

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029700.D
 Acq On : 16 Dec 2022 16:10
 Operator : SY/MD
 Sample : N6034-13DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGPk3DL

Quant Time: Dec 16 20:19:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

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

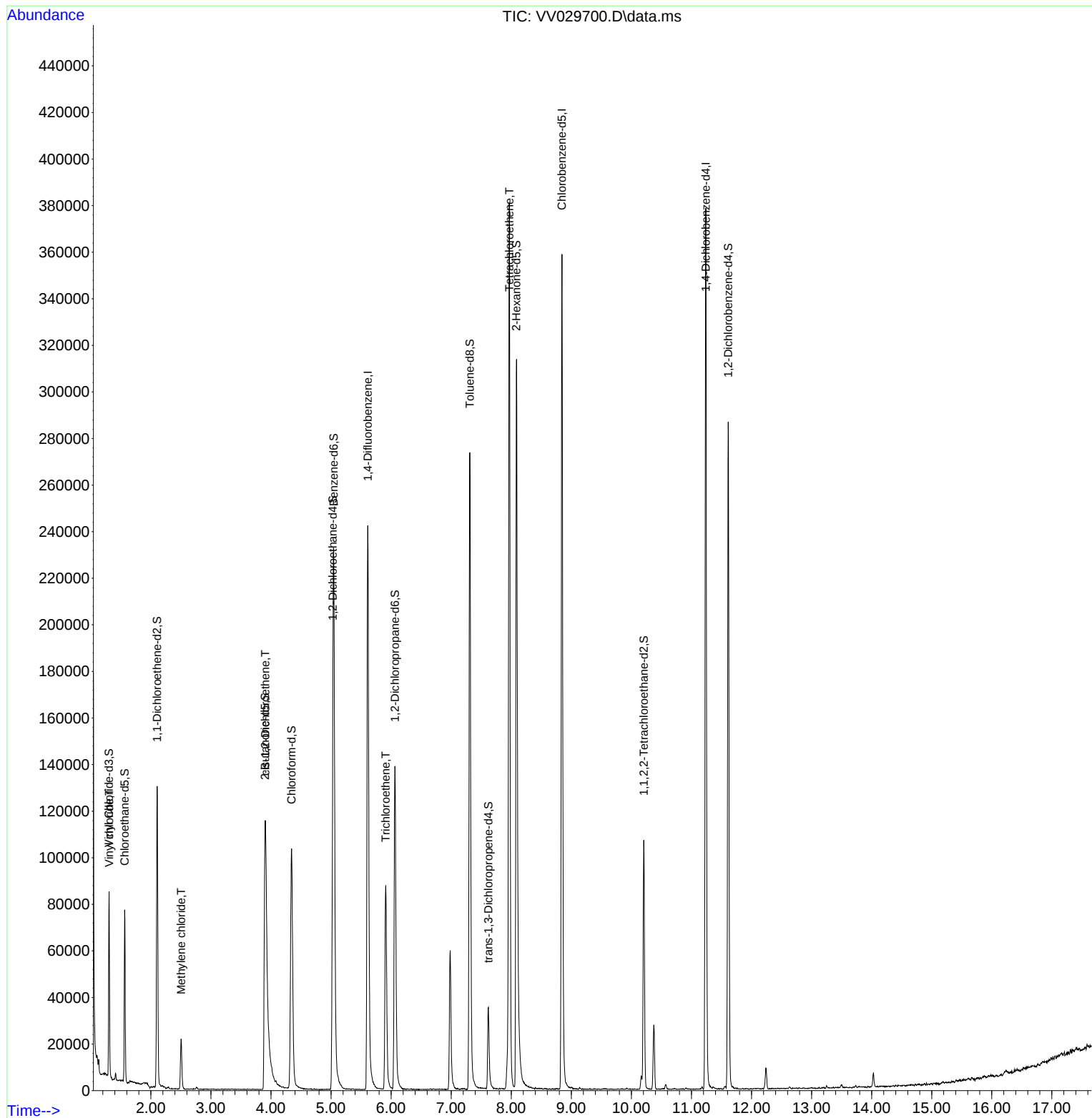
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	228544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	213155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	104784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48781	3.468	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.565	69	46851	4.551	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.105	63	66661	2.962	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	3.902	46	140546	59.735	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.460%
24) Chloroform-d	4.343	84	114146	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.031	65	53049	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.044	84	232199	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.063	67	75493	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.310	98	198319	3.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.619	79	22618	3.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.085	63	125711	55.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.520%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	54477	5.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	78328	4.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
5) Vinyl chloride	1.307	62	2316	0.149	ug/L #	65
16) Methylene chloride	2.503	84	9434	0.525	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	32221	2.089	ug/L	97
34) Trichloroethene	5.908	95	33622	2.067	ug/L	94
47) Tetrachloroethene	7.969	164	90888	6.817	ug/L	97

