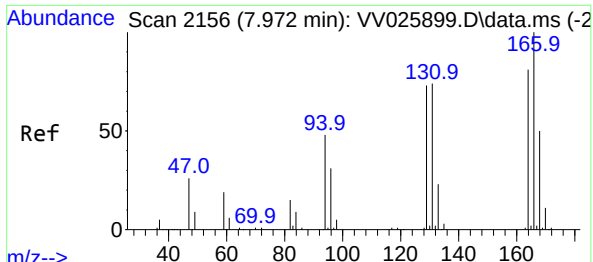


#34
Trichloroethene
Concen: 6.517 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025909.D
Acq: 16 May 2022 13:57

Tgt Ion: 95 Resp: 78258

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.3
132	96.2	67.6	125.6
130	101.5	71.0	131.8





#47
Tetrachloroethene
Concen: 0.310 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV025909.D
Acq: 16 May 2022 13:57

Instrument :
MSVOA_V
ClientSampleId :
YB2K0

Tgt Ion:164 Resp: 2885

Ion	Ratio	Lower	Upper
164	100		
129	101.2	67.5	125.4
131	98.6	63.8	118.4
166	132.1	86.9	161.3

