

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023816.D
 Acq On : 07 Dec 2021 12:32
 Operator : SY/MD
 Sample : M4879-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G36

Quant Time: Dec 08 01:14:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

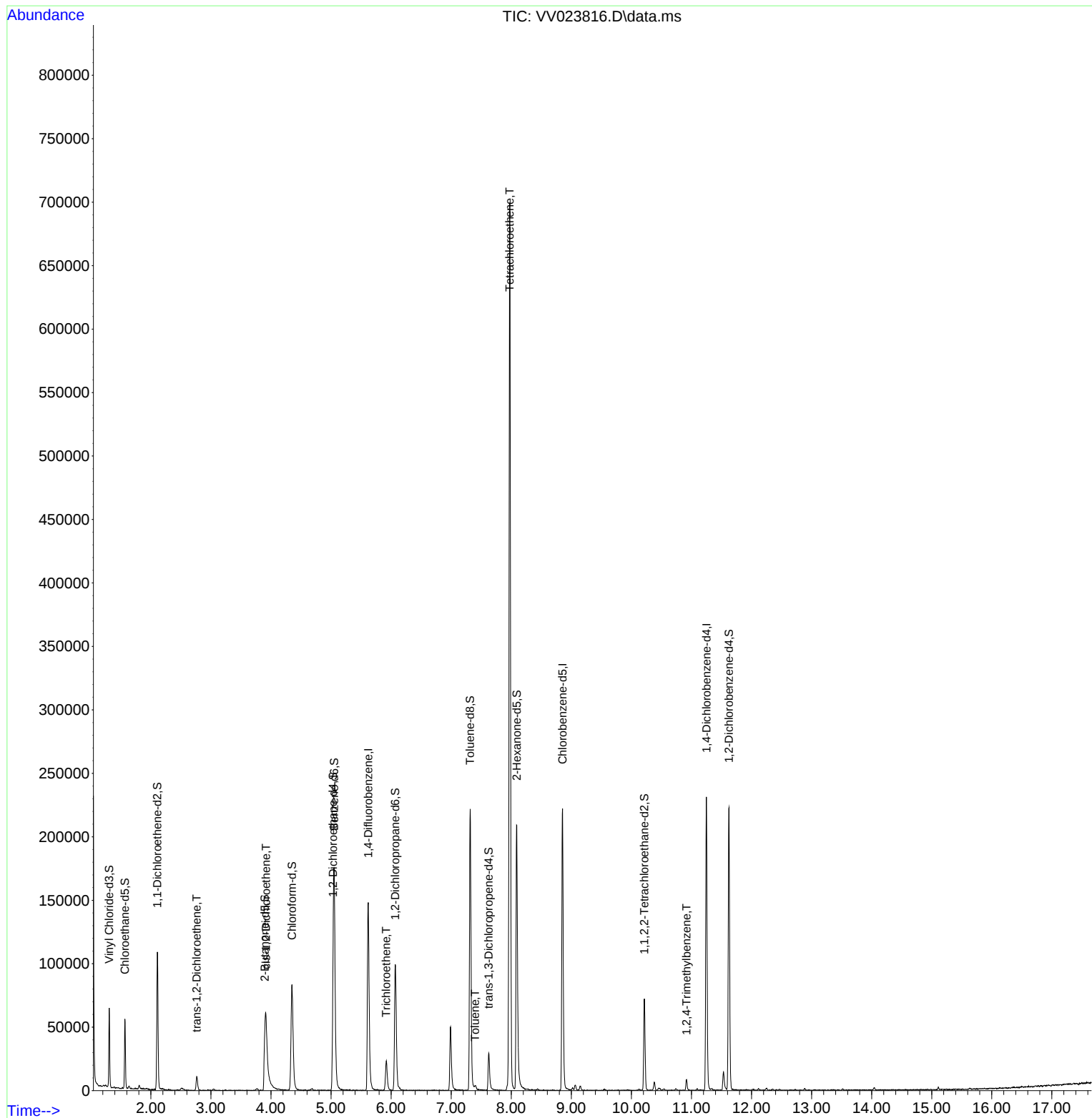
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135440	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37784	3.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.568	69	32667	3.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.108	63	56226	2.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.899	46	87656	65.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.160%#
24) Chloroform-d	4.349	84	83373	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.034	65	42209	4.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.053	84	161527	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	46886	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.317	98	146396	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.625	79	17958	4.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.091	63	78188	60.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32461	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	57551	5.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	2.764	96	3803	0.368	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	16937	1.709	ug/L	97
34) Trichloroethene	5.918	95	7741	0.799	ug/L	93
42) Toluene	7.397	91	3037	0.077	ug/L	99
47) Tetrachloroethene	7.976	164	155239	17.600	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	4954	0.160	ug/L	93

