

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050907.D
 Acq On : 22 Sep 2022 18:49
 Operator : JC/MD
 Sample : N4747-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A4

Quant Time: Sep 23 01:13:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

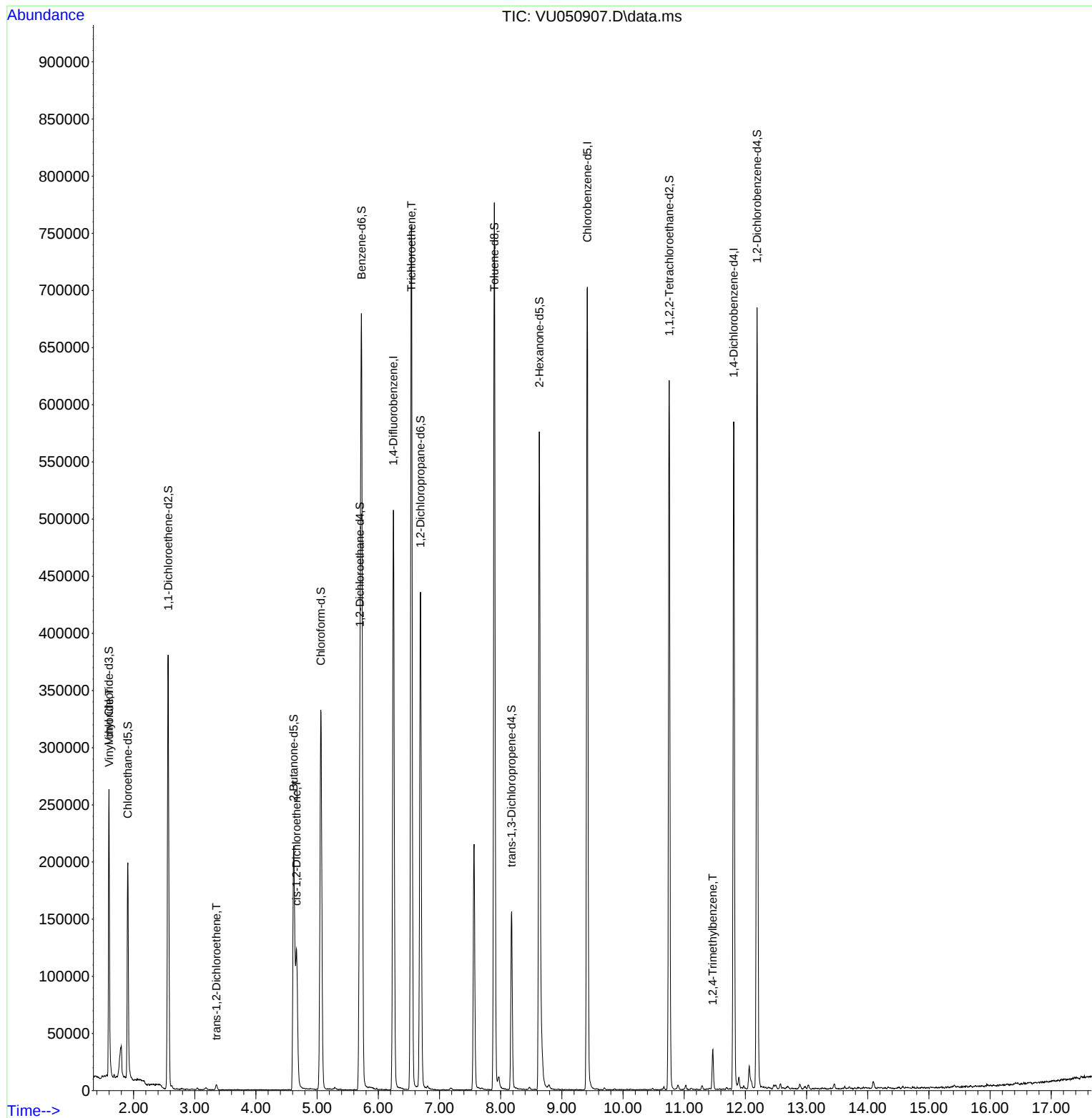
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	400247	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389354	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	152008	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	180162	43.446	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.900%	
7) Chloroethane-d5	1.906	69	144822	49.037	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.080%	
11) 1,1-Dichloroethene-d2	2.565	63	219610	34.035	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.060%	
21) 2-Butanone-d5	4.616	46	306276	114.402	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.400%	
24) Chloroform-d	5.060	84	305287	46.977	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.960%	
26) 1,2-Dichloroethane-d4	5.700	65	201199	50.238	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.480%	
32) Benzene-d6	5.726	84	623467	48.615	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.240%	
36) 1,2-Dichloropropane-d6	6.690	67	214167	49.474	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.940%	
41) Toluene-d8	7.896	98	508978	45.403	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.179	79	85691	45.504	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.000%	
47) 2-Hexanone-d5	8.632	63	182666	102.396	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.400%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	314505	47.654	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.300%	
66) 1,2-Dichlorobenzene-d4	12.192	152	177737	55.845	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	111.700%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	8621	1.828	ug/L	# 56
17) trans-1,2-Dichloroethene	3.356	96	1898	0.602	ug/L	94
20) cis-1,2-Dichloroethene	4.665	96	57293	16.384	ug/L	97
34) Trichloroethene	6.539	95	263987	79.314	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	18409	2.082	ug/L	99

