

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029701.D
 Acq On : 16 Dec 2022 16:34
 Operator : SY/MD
 Sample : N6034-14DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGPK4DL

Quant Time: Dec 16 20:19:56 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)

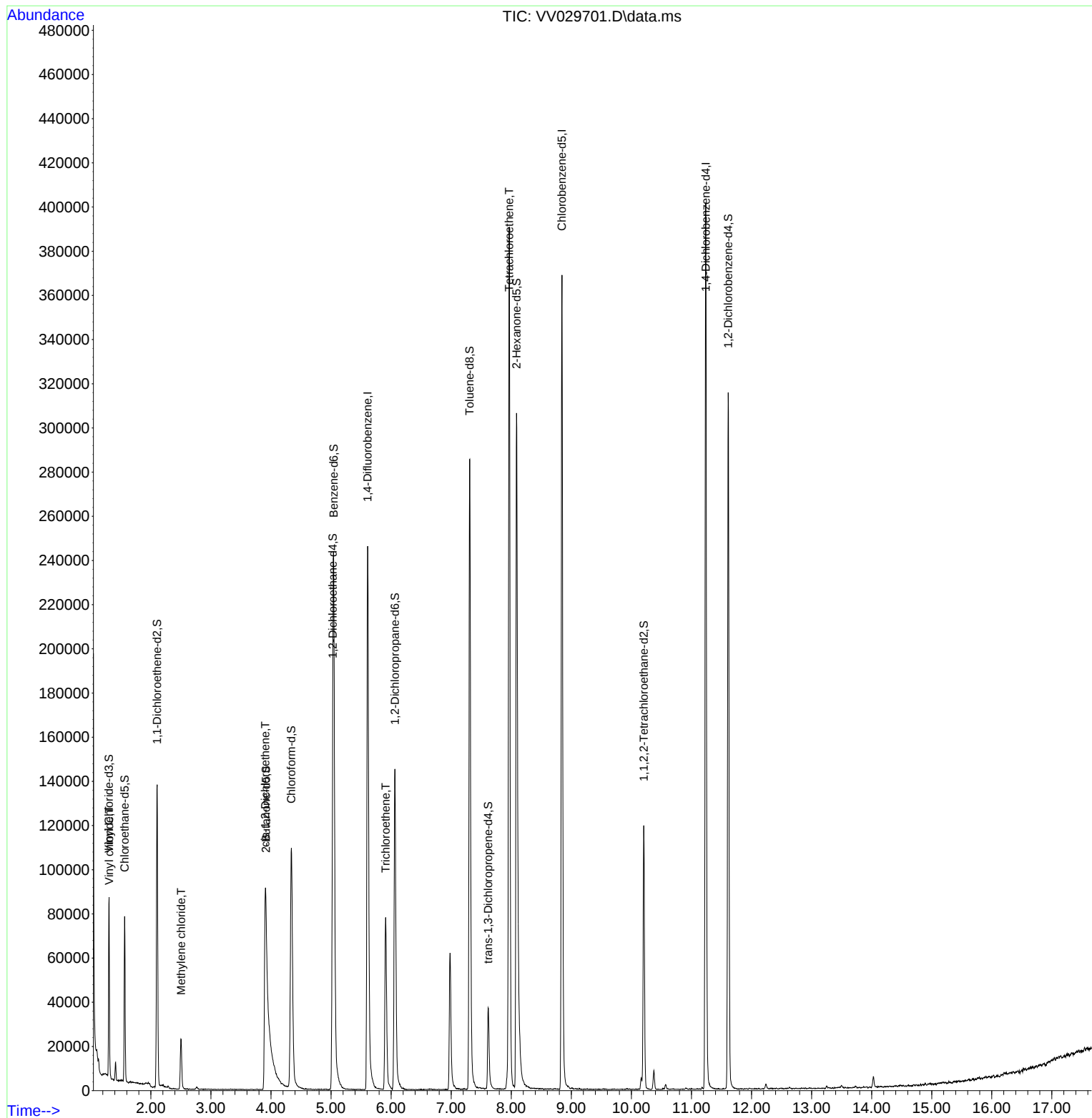
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	236521	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	219150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49724	3.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.564	69	48580	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.101	63	71183	3.056	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.915	46	151234	62.109	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.220%
24) Chloroform-d	4.339	84	120168	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.027	65	57213	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.043	84	242326	4.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.063	67	78072	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.307	98	205494	3.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.616	79	24814	3.782	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.088	63	133517	57.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.160%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60390	5.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	87568	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	2006	0.125	ug/L	# 48
16) Methylene chloride	2.503	84	10039	0.540	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	33001	2.067	ug/L	95
34) Trichloroethene	5.908	95	29204	1.747	ug/L	97
47) Tetrachloroethene	7.966	164	91693	6.690	ug/L	98

