

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030415.D
 Acq On : 06 Apr 2023 14:12
 Operator : SY/MD
 Sample : 02194-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDW9

Quant Time: Apr 07 04:50:45 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)

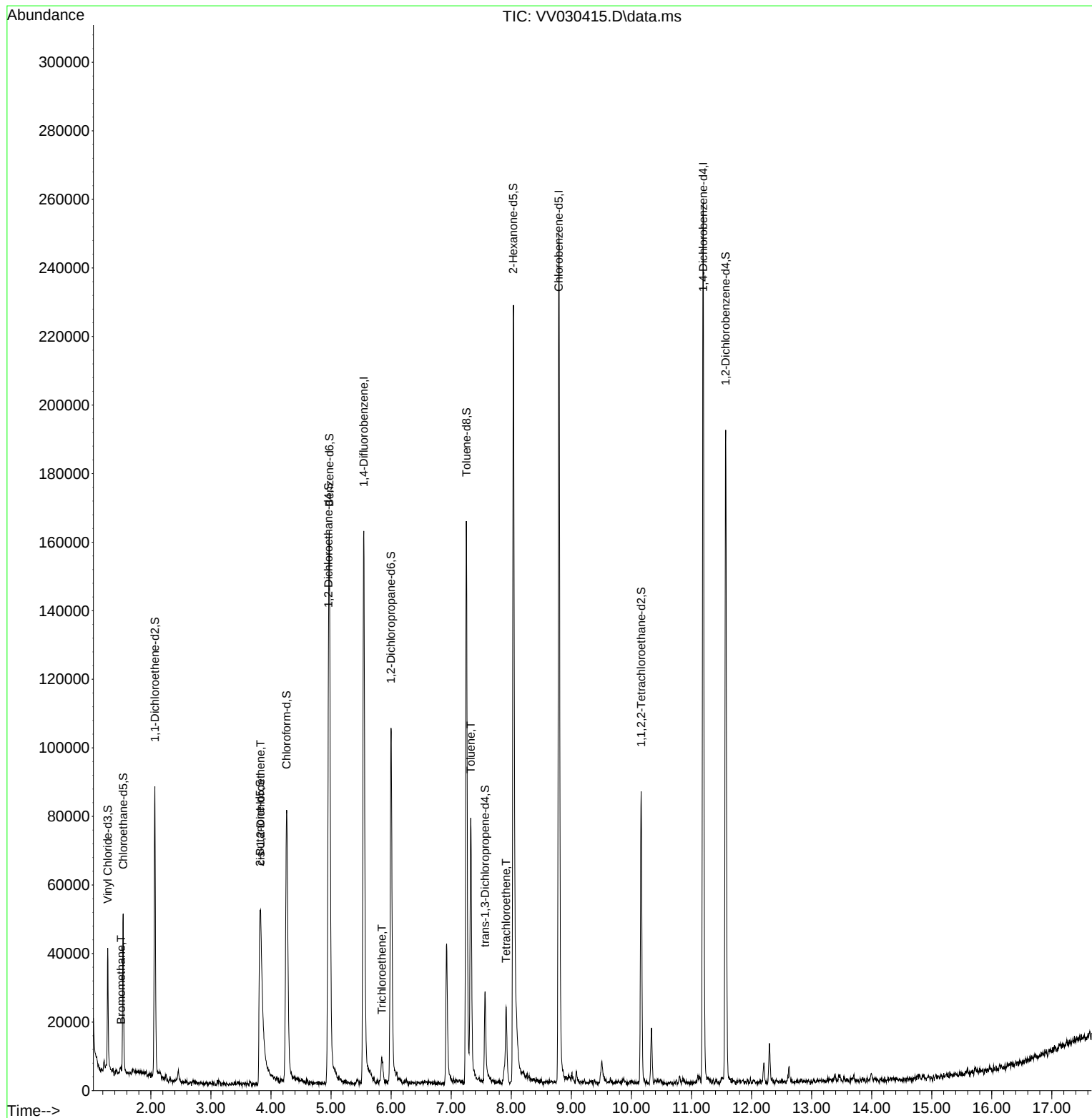
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	136950	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	136563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67604	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	23252	2.564	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	51.200%
7) Chloroethane-d5	1.539	69	28247	3.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.200%#
11) 1,1-Dichloroethene-d2	2.066	63	43698	2.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.600%#
20) 2-Butanone-d5	3.818	46	115068	49.082	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.160%
24) Chloroform-d	4.259	84	83944	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
26) 1,2-Dichloroethane-d4	4.956	65	45218	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.973	84	135253	3.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.200%
36) 1,2-Dichloropropane-d6	5.998	67	47104	3.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.252	98	111761	3.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
43) trans-1,3-Dichloroprop...	7.564	79	14930	3.291	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.034	63	81406	44.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38542	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	50064	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
6) Bromomethane	1.503	94	653	0.143	ug/L	95
22) cis-1,2-Dichloroethene	3.825	96	2204	0.182	ug/L	92
34) Trichloroethene	5.847	95	2397	0.183	ug/L	82
42) Toluene	7.326	91	55433	1.073	ug/L	98
47) Tetrachloroethene	7.915	164	5200	0.450	ug/L	87

