

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029314.D
 Acq On : 23 Nov 2022 23:31
 Operator : SY/MD
 Sample : N5652-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1M5

Quant Time: Nov 24 01:53:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

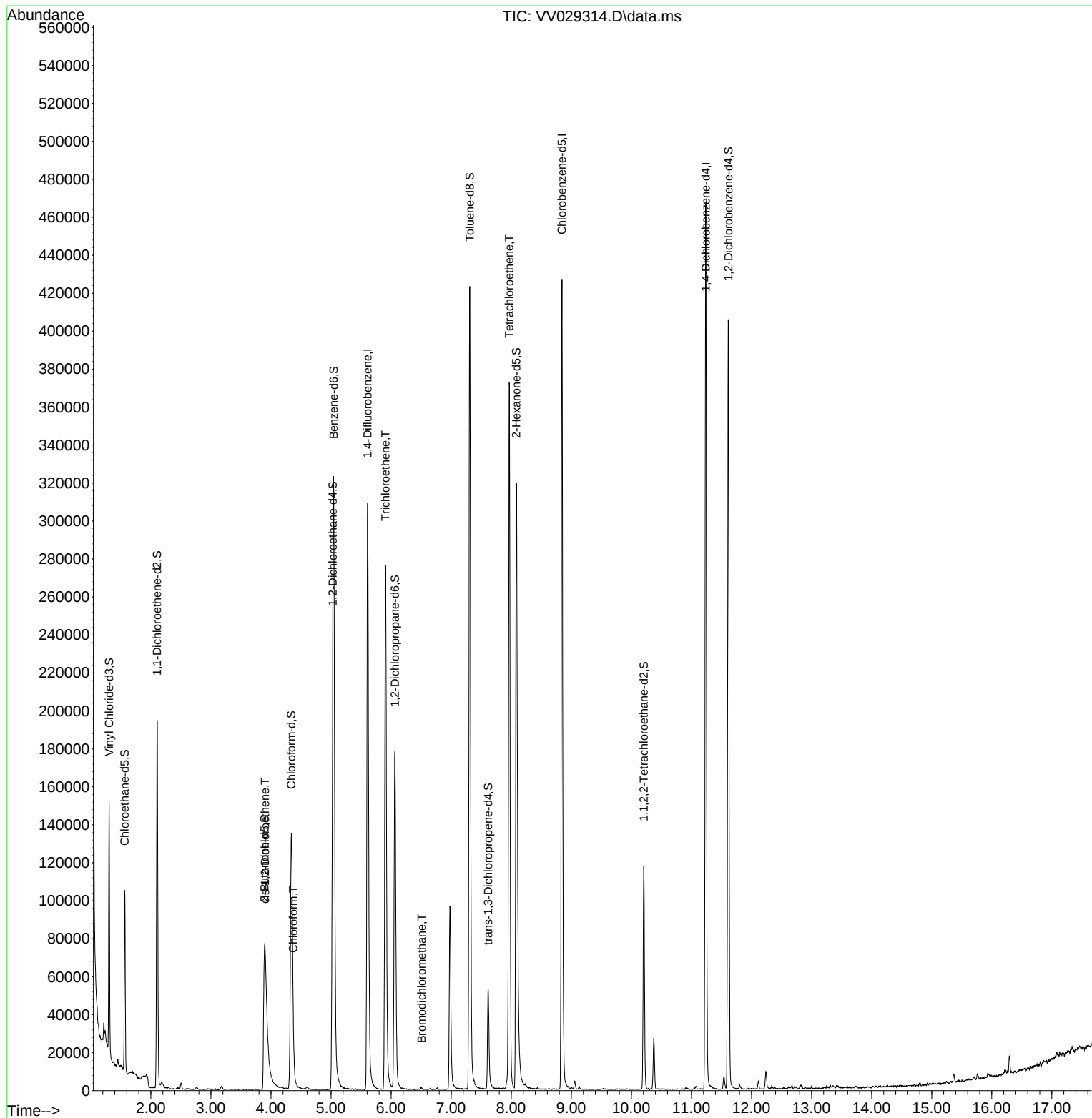
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	287475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	250274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	130729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83063	4.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.564	69	62220	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.104	63	99061	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.892	46	139401	47.102	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.200%
24) Chloroform-d	4.339	84	146426	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.027	65	68316	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.043	84	326853	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.063	67	94414	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.310	98	303133	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.616	79	35230	4.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.085	63	118426	44.335	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.680%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	56473	4.709	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	110663	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.902	96	5634	0.290	ug/L	85
25) Chloroform	4.368	83	13891	0.436	ug/L	92
34) Trichloroethene	5.905	95	99868	5.230	ug/L	98
38) Bromodichloromethane	6.509	83	1032	0.049	ug/L #	92
47) Tetrachloroethene	7.966	164	86324	5.515	ug/L	96