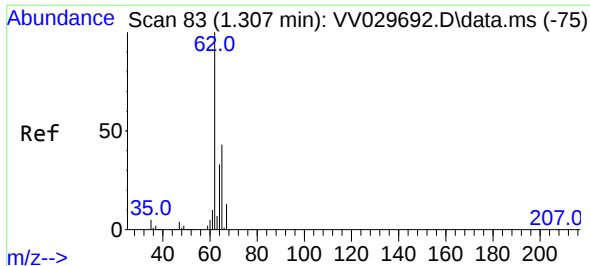
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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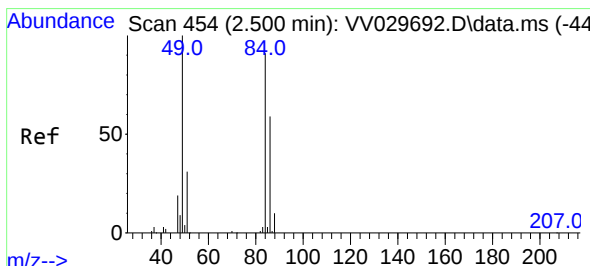
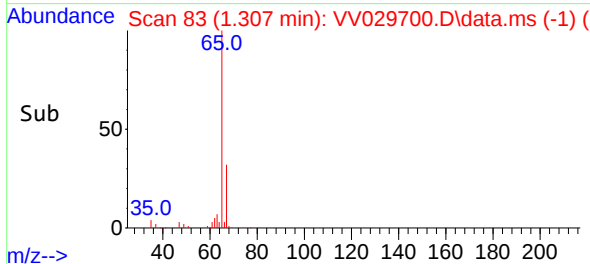
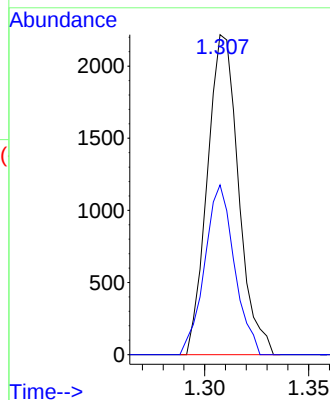
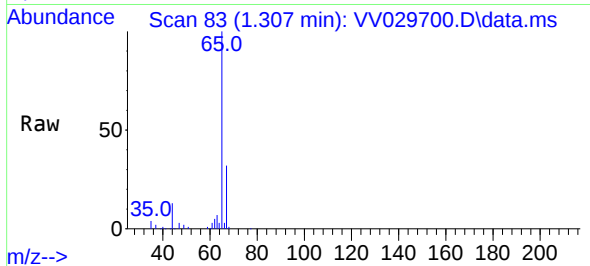




#5
 Vinyl chloride
 Concen: 0.149 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029700.D
 Acq: 16 Dec 2022 16:10

