

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030416.D
 Acq On : 06 Apr 2023 14:35
 Operator : SY/MD
 Sample : 02194-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx0

Quant Time: Apr 07 04:50:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

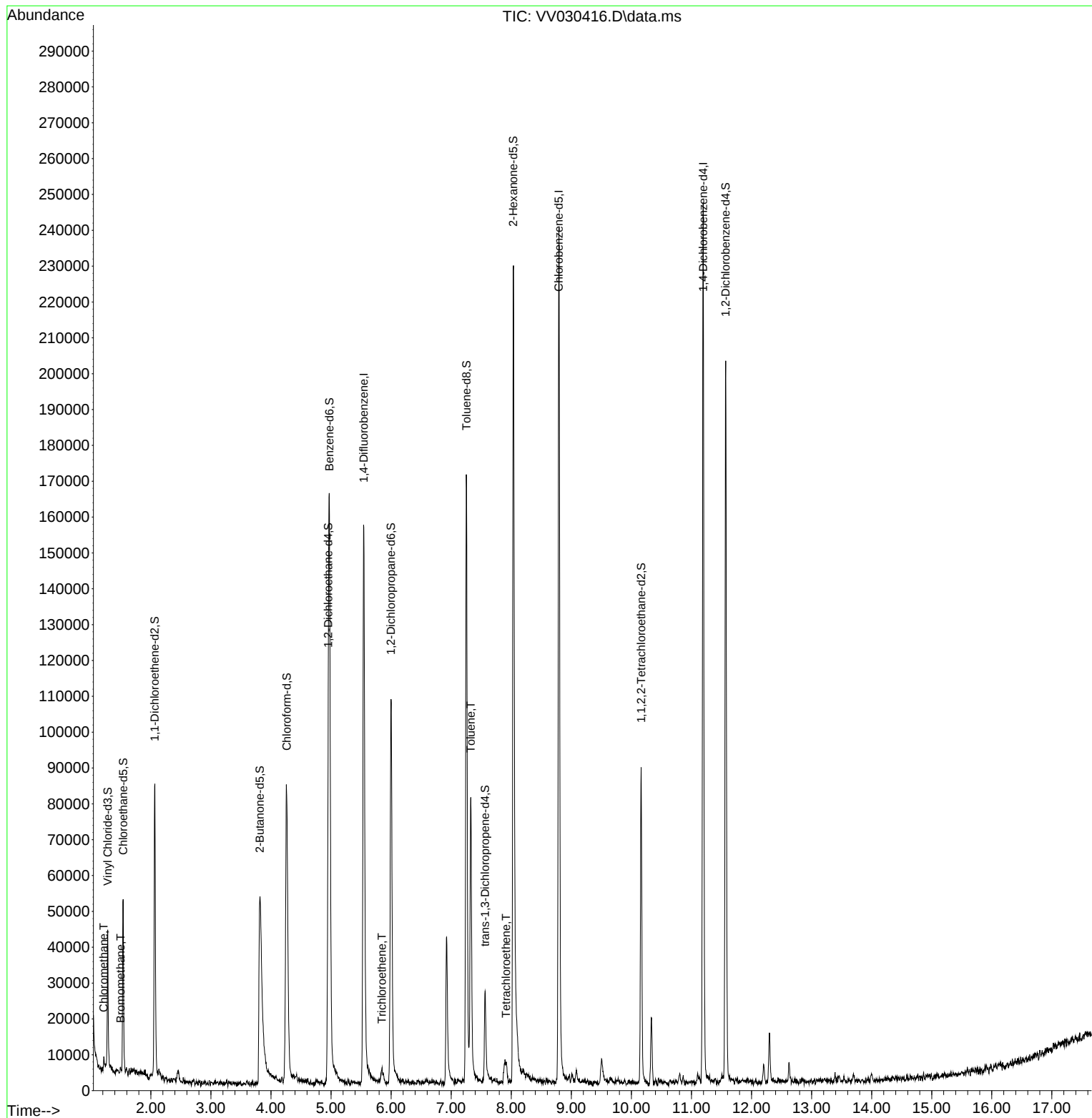
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	132608	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	22501	2.562	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	51.200%	
7) Chloroethane-d5	1.539	69	29626	3.476	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.600%	
11) 1,1-Dichloroethene-d2	2.063	63	44945	2.157	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	43.200%#	
20) 2-Butanone-d5	3.815	46	111020	48.906	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.820%	
24) Chloroform-d	4.262	84	87895	4.135	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
26) 1,2-Dichloroethane-d4	4.953	65	46960	4.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
32) Benzene-d6	4.973	84	141809	3.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	5.998	67	48177	4.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.252	98	115192	3.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.000%#	
43) trans-1,3-Dichloroprop...	7.564	79	15183	3.495	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.800%	
46) 2-Hexanone-d5	8.034	63	80973	46.386	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.780%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39326	4.324	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.400%	
66) 1,2-Dichlorobenzene-d4	11.570	152	51930	4.544	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	3221	0.151	ug/L	100
6) Bromomethane	1.497	94	679	0.154	ug/L	79
34) Trichloroethene	5.847	95	1137	0.091	ug/L #	86
42) Toluene	7.326	91	56813	1.148	ug/L	99
47) Tetrachloroethene	7.915	164	1361	0.123	ug/L	89

