

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051722\
 Data File : VW025922.D
 Acq On : 17 May 2022 12:00
 Operator : SY/MD
 Sample : N2831-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K2

Quant Time: May 18 05:57:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 18 05:55:49 2022
 Response via : Initial Calibration

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

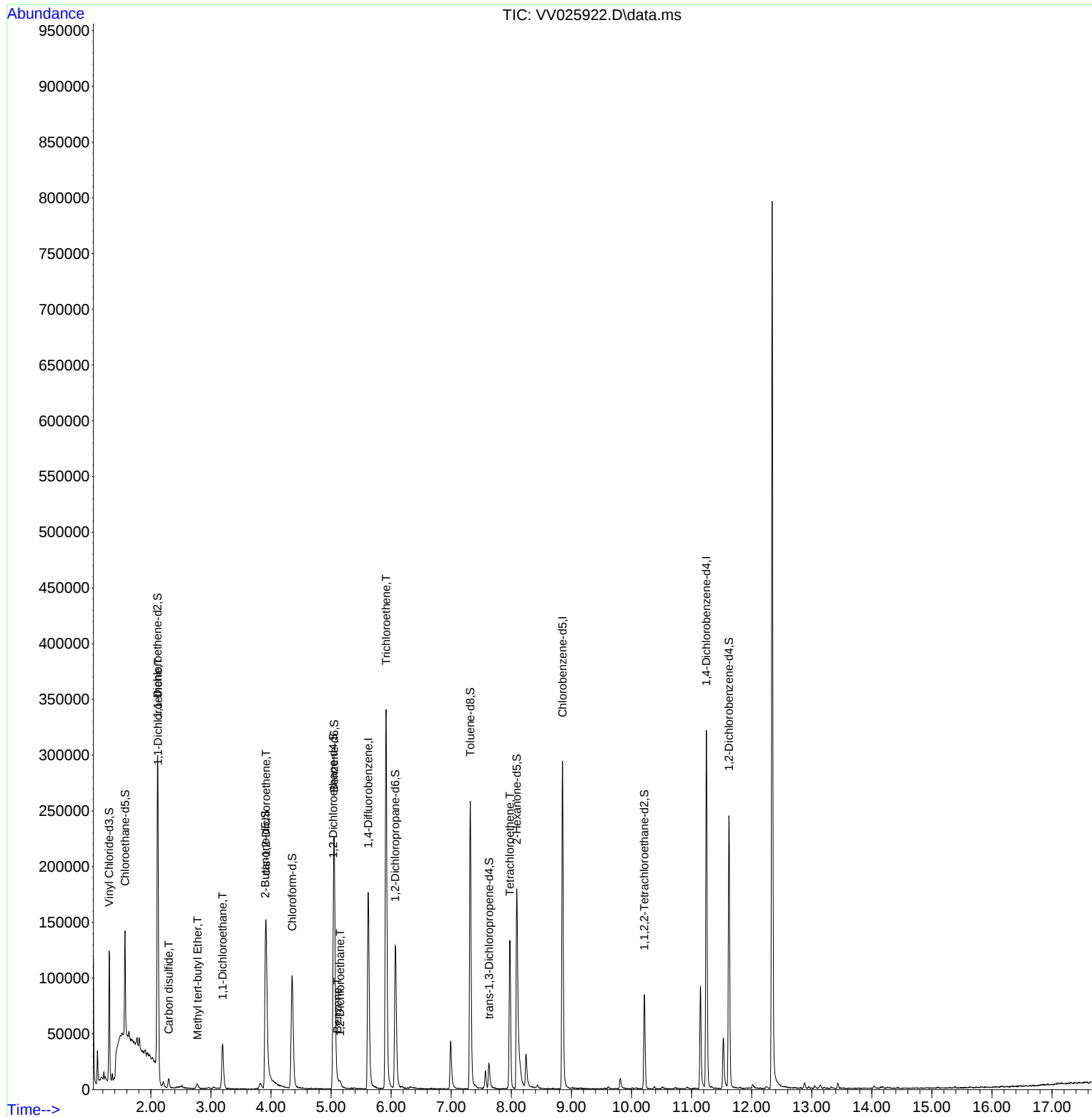
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	154586	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	160175	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61630	4.827	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.571	69	57431	5.253	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.111	63	124820	4.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.400%	
20) 2-Butanone-d5	3.905	46	72102	48.765	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.540%	
24) Chloroform-d	4.352	84	107599	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.037	65	46684	5.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.050	84	212501	5.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.069	67	65477	5.415	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.200%	
41) Toluene-d8	7.317	98	177990	4.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.629	79	14703	3.718	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.092	63	70477	47.998	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.000%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42298	5.430	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61058	5.351	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.121	96	42304	2.847	ug/L #	70
14) Carbon disulfide	2.298	76	10117	0.264	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	2701	0.114	ug/L #	77
19) 1,1-Dichloroethane	3.195	63	40609	1.656	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	72293	5.462	ug/L	96
27) 1,2-Dichloroethane	5.150	62	4641	0.354	ug/L #	89
33) Benzene	5.108	78	3929	0.072	ug/L	100
34) Trichloroethene	5.915	95	122049	8.810	ug/L	98
47) Tetrachloroethene	7.976	164	28940	2.696	ug/L	96