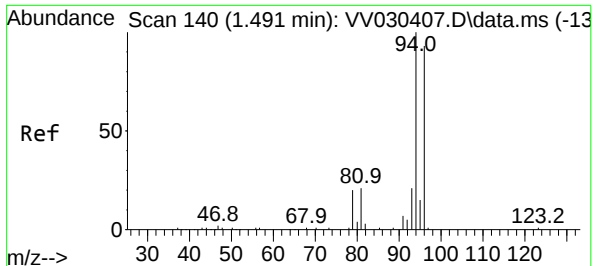
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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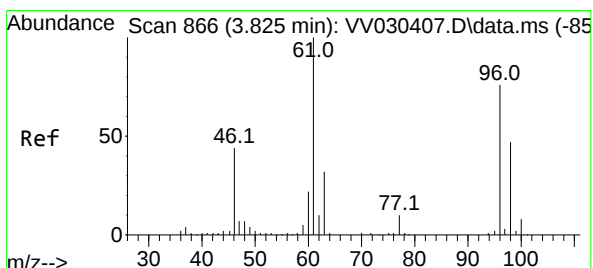
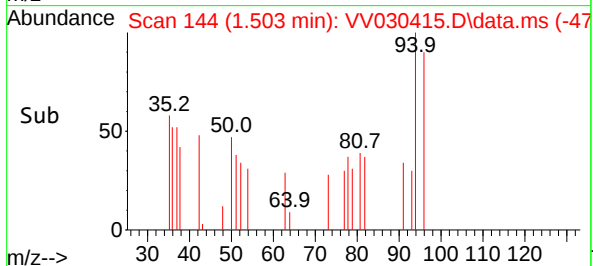
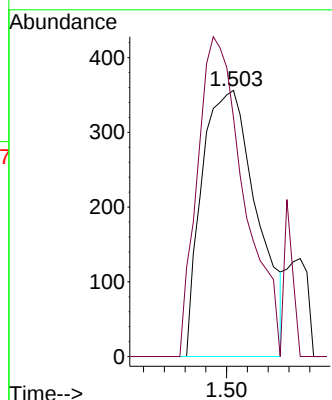
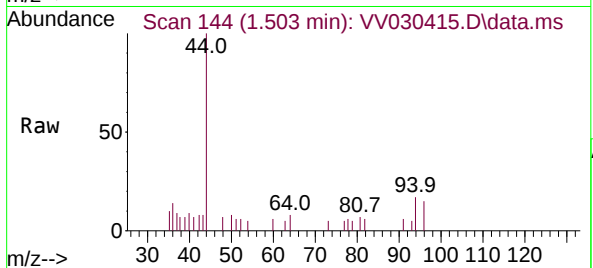




#6
Bromomethane
Concen: 0.143 ug/L
RT: 1.503 min Scan# 140
Delta R.T. 0.013 min
Lab File: VV030415.D
Acq: 06 Apr 2023 14:12