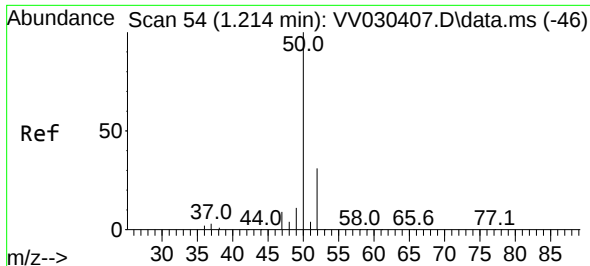
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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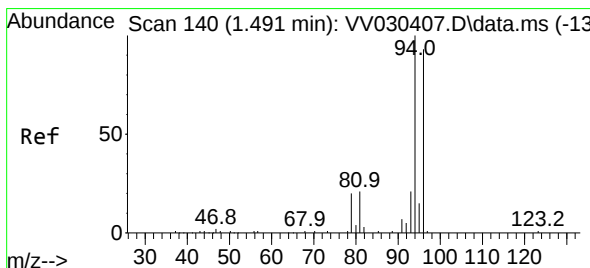
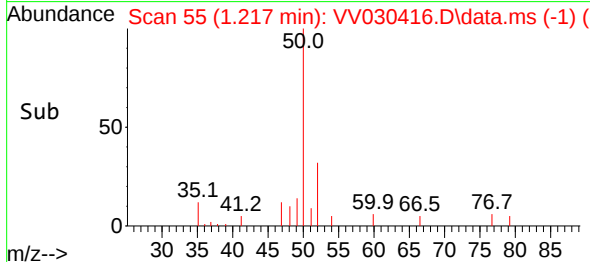
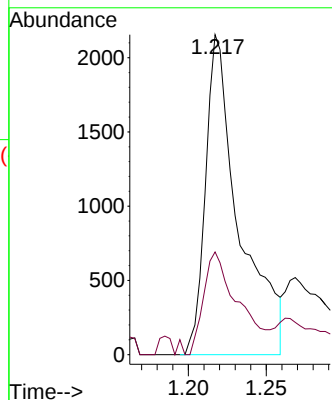
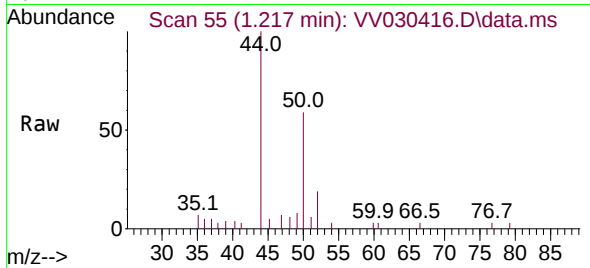




#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030416.D
Acq: 06 Apr 2023 14:35

