

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022212.D
 Acq On : 18 Sep 2021 02:18
 Operator : SY/MD
 Sample : M3787-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CH4

Quant Time: Sep 18 04:45:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

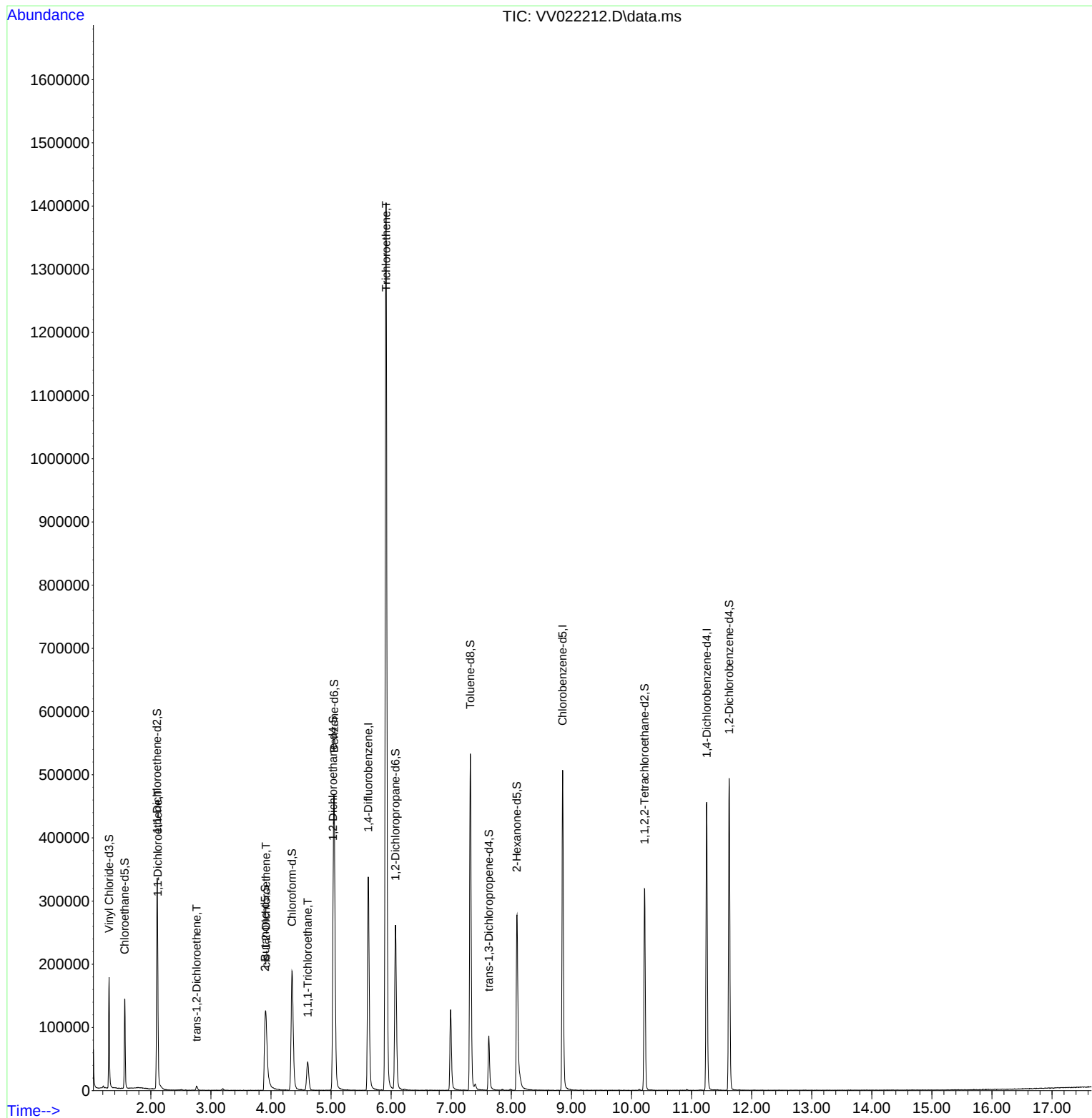
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	299134	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	286018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	123635	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113622	54.849	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	109.700%	
7) Chloroethane-d5	1.564	69	89559	55.361	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	110.720%	
11) 1,1-Dichloroethene-d2	2.105	63	163945	47.854	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.700%	
21) 2-Butanone-d5	3.902	46	166590	117.259	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	117.260%	
24) Chloroform-d	4.349	84	196351	51.983	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.960%	
26) 1,2-Dichloroethane-d4	5.034	65	121526	54.622	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.240%	
32) Benzene-d6	5.050	84	407297	52.502	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.000%	
36) 1,2-Dichloropropane-d6	6.072	67	131451	53.880	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	107.760%	
41) Toluene-d8	7.317	98	360778	49.265	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.540%	
43) trans-1,3-Dichloroprop...	7.625	79	49673	42.777	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.560%	
47) 2-Hexanone-d5	8.092	63	97752	104.423	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	104.420%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	153226	49.039	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	98.080%	
66) 1,2-Dichlorobenzene-d4	11.625	152	131063	53.924	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.840%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	20779	12.043	ug/L	# 1
17) trans-1,2-Dichloroethene	2.761	96	2582	1.238	ug/L	92
20) cis-1,2-Dichloroethene	3.915	96	34953	15.053	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	37817	11.125	ug/L	97
34) Trichloroethene	5.915	95	485830	206.111	ug/L	98