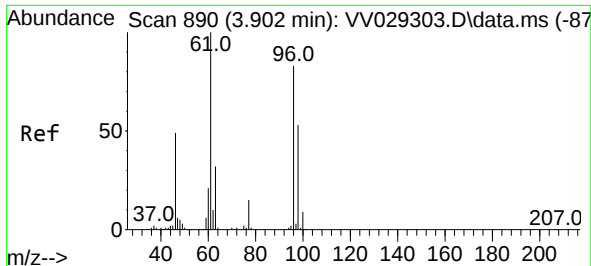
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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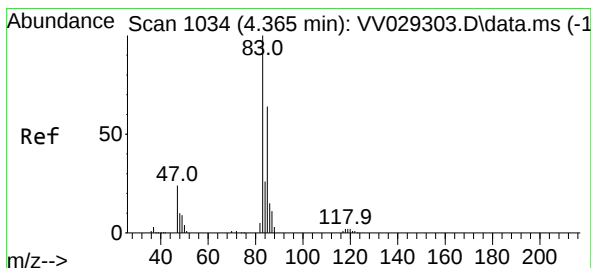
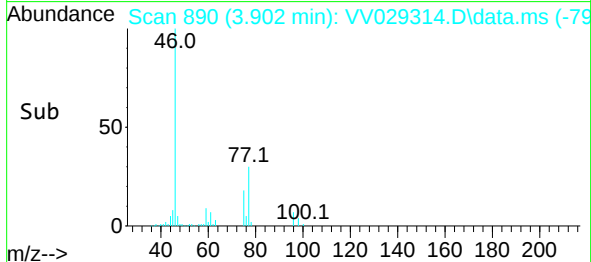
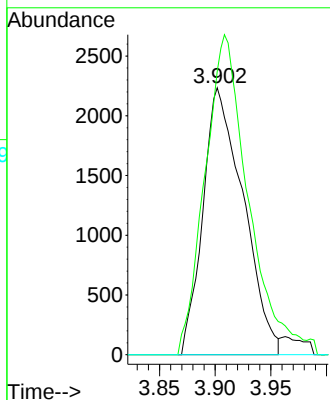
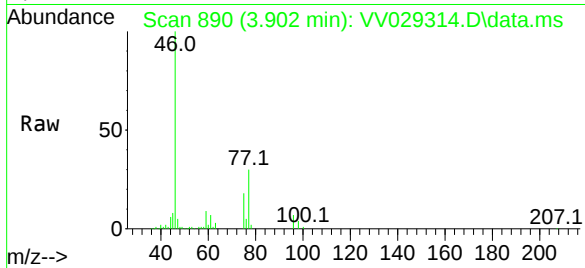




#22
 cis-1,2-Dichloroethene
 Concen: 0.290 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029314.D
 Acq: 23 Nov 2022 23:31