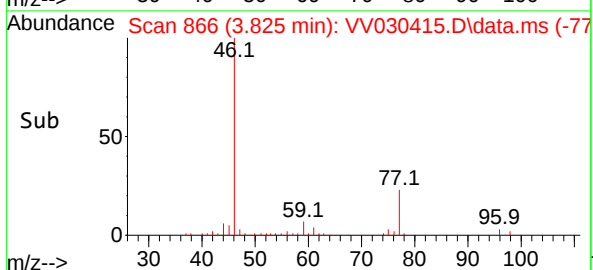
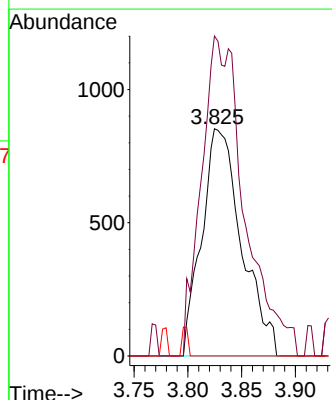
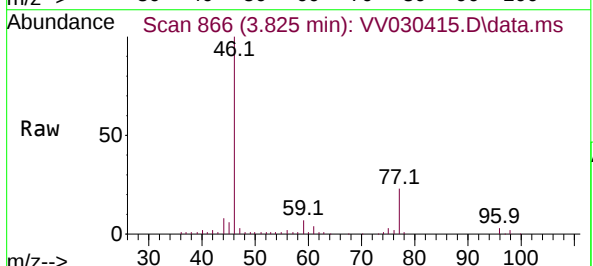
Instrument :
MSVOA_V
ClientSampleId :
BHDW9

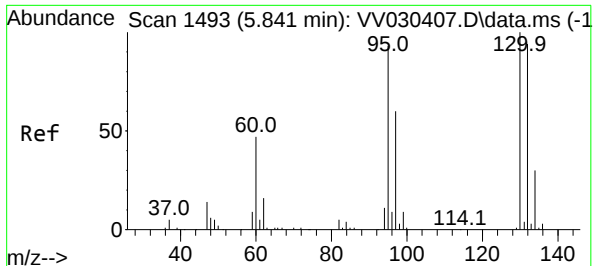
Tgt Ion: 94 Resp: 653
Ion Ratio Lower Upper
94 100
96 89.9 66.1 122.7



#22
cis-1,2-Dichloroethene
Concen: 0.182 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV030415.D
Acq: 06 Apr 2023 14:12

Tgt Ion: 96 Resp: 2204
Ion Ratio Lower Upper
96 100
61 140.8 92.0 170.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.183 ug/L

RT: 5.847 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV030415.D

Acq: 06 Apr 2023 14:12

Instrument :

MSVOA_V

ClientSampleId :

BHDW9

Tgt Ion: 95 Resp: 2397

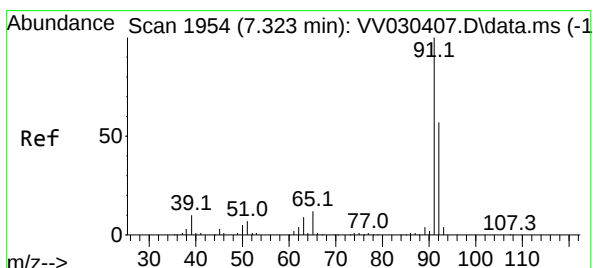
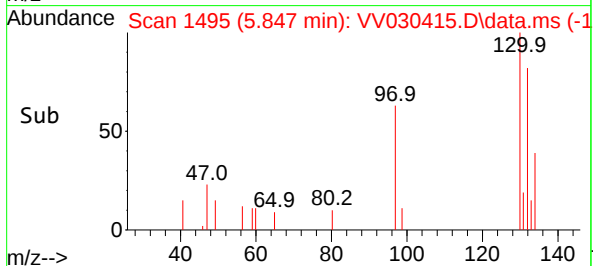
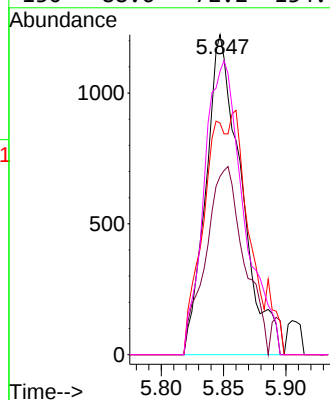
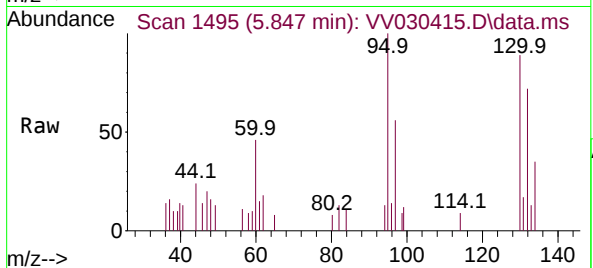
Ion Ratio Lower Upper