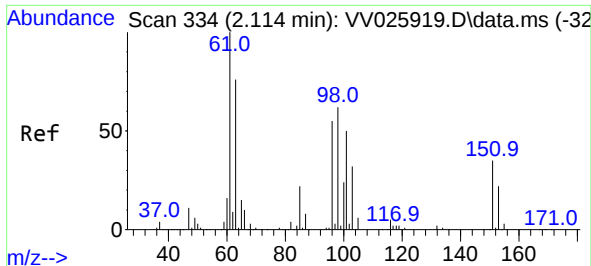
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 18 05:55:49 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.847 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV025922.D

Acq: 17 May 2022 12:00

Instrument :

MSVOA_V

ClientSampleId :

YB2K2

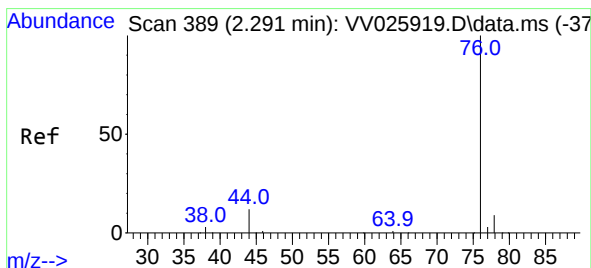
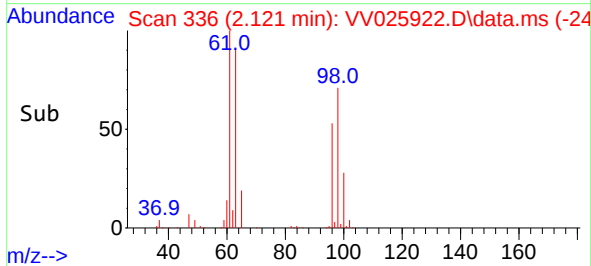
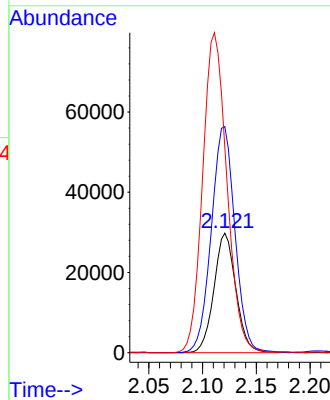
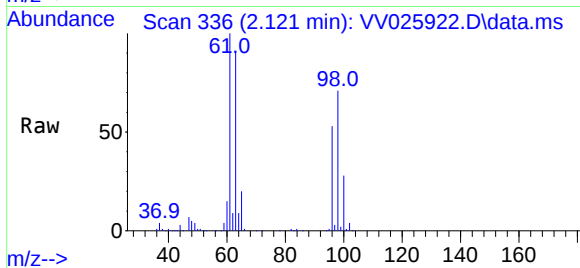
Tgt Ion: 96 Resp: 42304