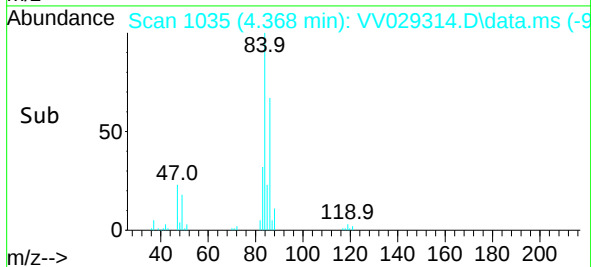
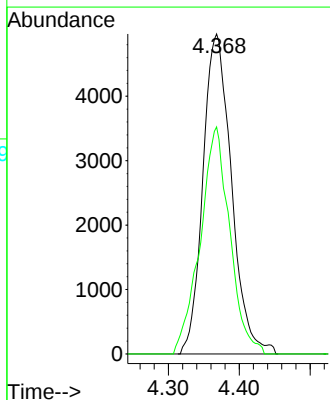
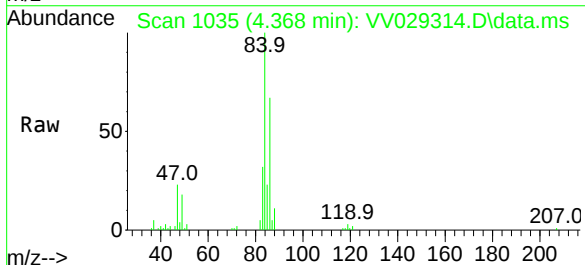
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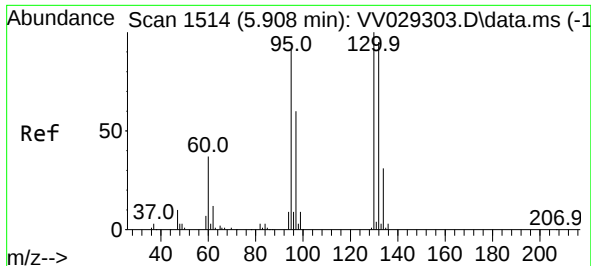
Tgt Ion: 96 Resp: 5634
 Ion Ratio Lower Upper
 96 100
 61 106.2 85.8 159.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.436 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VV029314.D
 Acq: 23 Nov 2022 23:31

Tgt Ion: 83 Resp: 13891
 Ion Ratio Lower Upper
 83 100
 85 71.0 45.4 84.4

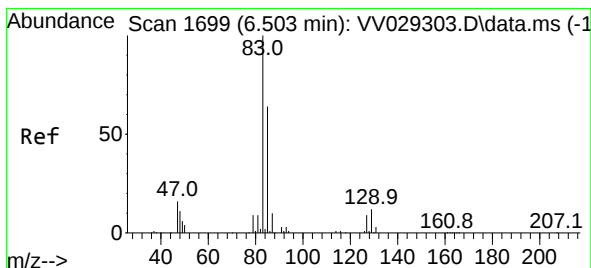
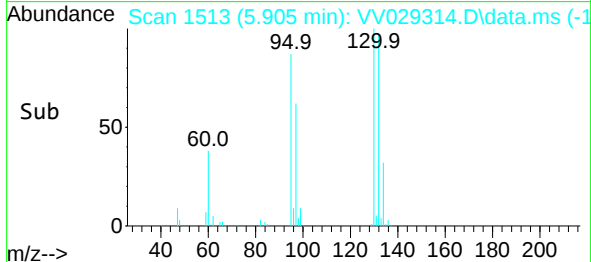
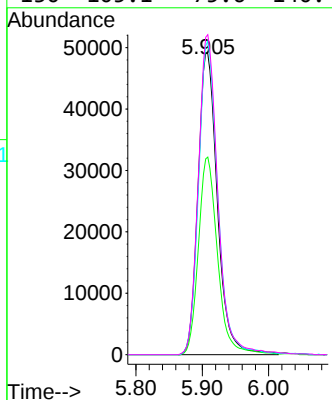
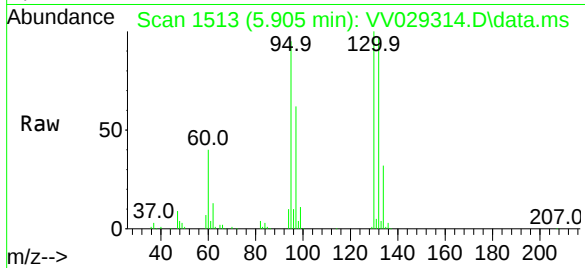




