

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022723.D
 Acq On : 11 Oct 2021 12:41
 Operator : SY/MD
 Sample : M4022-21DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B00DL

Quant Time: Oct 12 03:40:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

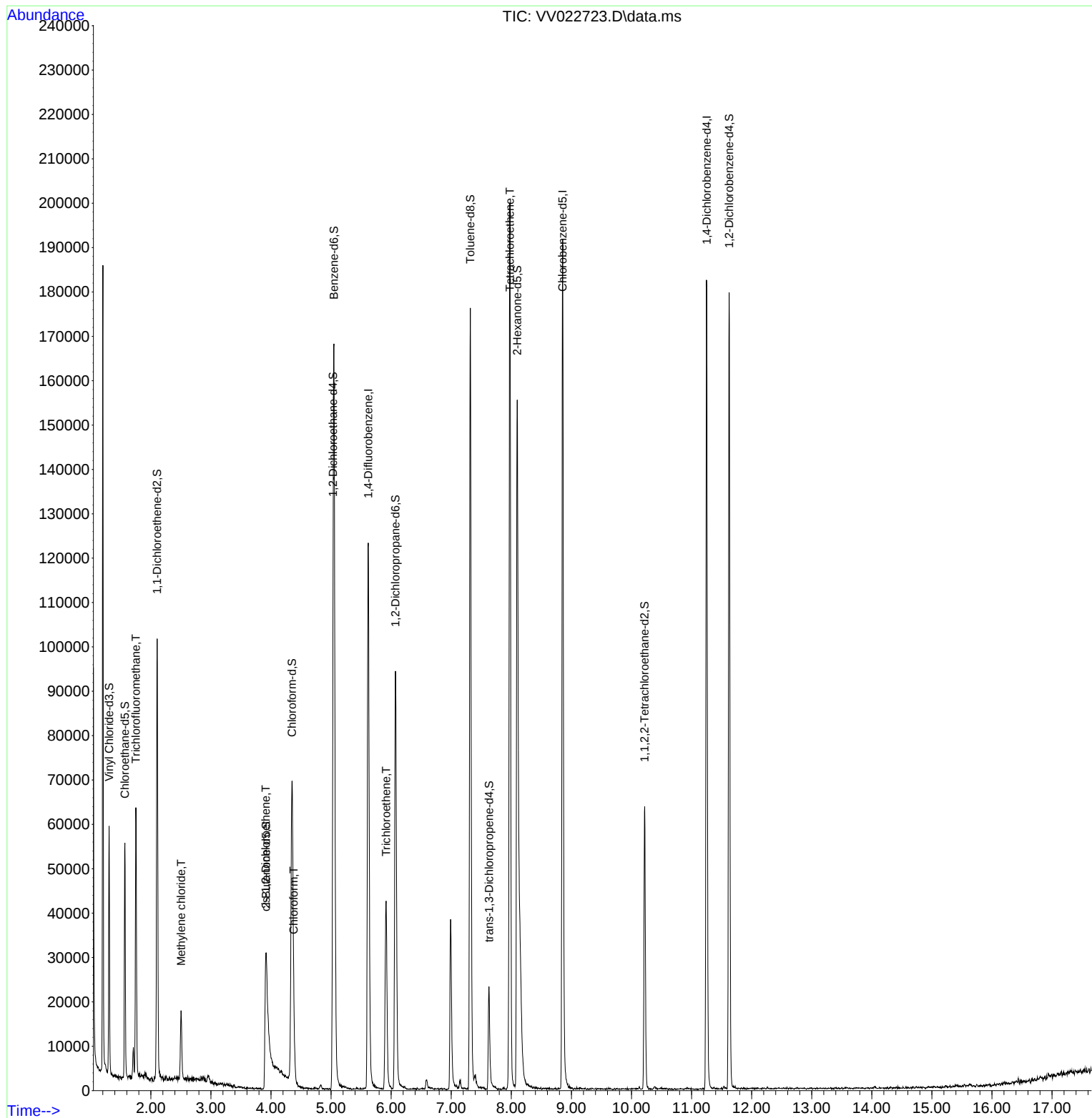
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	108418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	50204	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34131	4.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	33615	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.105	63	51942	3.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.915	46	73638	37.650	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.300%
24) Chloroform-d	4.349	84	69513	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	37490	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	143340	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.072	67	47228	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.317	98	117637	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.628	79	14193	4.349	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.098	63	66369	50.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	31561	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	47633	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.751	101	33943	2.824	ug/L	99
16) Methylene chloride	2.503	84	5702	0.633	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	1403	0.188	ug/L	88
25) Chloroform	4.378	83	9560	0.643	ug/L	97
34) Trichloroethene	5.915	95	14265	1.745	ug/L	94
47) Tetrachloroethene	7.976	164	46799	7.080	ug/L	98