Ion Ratio Lower Upper

96 100

61 189.1 119.8 222.6

63 171.5 78.3 145.3#



#14

Carbon disulfide

Concen: 0.264 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.007 min

Lab File: VV025922.D

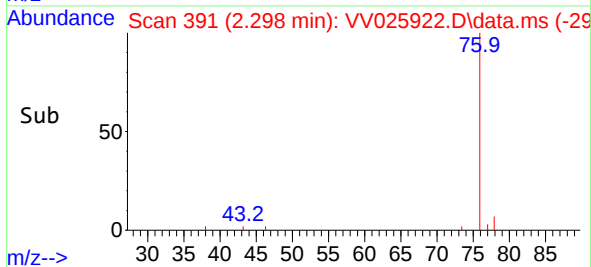
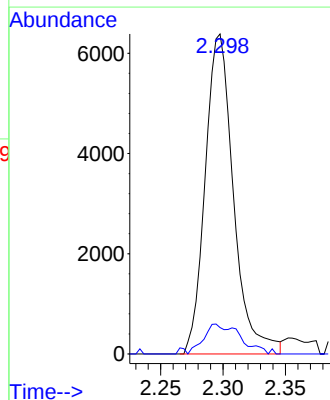
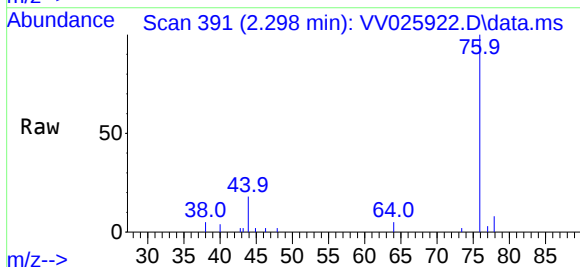
Acq: 17 May 2022 12:00

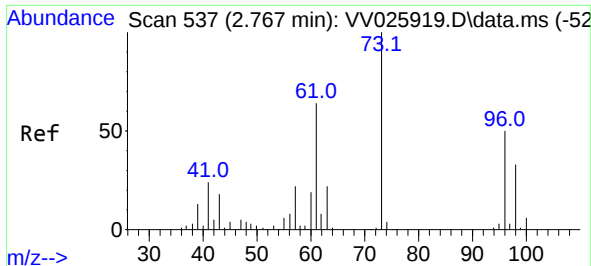
Tgt Ion: 76 Resp: 10117

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.6

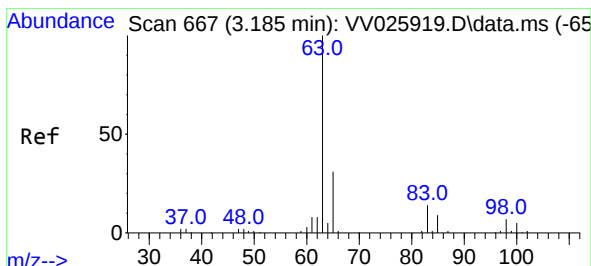
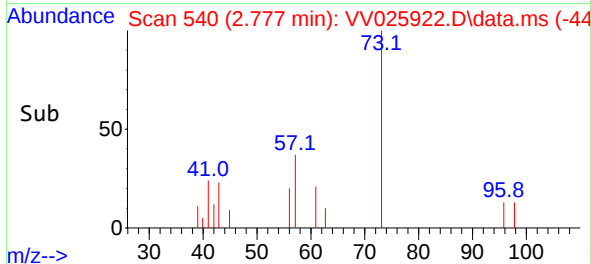
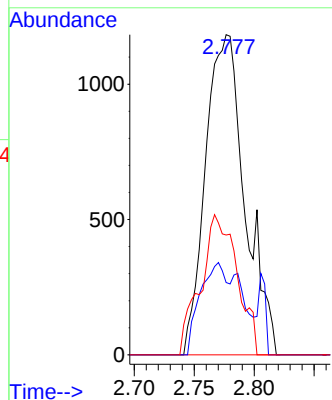
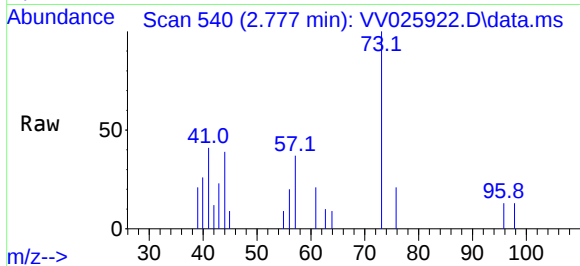




#17
Methyl tert-butyl Ether
Concen: 0.114 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV025922.D
Acq: 17 May 2022 12:00