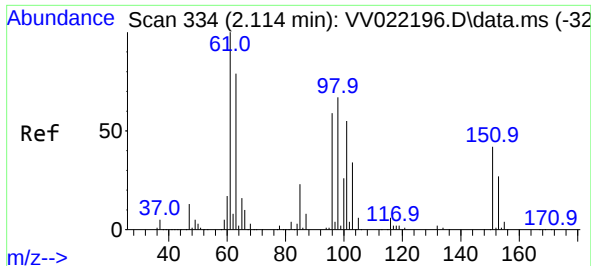
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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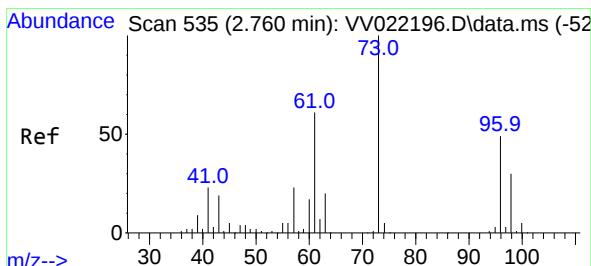
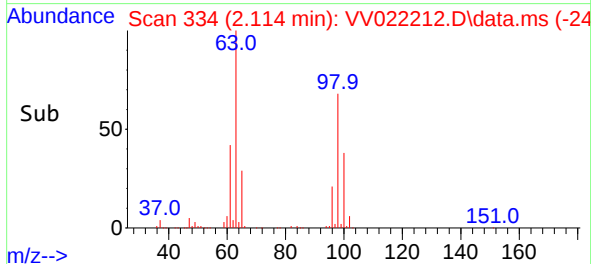
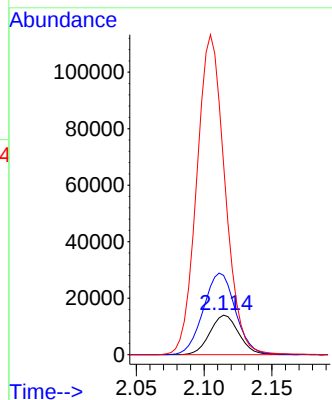
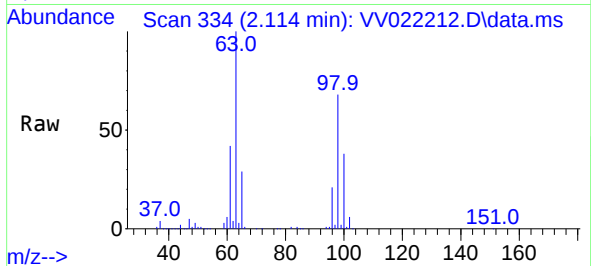