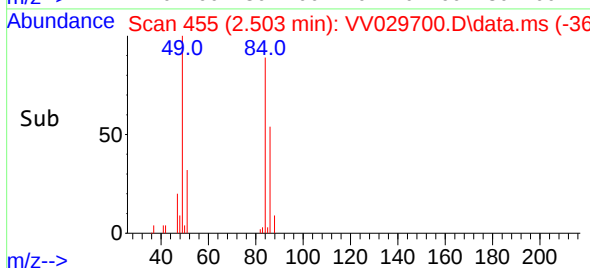
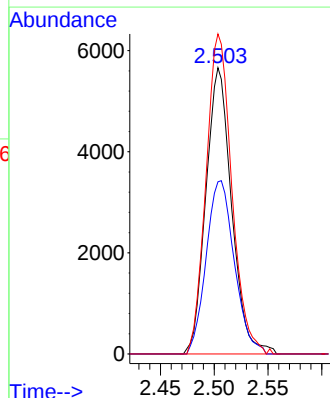
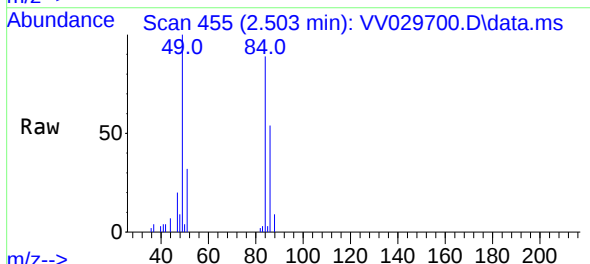
Instrument :
 MSVOA_V
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 BGP3DL

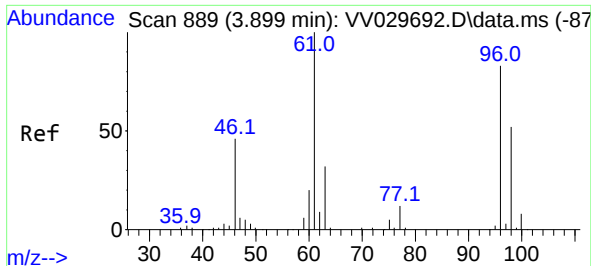
Tgt Ion: 62 Resp: 2316
 Ion Ratio Lower Upper
 62 100
 64 53.1 23.4 43.4#



#16
 Methylene chloride
 Concen: 0.525 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. 0.003 min
 Lab File: VV029700.D
 Acq: 16 Dec 2022 16:10

Tgt Ion: 84 Resp: 9434
 Ion Ratio Lower Upper
 84 100
 86 60.2 45.6 84.6
 49 111.8 77.8 144.4

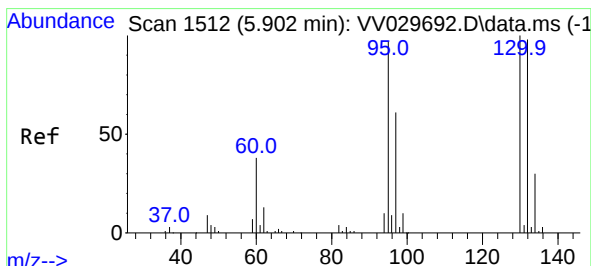
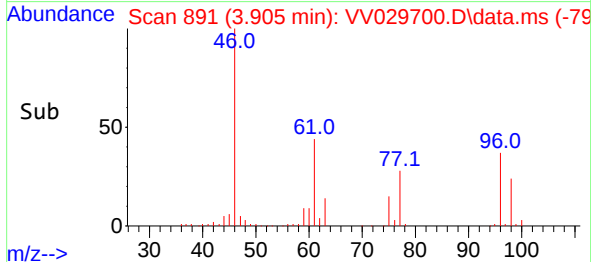
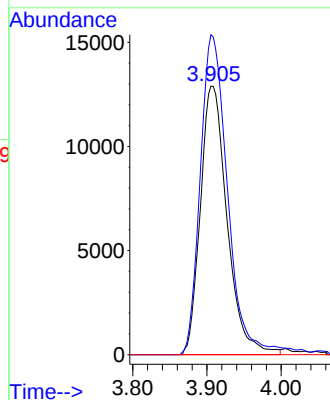
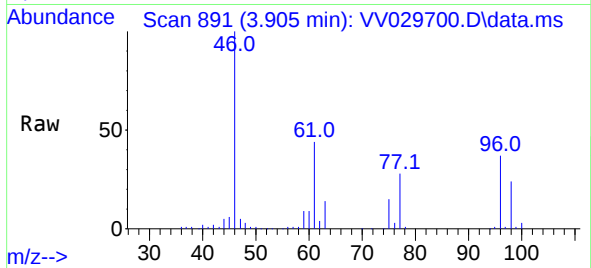