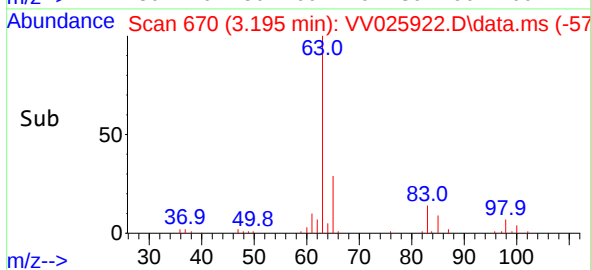
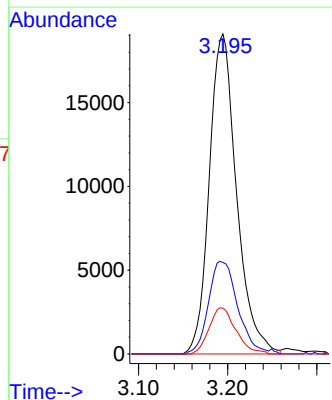
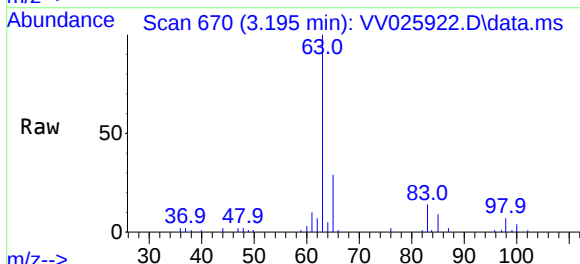
Instrument :
MSVOA_V
ClientSampleId :
YB2K2

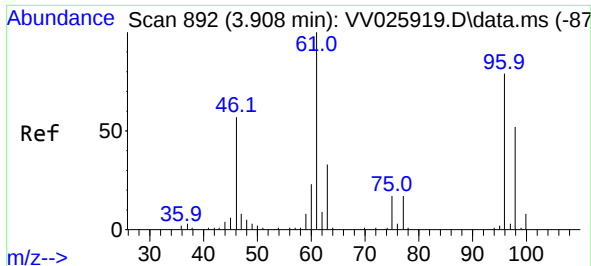
Tgt Ion: 73 Resp: 2701
Ion Ratio Lower Upper
73 100
43 20.4 14.6 22.0
57 40.6 17.9 26.9#



#19
1,1-Dichloroethane
Concen: 1.656 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.010 min
Lab File: VV025922.D
Acq: 17 May 2022 12:00

Tgt Ion: 63 Resp: 40609
Ion Ratio Lower Upper
63 100
65 28.6 22.3 41.5
83 14.3 10.0 18.6



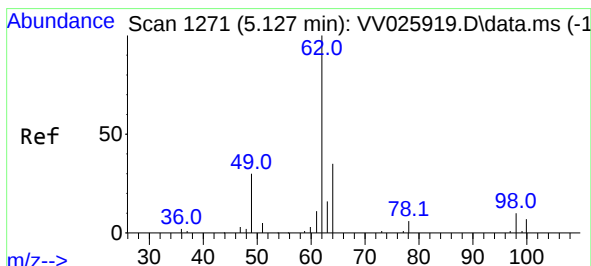
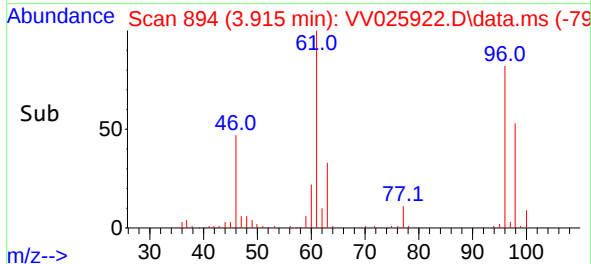
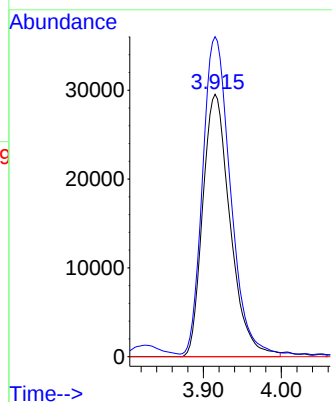
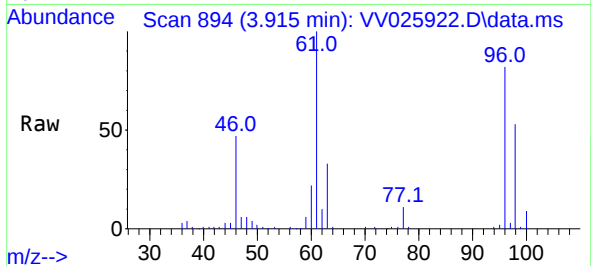