95 100

97 55.7 44.2 82.2

132 72.4 69.5 129.1

130 88.6 72.2 134.0



#42

Toluene

Concen: 1.073 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VV030415.D

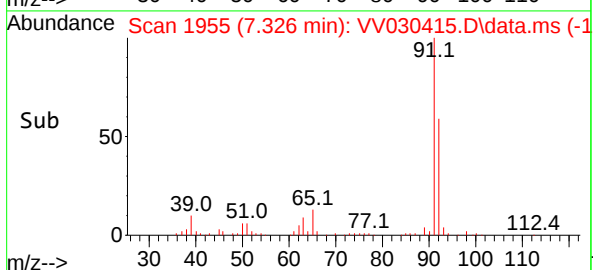
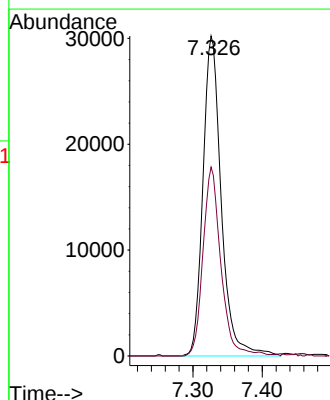
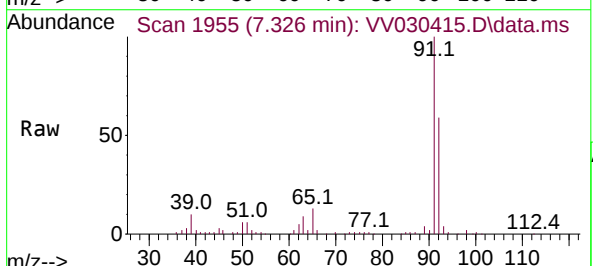
Acq: 06 Apr 2023 14:12

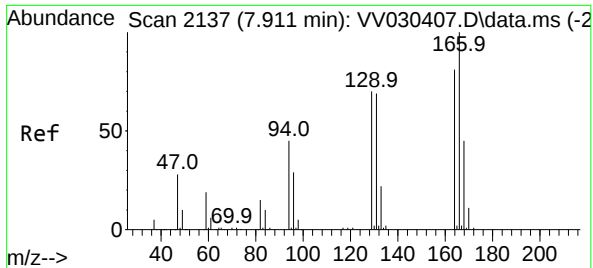
Tgt Ion: 91 Resp: 55433

Ion Ratio Lower Upper

91 100

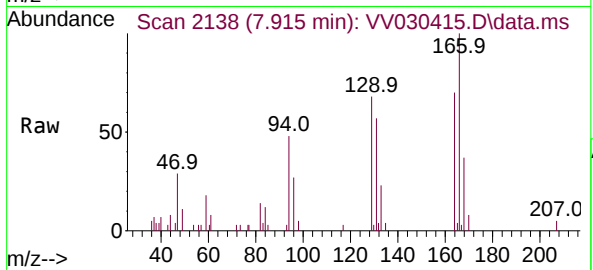
92 59.0 40.4 75.0





#47
 Tetrachloroethene
 Concen: 0.450 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030415.D
 Acq: 06 Apr 2023 14:12

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	164	Resp:	5200
Ion	Ratio	Lower	Upper
164	100		
129	97.0	60.8	112.8
131	81.4	61.7	114.7
166	141.9	85.6	159.0