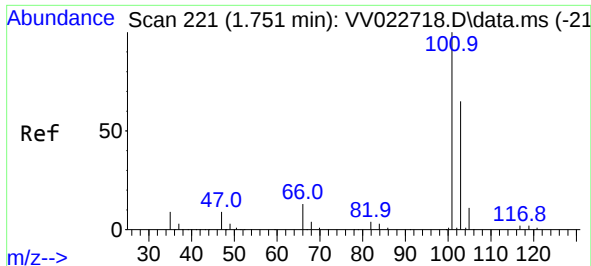
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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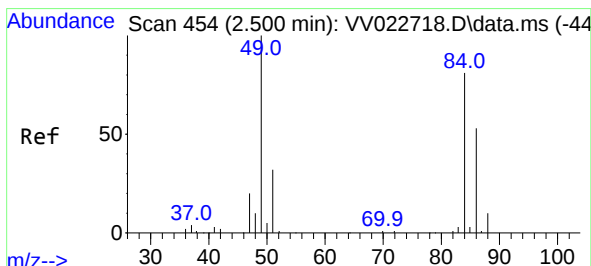
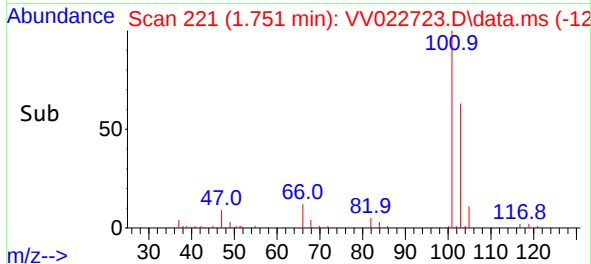
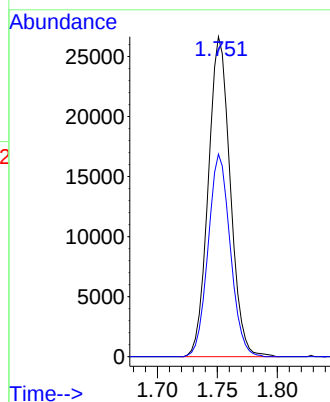
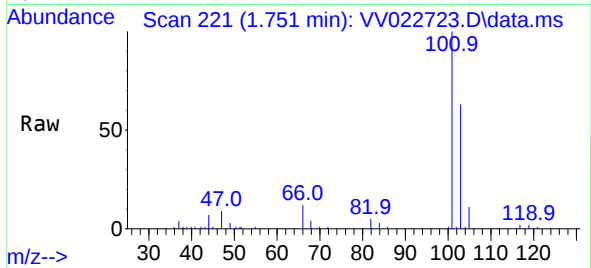




#9
Trichlorofluoromethane
Concen: 2.824 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

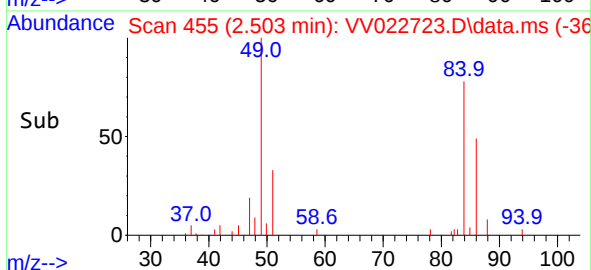
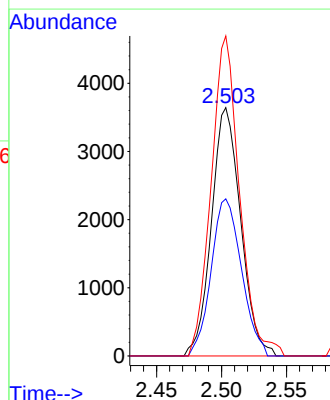
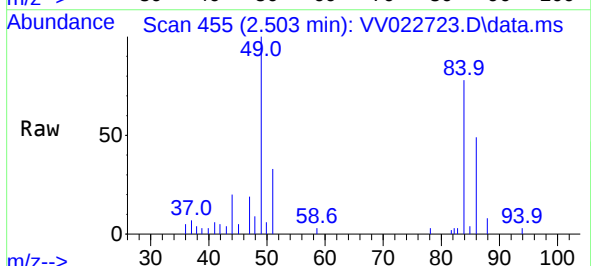
Instrument :
MSVOA_V
ClientSampleId :
C0B00DL