#22
 cis-1,2-Dichloroethene
 Concen: 5.462 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV025922.D
 Acq: 17 May 2022 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K2

Tgt Ion: 96 Resp: 72293

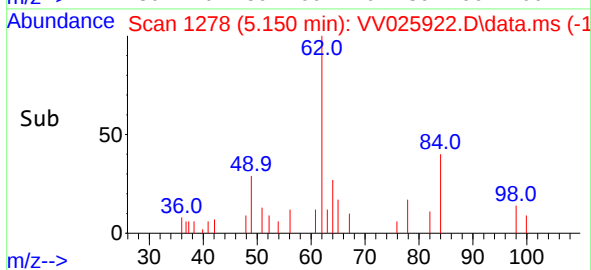
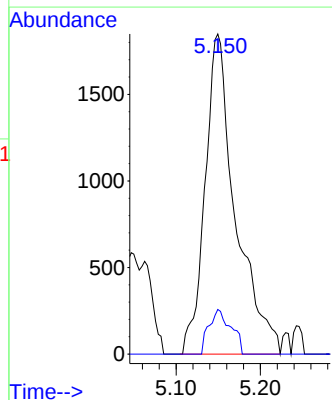
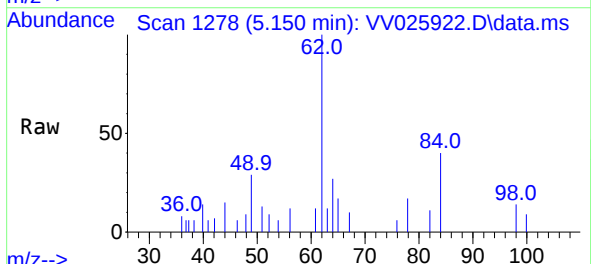
Ion	Ratio	Lower	Upper
96	100		
61	121.9	88.9	165.1
68	0.0	0.0	0.0

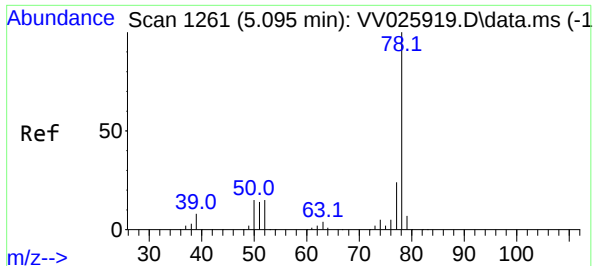


#27
 1,2-Dichloroethane
 Concen: 0.354 ug/L
 RT: 5.150 min Scan# 1278
 Delta R.T. 0.023 min
 Lab File: VV025922.D
 Acq: 17 May 2022 12:00

Tgt Ion: 62 Resp: 4641

Ion	Ratio	Lower	Upper
62	100		
98	13.9	7.9	11.9

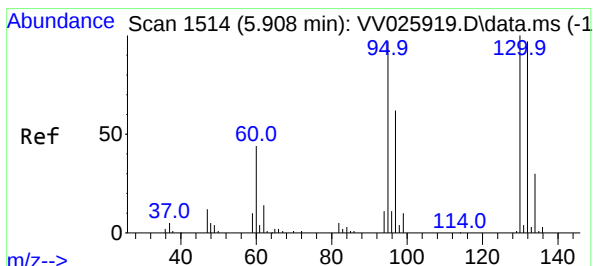
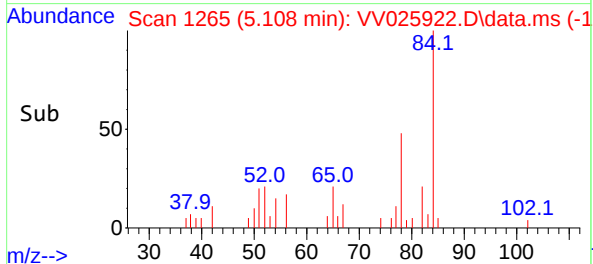
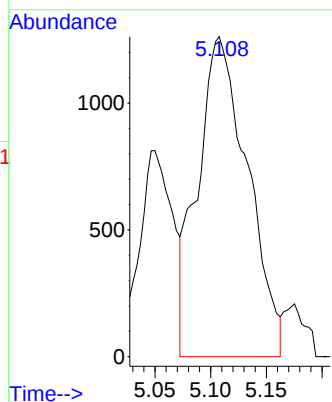
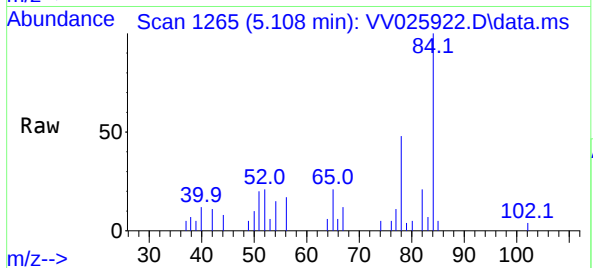