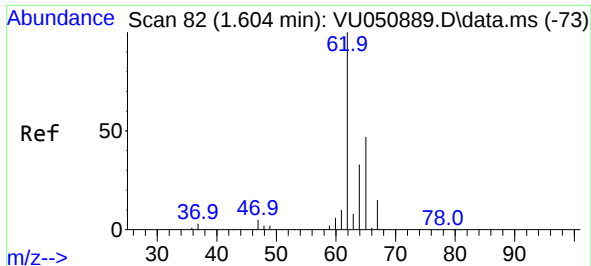
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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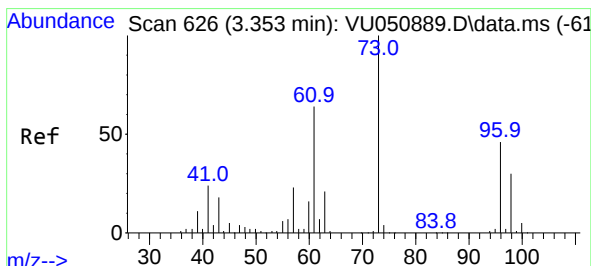
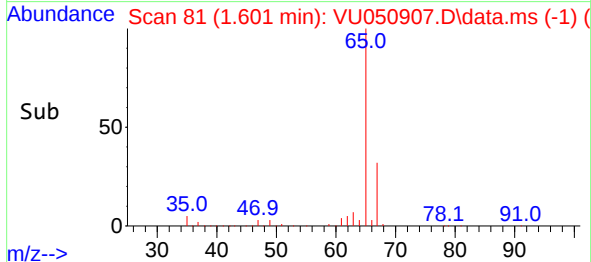
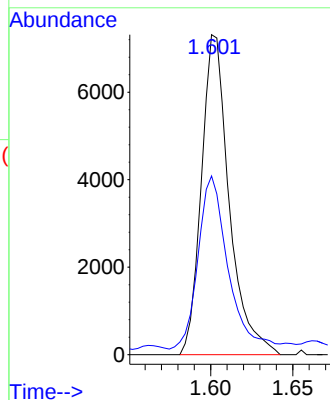
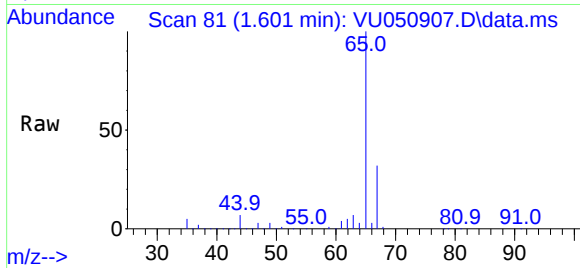