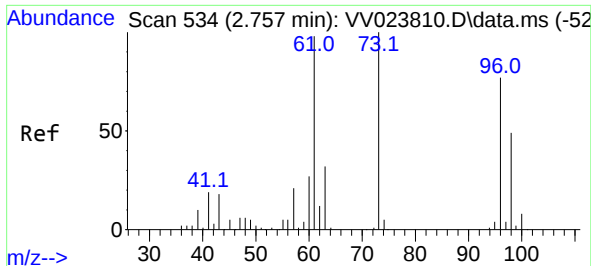
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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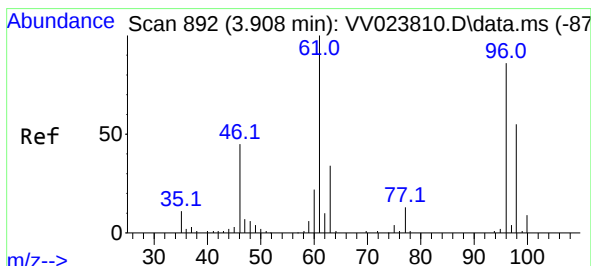
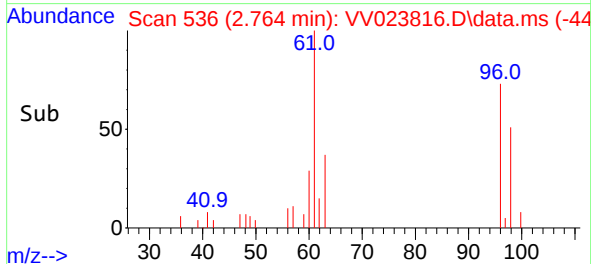
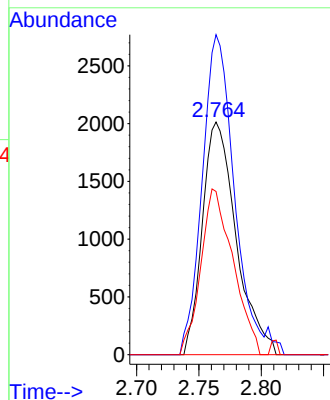
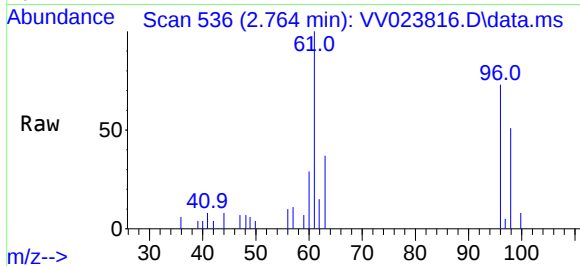




#18
trans-1,2-Dichloroethene
Concen: 0.368 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

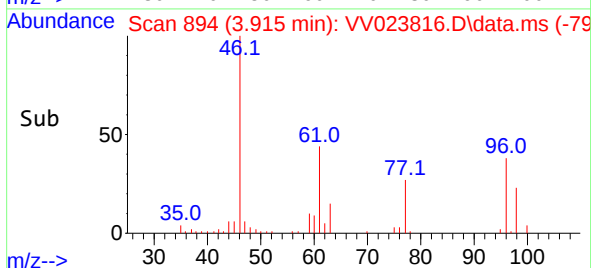
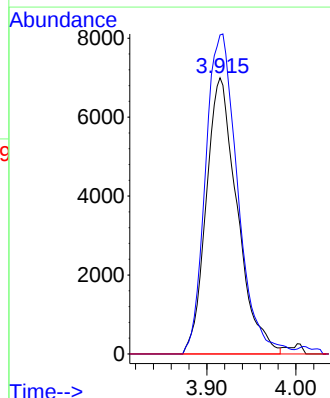
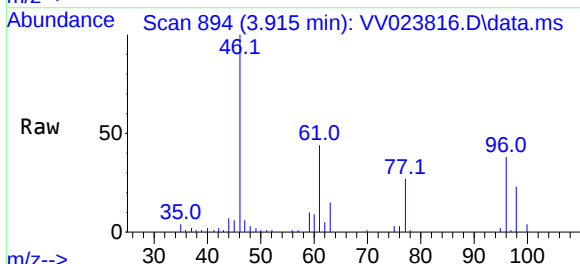
Instrument :
MSVOA_V
ClientSampleId :
C0G36