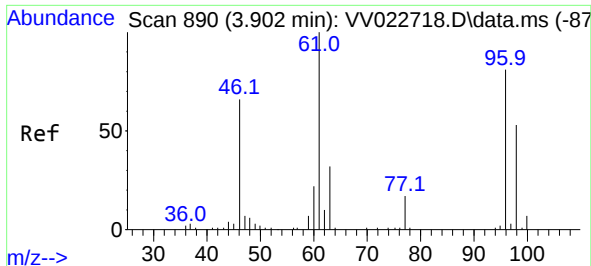
Tgt Ion:101 Resp: 33943
Ion Ratio Lower Upper
101 100
103 63.7 50.3 75.5



#16
Methylene chloride
Concen: 0.633 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Tgt Ion: 84 Resp: 5702
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.2
49 128.8 90.3 167.7



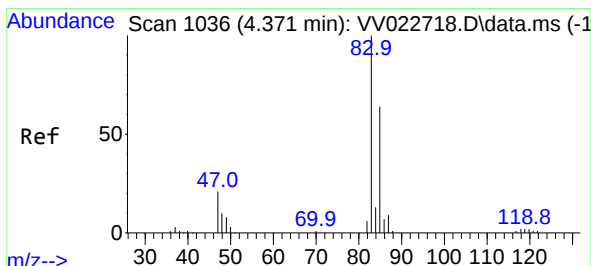
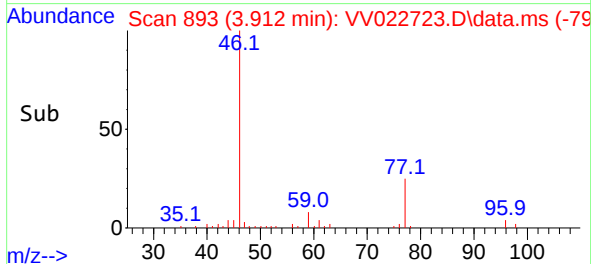
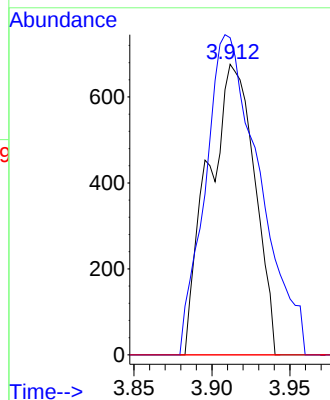
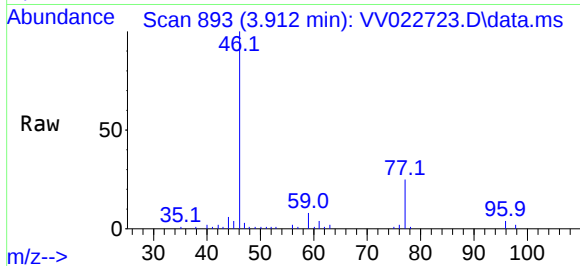


#22
cis-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Instrument :
MSVOA_V
ClientSampleId :
C0B00DL

Tgt Ion: 96 Resp: 1403

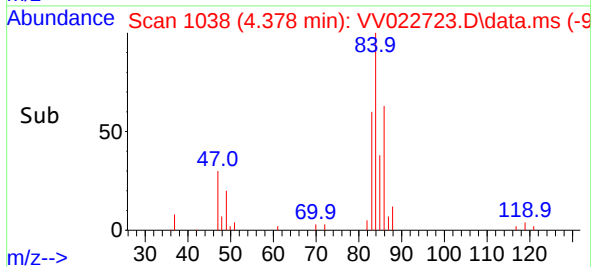
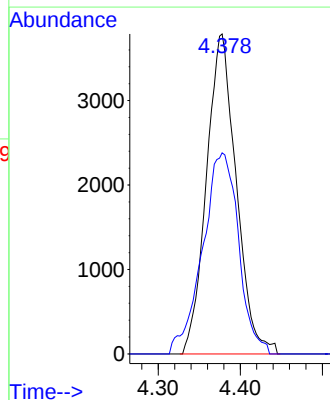
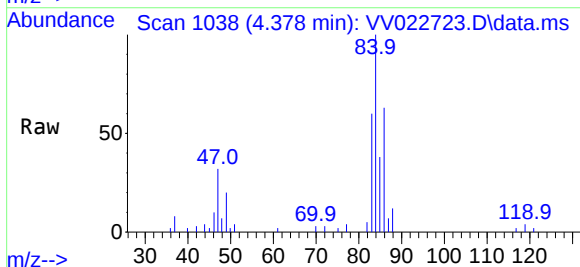
Ion	Ratio	Lower	Upper
96	100		
61	109.2	86.0	159.6
68	0.0	0.0	0.0