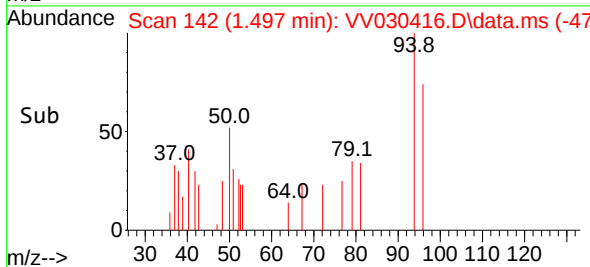
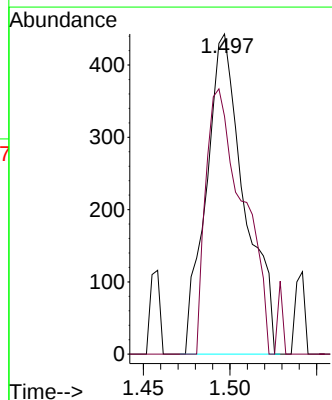
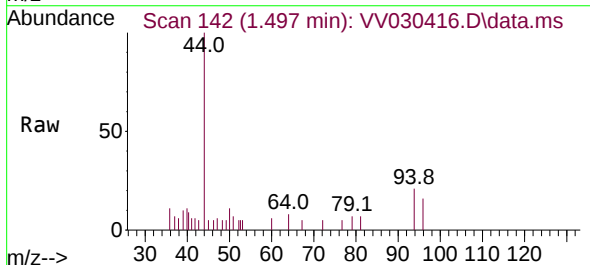
Instrument :
MSVOA_V
ClientSampleId :
BHDx0

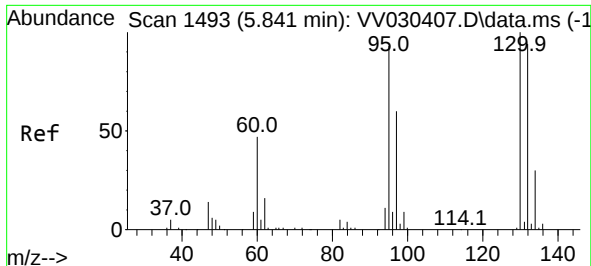
Tgt Ion: 50 Resp: 3221
Ion Ratio Lower Upper
50 100
52 32.1 22.3 41.5



#6
Bromomethane
Concen: 0.154 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030416.D
Acq: 06 Apr 2023 14:35

Tgt Ion: 94 Resp: 679
Ion Ratio Lower Upper
94 100
96 74.3 66.1 122.7



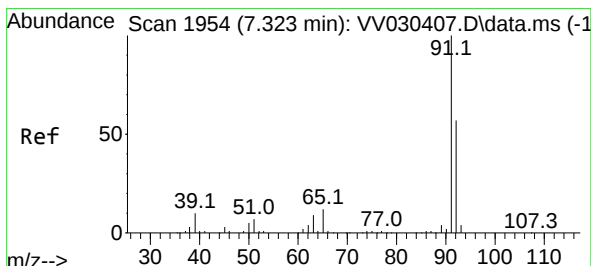
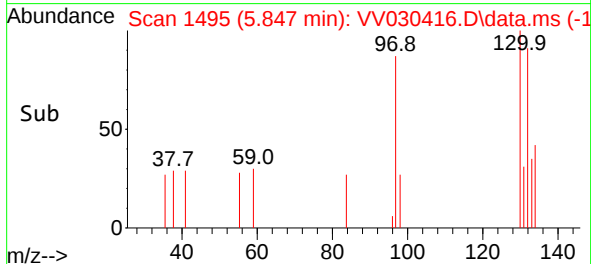
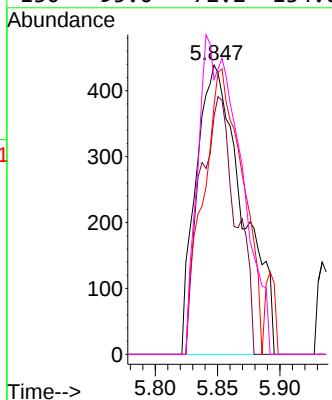
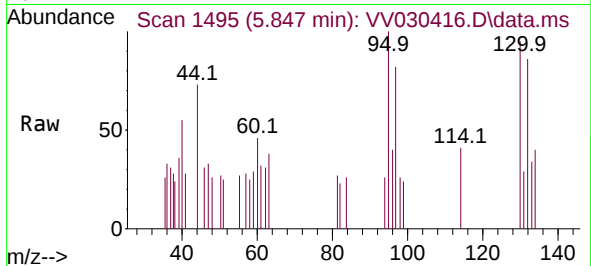