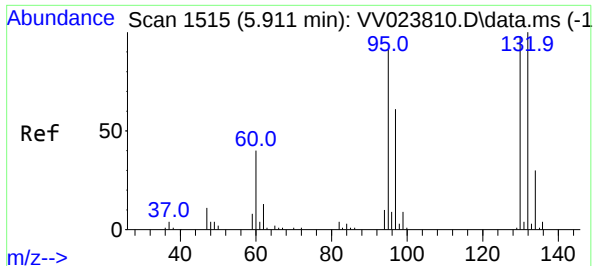
Tgt Ion: 96 Resp: 3803
Ion Ratio Lower Upper
96 100
61 137.5 88.2 163.8
98 70.2 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 1.709 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Tgt Ion: 96 Resp: 16937
Ion Ratio Lower Upper
96 100
61 115.5 83.4 154.8
68 0.0 0.0 0.0

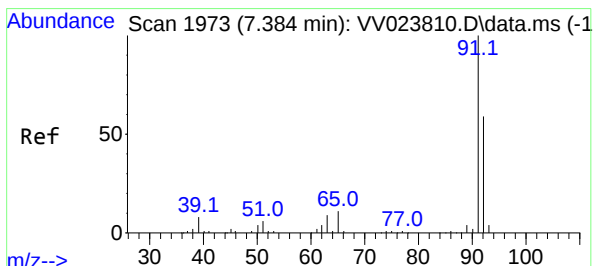
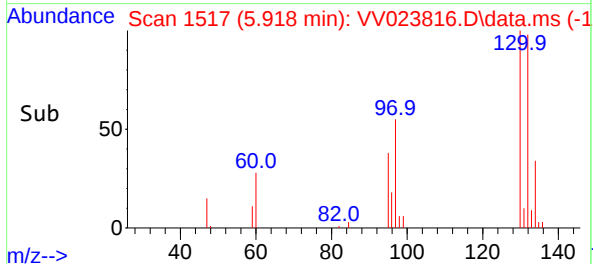
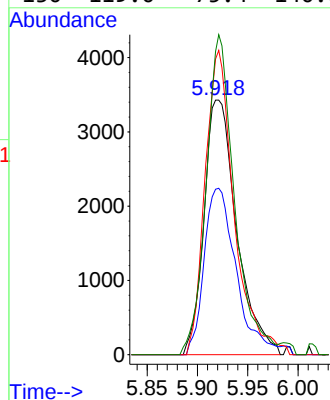
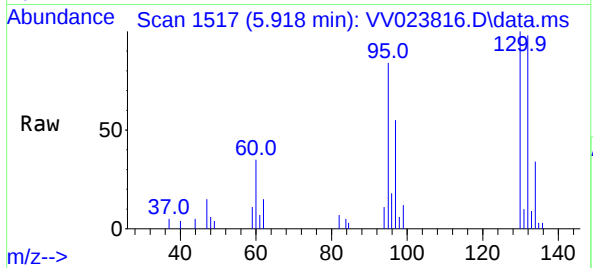




#34
Trichloroethene
Concen: 0.799 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