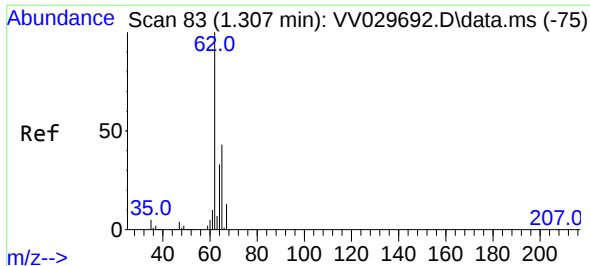
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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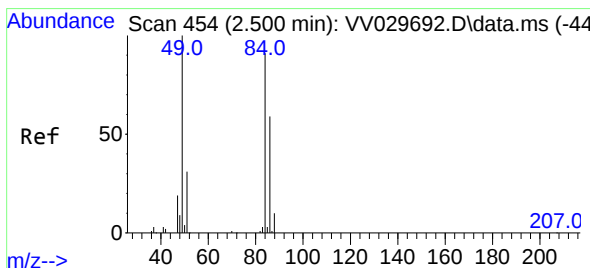
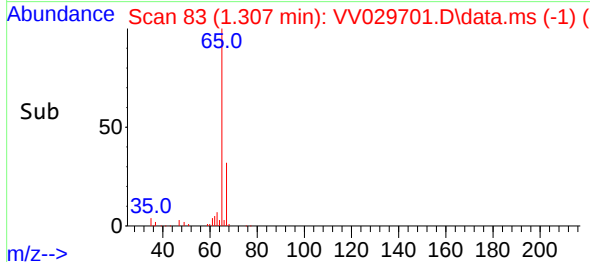
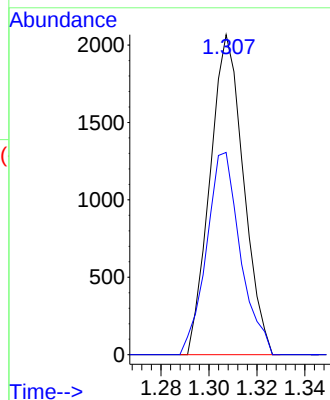
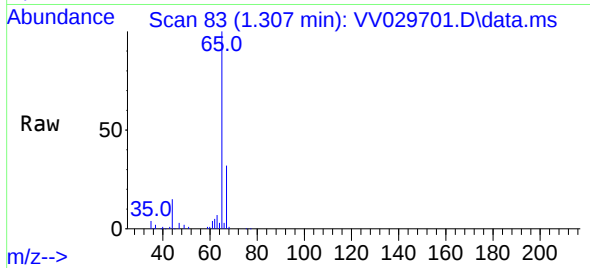




#5
 Vinyl chloride
 Concen: 0.125 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029701.D
 Acq: 16 Dec 2022 16:34