#33
Benzene
Concen: 0.072 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV025922.D
Acq: 17 May 2022 12:00

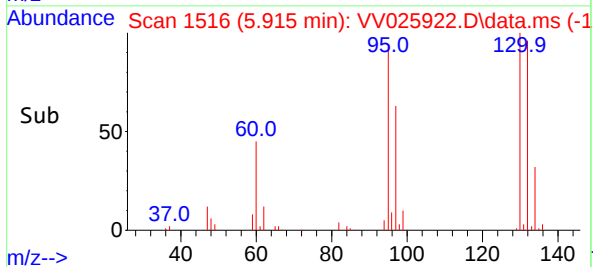
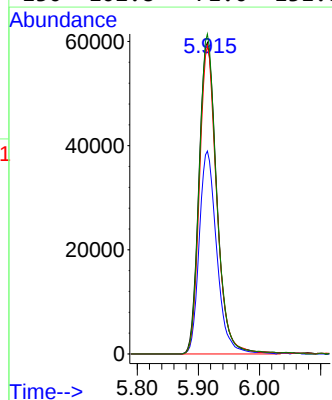
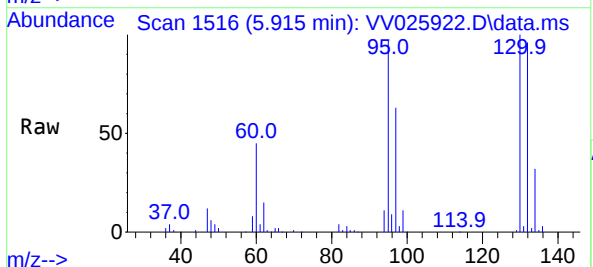
Instrument :
MSVOA_V
ClientSampleId :
YB2K2

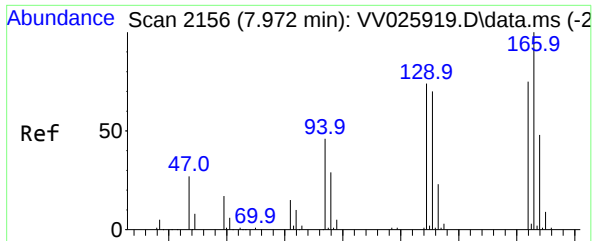
Tgt Ion: 78 Resp: 3929



#34
Trichloroethene
Concen: 8.810 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV025922.D
Acq: 17 May 2022 12:00

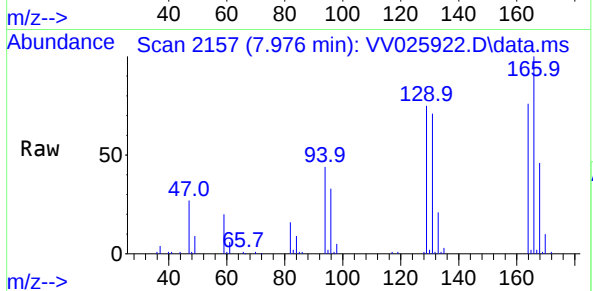
Tgt Ion: 95 Resp: 122049
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.3
132 99.0 67.6 125.6
130 102.8 71.0 131.8





#47
 Tetrachloroethene
 Concen: 2.696 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025922.D
 Acq: 17 May 2022 12:00

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K2



Tgt Ion:164 Resp: 28940

Ion	Ratio	Lower	Upper
164	100		
129	98.2	67.5	125.4
131	93.7	63.8	118.4
166	131.2	86.9	161.3