#5
 Vinyl chloride
 Concen: 1.828 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050907.D
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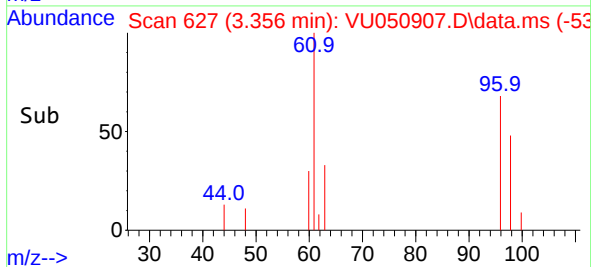
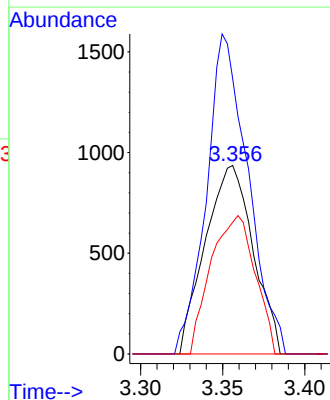
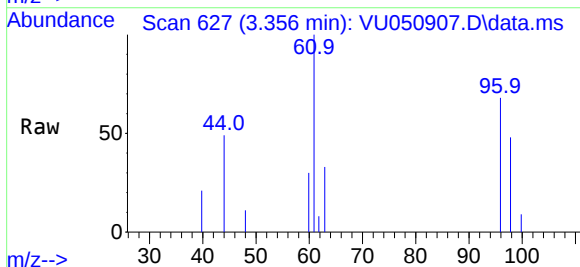
Instrument :
 MSVOA_U
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 E45A4

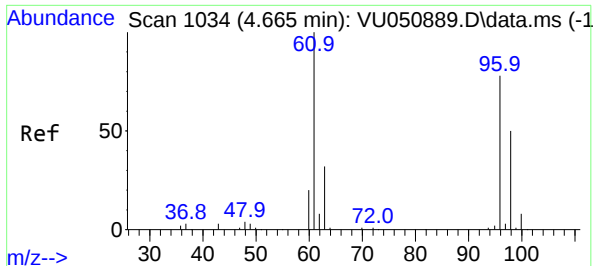
Tgt Ion: 62 Resp: 8621
 Ion Ratio Lower Upper
 62 100
 64 55.9 22.2 41.2#



#17
 trans-1,2-Dichloroethene
 Concen: 0.602 ug/L
 RT: 3.356 min Scan# 627
 Delta R.T. 0.003 min
 Lab File: VU050907.D
 Acq: 22 Sep 2022 18:49

Tgt Ion: 96 Resp: 1898
 Ion Ratio Lower Upper
 96 100
 61 146.0 98.0 182.0
 98 69.9 44.3 82.3

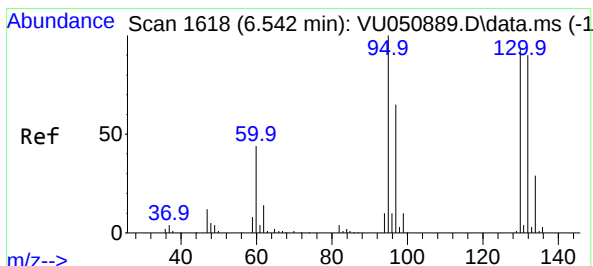
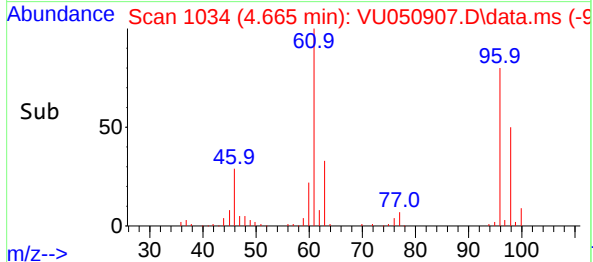
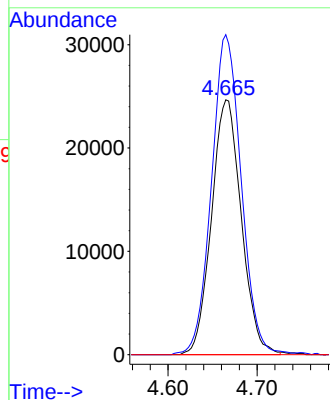
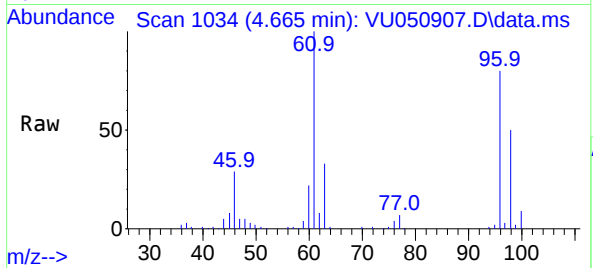