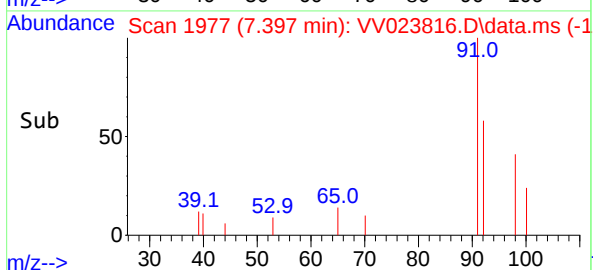
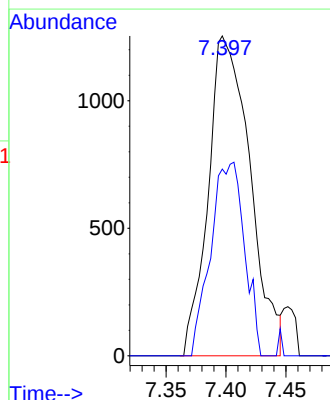
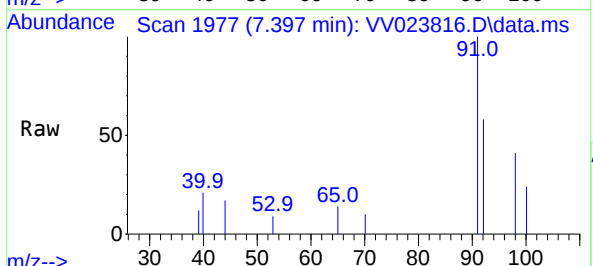
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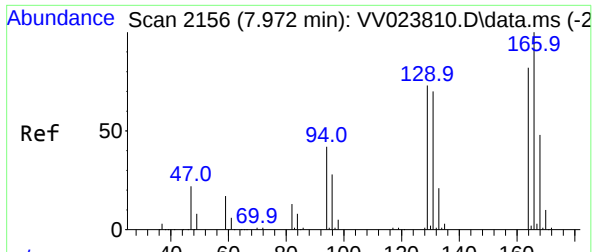
Tgt Ion: 95 Resp: 7741
Ion Ratio Lower Upper
95 100
97 65.0 45.2 84.0
132 116.1 76.1 141.3
130 119.0 75.4 140.0



#42
Toluene
Concen: 0.077 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.013 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Tgt Ion: 91 Resp: 3037
Ion Ratio Lower Upper
91 100
92 58.4 41.5 77.1

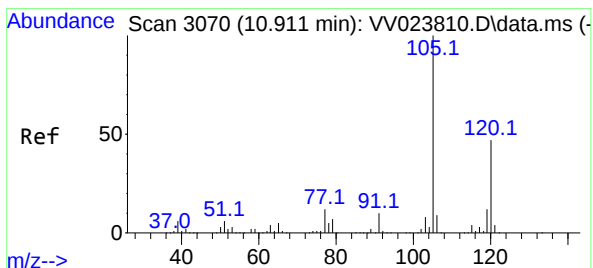
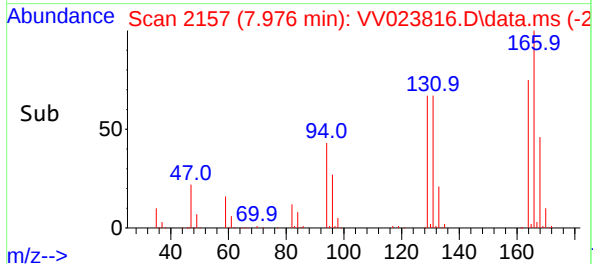
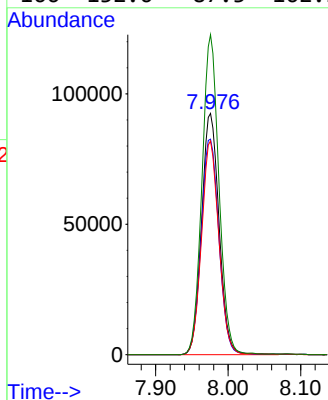
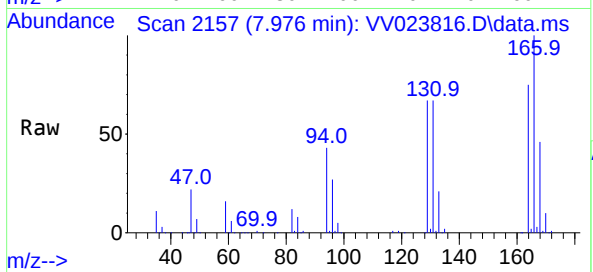




#47
Tetrachloroethene
Concen: 17.600 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

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C0G36

Tgt Ion:164 Resp: 155239
Ion Ratio Lower Upper
164 100
129 89.3 62.6 116.2
131 88.6 61.0 113.4
166 132.6 87.3 162.1



#63
1,2,4-Trimethylbenzene
Concen: 0.160 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Tgt Ion:105 Resp: 4954
Ion Ratio Lower Upper
105 100
120 41.5 36.7 55.1