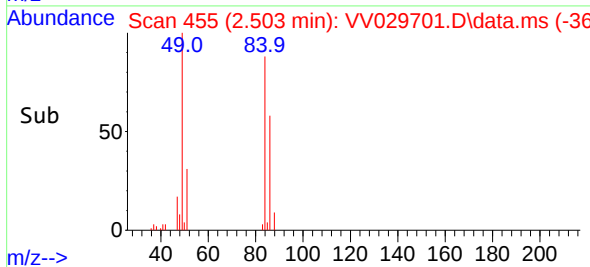
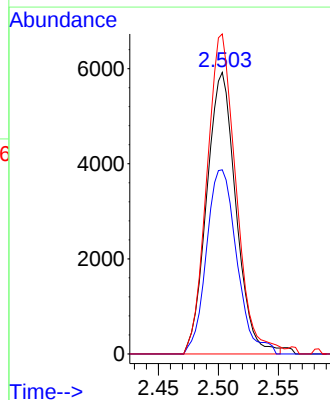
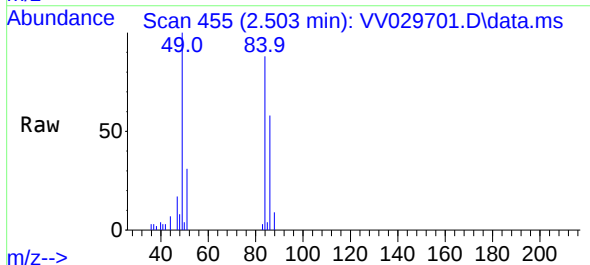
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 MSVOA_V
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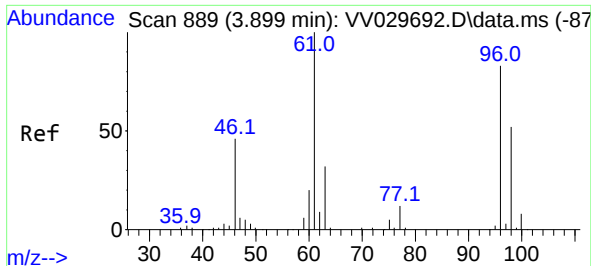
Tgt Ion: 62 Resp: 2006
 Ion Ratio Lower Upper
 62 100
 64 63.2 23.4 43.4#



#16
 Methylene chloride
 Concen: 0.540 ug/L
 RT: 2.503 min Scan# 455
 Delta R.T. 0.003 min
 Lab File: VV029701.D
 Acq: 16 Dec 2022 16:34

Tgt Ion: 84 Resp: 10039
 Ion Ratio Lower Upper
 84 100
 86 65.4 45.6 84.6
 49 113.6 77.8 144.4

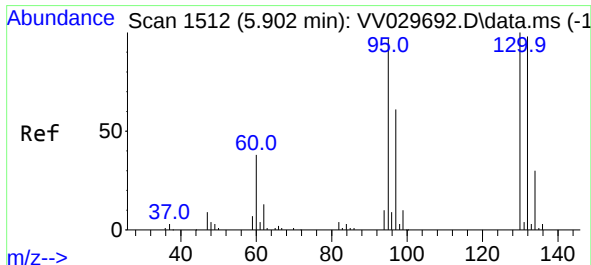
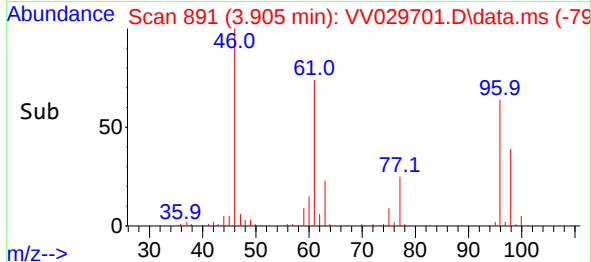
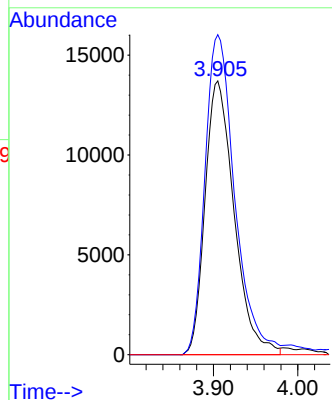
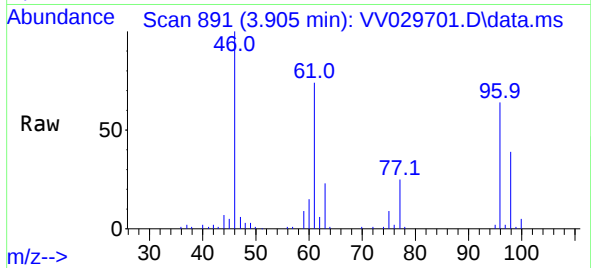