#12
1,1-Dichloroethene
Concen: 12.043 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

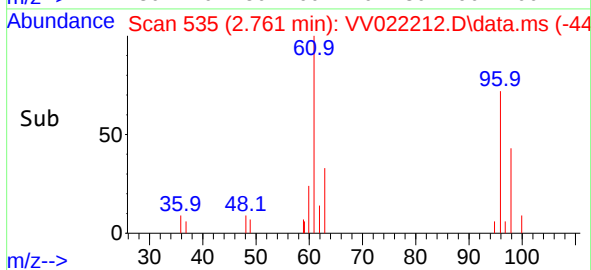
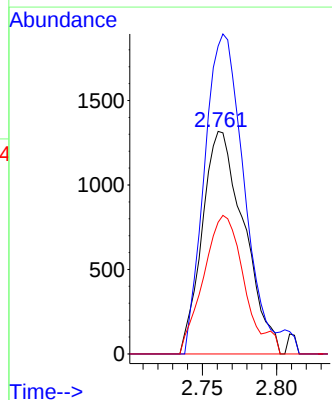
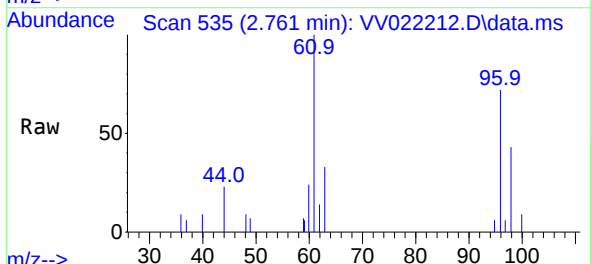
Instrument :
MSVOA_V
ClientSampleId :
C0CH4

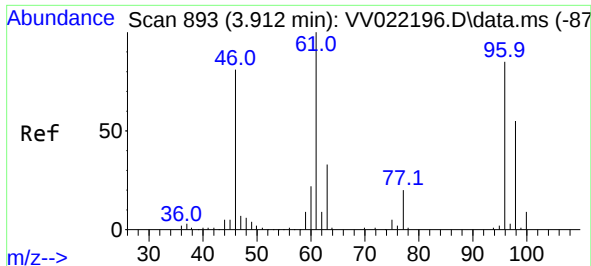
Tgt Ion: 96 Resp: 20779
Ion Ratio Lower Upper
96 100
61 200.8 113.2 210.2
63 483.5 102.3 189.9#



#17
trans-1,2-Dichloroethene
Concen: 1.238 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Tgt Ion: 96 Resp: 2582
Ion Ratio Lower Upper
96 100
61 138.3 89.1 165.5
98 59.1 43.8 81.3