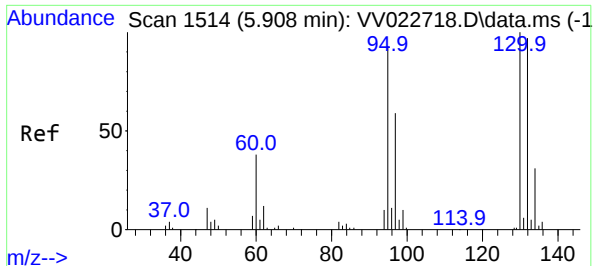


#25
Chloroform
Concen: 0.643 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022723.D
Acq: 11 Oct 2021 12:41

Tgt Ion: 83 Resp: 9560

Ion	Ratio	Lower	Upper
83	100		
85	62.8	45.7	84.9





#34

Trichloroethene

Concen: 1.745 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022723.D

Acq: 11 Oct 2021 12:41

Tgt Ion: 95 Resp: 14265

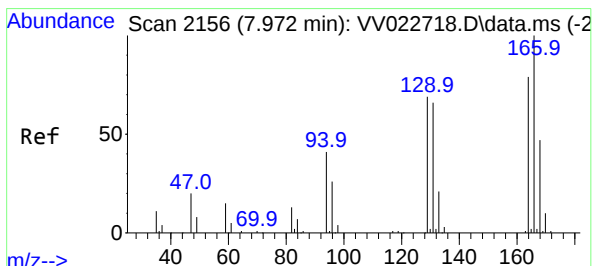
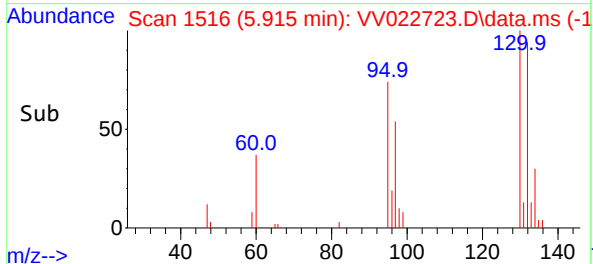
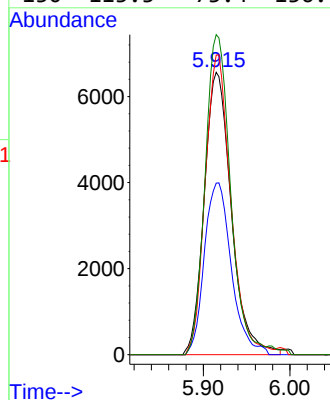
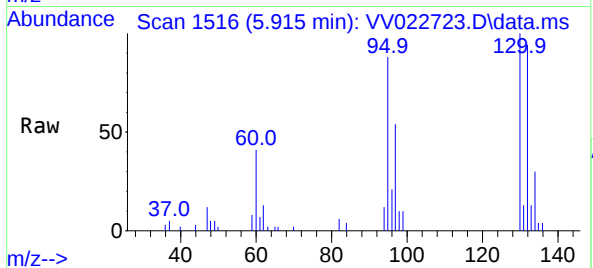
Ion Ratio Lower Upper

95 100

97 60.7 45.8 85.2

132 106.1 72.2 134.0

130 113.3 73.4 136.4



#47

Tetrachloroethene

Concen: 7.080 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022723.D

Acq: 11 Oct 2021 12:41

Tgt Ion: 164 Resp: 46799

Ion Ratio Lower Upper

164 100

129 90.3 65.0 120.6

131 86.5 62.2 115.4

166 128.7 89.2 165.8