#22
 cis-1,2-Dichloroethene
 Concen: 2.067 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV029701.D
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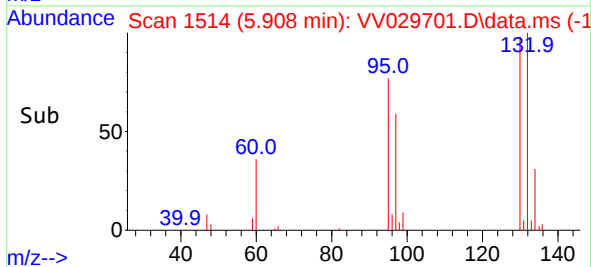
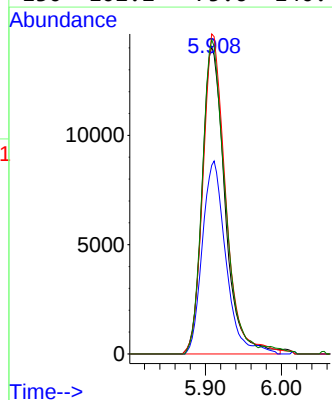
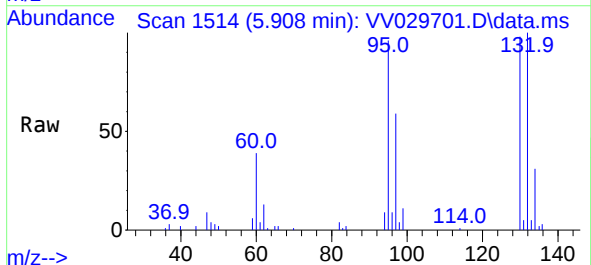
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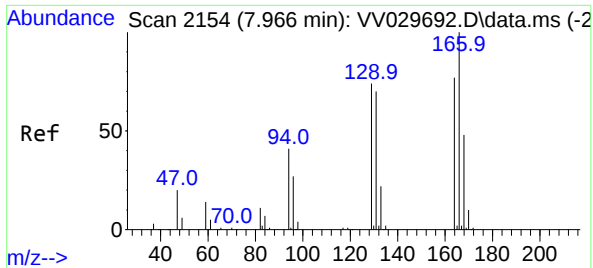
Tgt Ion: 96 Resp: 33001
 Ion Ratio Lower Upper
 96 100
 61 116.9 85.8 159.3
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.747 ug/L
 RT: 5.908 min Scan# 1514
 Delta R.T. 0.007 min
 Lab File: VV029701.D
 Acq: 16 Dec 2022 16:34

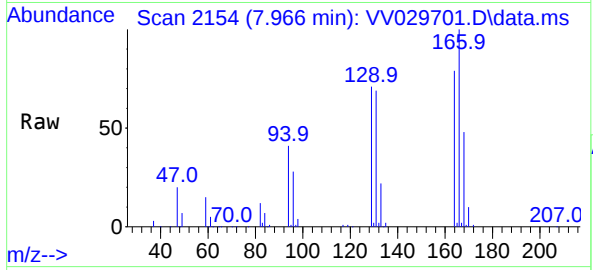
Tgt Ion: 95 Resp: 29204
 Ion Ratio Lower Upper
 95 100
 97 61.4 45.4 84.4
 132 104.2 73.3 136.1
 130 102.2 75.6 140.4





#47
Tetrachloroethene
Concen: 6.690 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VV029701.D
Acq: 16 Dec 2022 16:34

Instrument :
MSVOA_V
ClientSampleId :
BGPk4DL



Tgt Ion:164 Resp: 91693

Ion	Ratio	Lower	Upper
164	100		
129	90.5	61.7	114.7
131	87.7	62.9	116.9
166	126.7	88.5	164.3