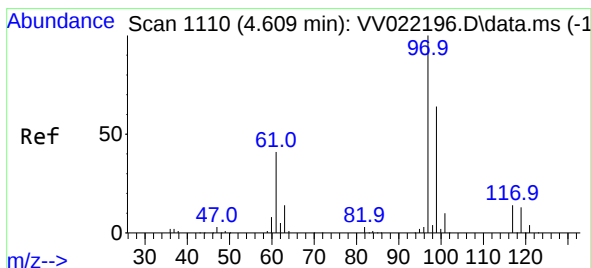
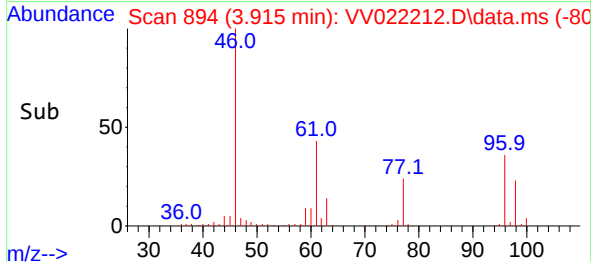
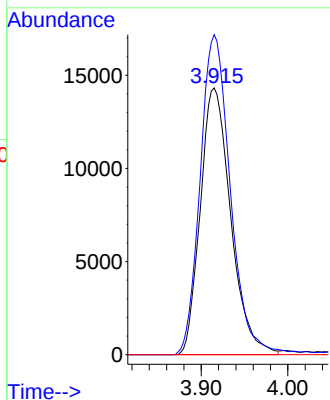
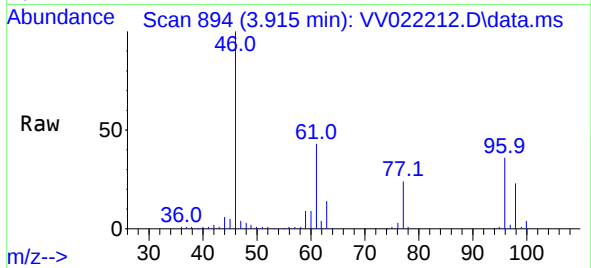




#20
cis-1,2-Dichloroethene
Concen: 15.053 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

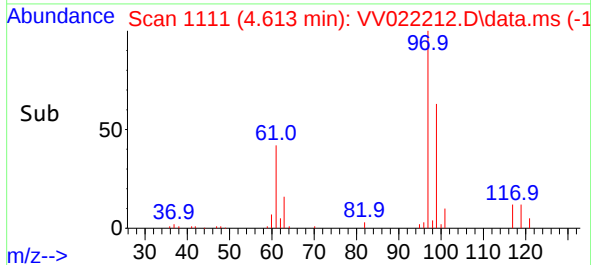
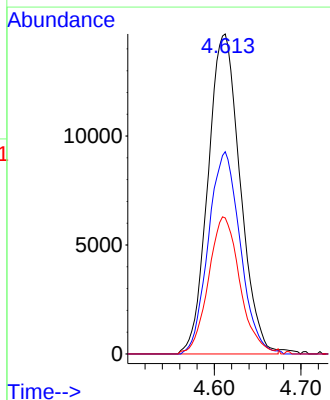
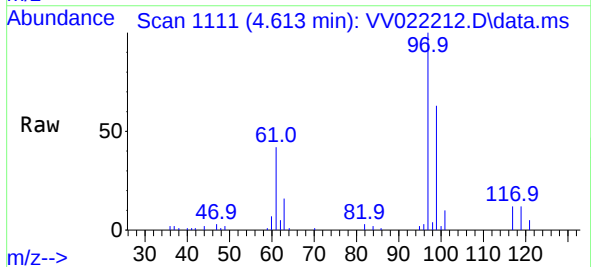
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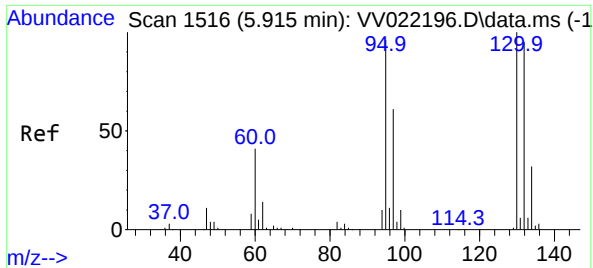
Tgt Ion: 96 Resp: 34953
Ion Ratio Lower Upper
96 100
61 120.0 81.8 152.0
68 0.0 0.0 0.0



#30
1,1,1-Trichloroethane
Concen: 11.125 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Tgt Ion: 97 Resp: 37817
Ion Ratio Lower Upper
97 100
99 62.8 52.0 78.0
61 42.0 31.8 47.8





#34
 Trichloroethene
 Concen: 206.111 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VV022212.D
 Acq: 18 Sep 2021 02:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CH4

Tgt Ion: 95 Resp: 485830

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.1	81.9
132	99.4	70.7	131.3
130	104.0	74.8	139.0