#22
 cis-1,2-Dichloroethene
 Concen: 2.089 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV029700.D
 Acq: 16 Dec 2022 16:10

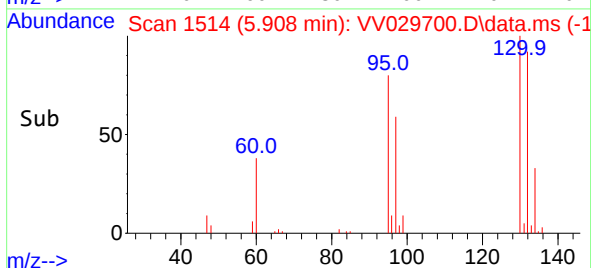
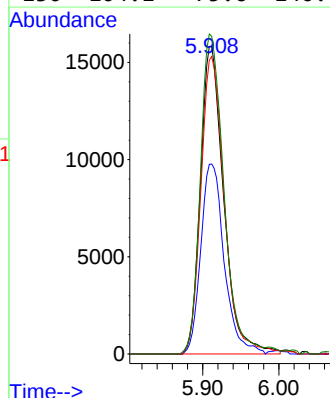
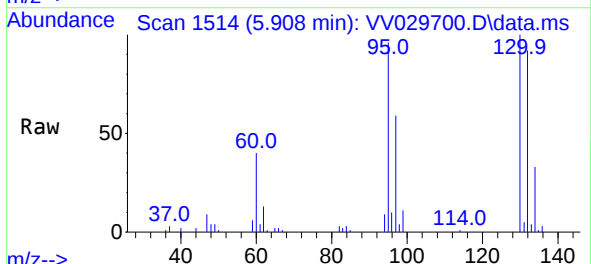
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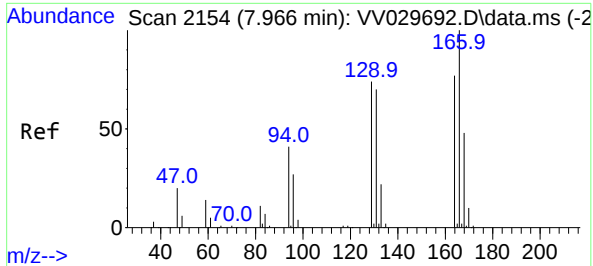
Tgt Ion: 96 Resp: 32221
 Ion Ratio Lower Upper
 96 100
 61 119.1 85.8 159.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.067 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. 0.007 min
 Lab File: VV029700.D
 Acq: 16 Dec 2022 16:10

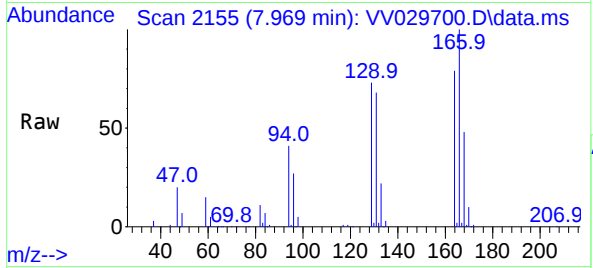
Tgt Ion: 95 Resp: 33622
 Ion Ratio Lower Upper
 95 100
 97 61.7 45.4 84.4
 132 95.6 73.3 136.1
 130 104.1 75.6 140.4





#47
Tetrachloroethene
Concen: 6.817 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.004 min
Lab File: VV029700.D
Acq: 16 Dec 2022 16:10

Instrument : MSVOA_V
ClientSampleId : BGPk3DL



Tgt Ion:164 Resp: 90888

Ion	Ratio	Lower	Upper
164	100		
129	92.4	61.7	114.7
131	85.9	62.9	116.9
166	127.0	88.5	164.3