#20
cis-1,2-Dichloroethene
Concen: 16.384 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050907.D
Acq: 22 Sep 2022 18:49

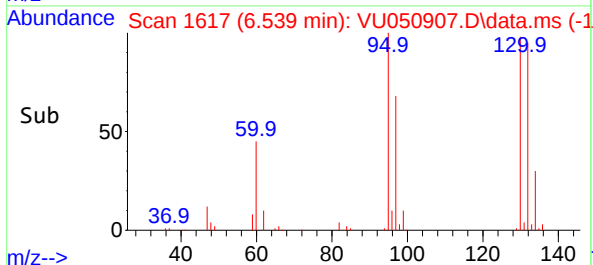
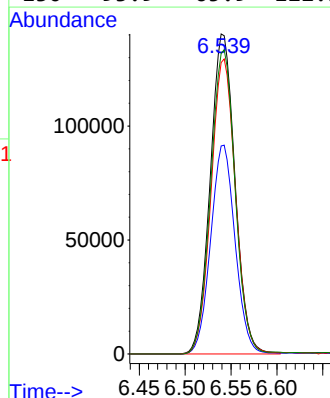
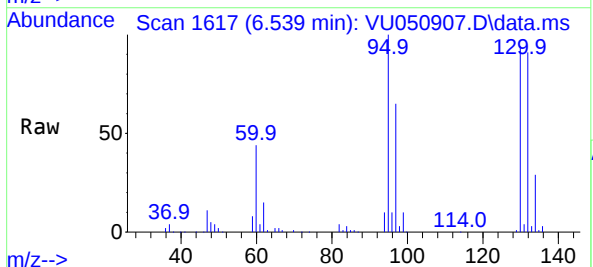
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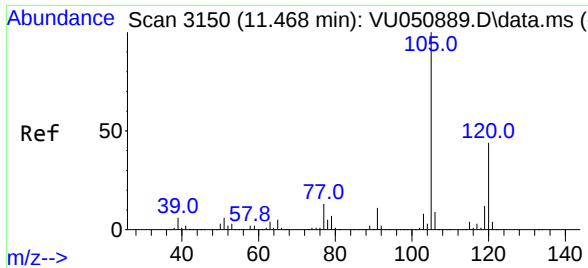
Tgt Ion: 96 Resp: 57293
Ion Ratio Lower Upper
96 100
61 125.5 90.1 167.3
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 79.314 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050907.D
Acq: 22 Sep 2022 18:49

Tgt Ion: 95 Resp: 263987
Ion Ratio Lower Upper
95 100
97 65.0 43.9 81.5
132 91.1 63.1 117.1
130 93.9 65.9 122.3





#63
 1,2,4-Trimethylbenzene
 Concen: 2.082 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU050907.D
 Acq: 22 Sep 2022 18:49

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A4

Tgt Ion:105 Resp: 18409

Ion	Ratio	Lower	Upper
105	100		
120	42.8	34.9	52.3