#34
 Trichloroethene
 Concen: 0.091 ug/L
 RT: 5.847 min Scan# 1495
 Delta R.T. 0.006 min
 Lab File: VV030416.D
 Acq: 06 Apr 2023 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx0

Tgt Ion: 95 Resp: 1137

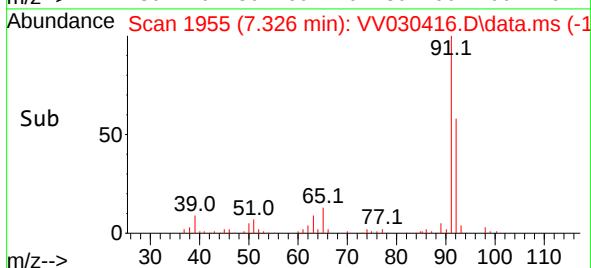
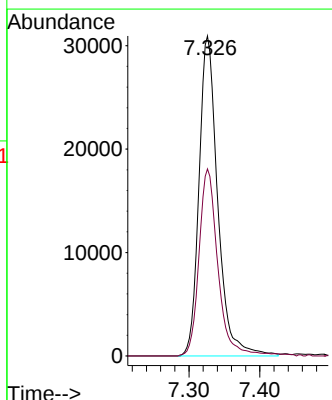
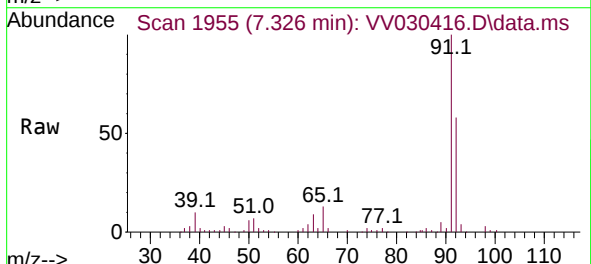
Ion	Ratio	Lower	Upper
95	100		
97	82.2	44.2	82.2#
132	86.1	69.5	129.1
130	95.0	72.2	134.0

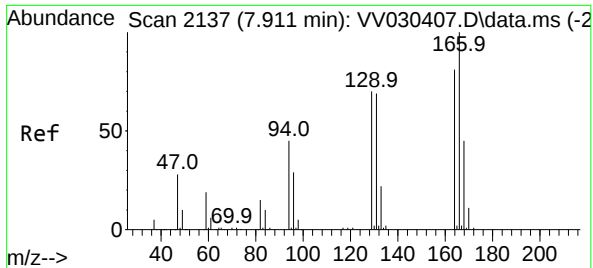


#42
 Toluene
 Concen: 1.148 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.003 min
 Lab File: VV030416.D
 Acq: 06 Apr 2023 14:35

Tgt Ion: 91 Resp: 56813

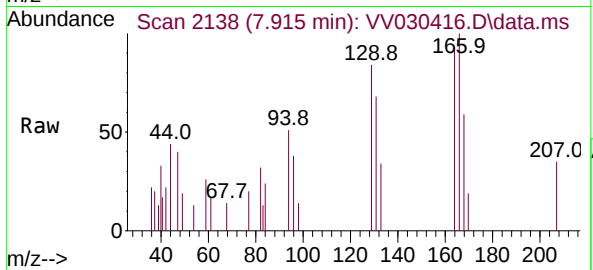
Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.4	75.0





#47
 Tetrachloroethene
 Concen: 0.123 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030416.D
 Acq: 06 Apr 2023 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx0



Tgt Ion:	164	Resp:	1361
Ion	Ratio	Lower	Upper
164	100		
129	89.7	60.8	112.8
131	72.7	61.7	114.7
166	107.3	85.6	159.0