#34
Trichloroethene
Concen: 5.230 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

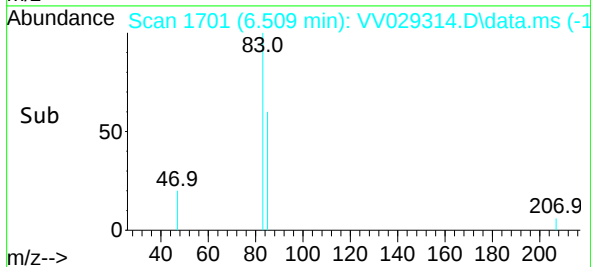
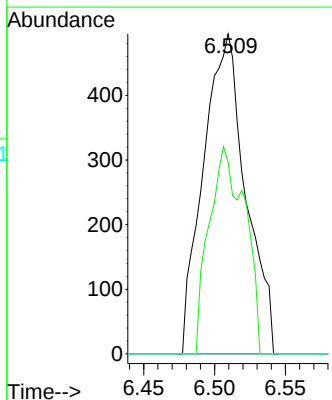
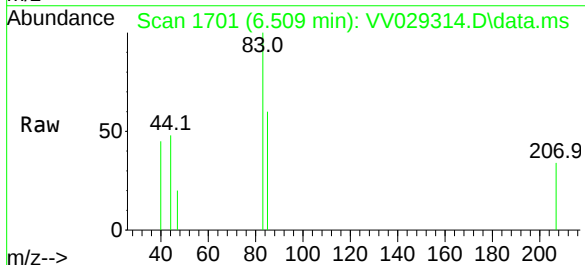
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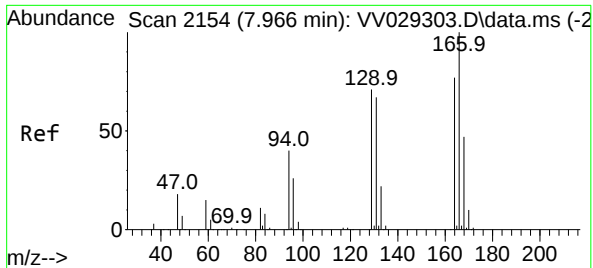
Tgt Ion:	95	Resp:	99868
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.4
132	102.3	73.3	136.1
130	105.1	75.6	140.4



#38
Bromodichloromethane
Concen: 0.049 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VV029314.D
Acq: 23 Nov 2022 23:31

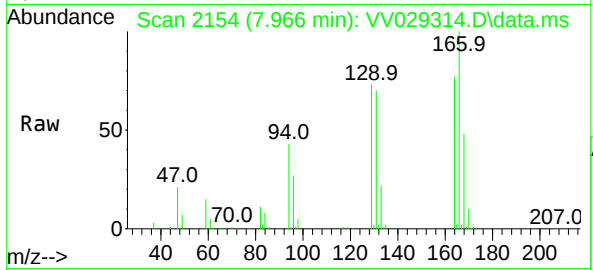
Tgt Ion:	83	Resp:	1032
Ion	Ratio	Lower	Upper
83	100		
85	60.0	44.7	83.1
127	0.0	7.4	11.2





#47
 Tetrachloroethene
 Concen: 5.515 ug/L
 RT: 7.966 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029314.D
 Acq: 23 Nov 2022 23:31

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 MSVOA_V
 ClientSampleId :
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Tgt Ion:	164	Resp:	86324
Ion	Ratio	Lower	Upper
164	100		
129	94.4	61.7	114.7
131	91.1	62.9	116.9
166	129.8	88.5	164.3

