

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050920.D
 Acq On : 23 Sep 2022 15:18
 Operator : JC/MD
 Sample : N4747-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45A8

Quant Time: Sep 24 00:24:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

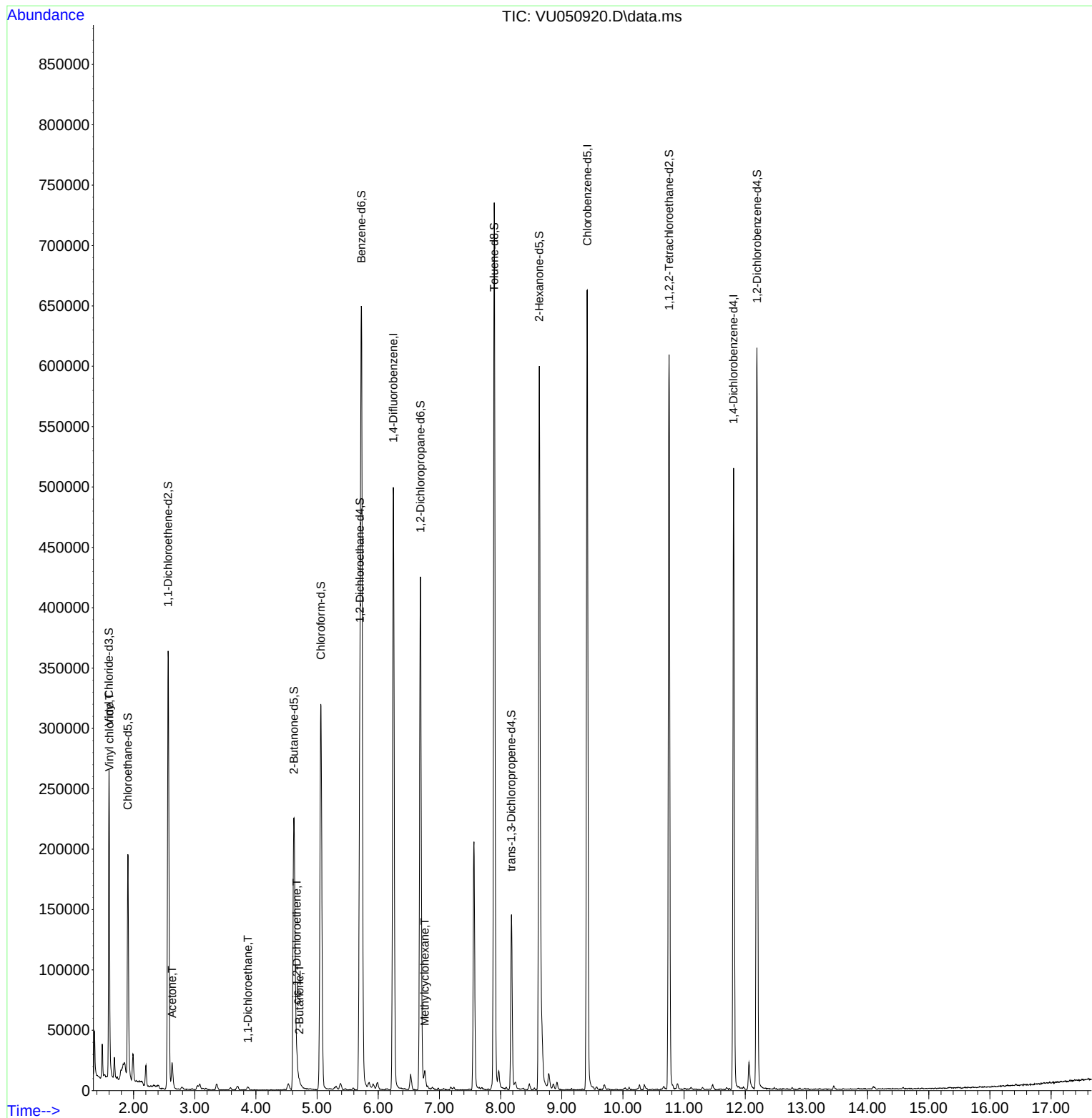
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	392710	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	374680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	133386	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171898	42.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.500%		
7) Chloroethane-d5	1.906	69	140723	48.563	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.120%		
11) 1,1-Dichloroethene-d2	2.565	63	213110	33.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.320%		
21) 2-Butanone-d5	4.620	46	341777	130.113	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	130.110%#		
24) Chloroform-d	5.060	84	301370	47.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.520%		
26) 1,2-Dichloroethane-d4	5.700	65	195538	49.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.520%		
32) Benzene-d6	5.726	84	602878	48.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.700%		
36) 1,2-Dichloropropane-d6	6.690	67	208067	49.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.900%		
41) Toluene-d8	7.896	98	482521	44.729	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.460%		
43) trans-1,3-Dichloroprop...	8.176	79	81856	45.169	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.340%		
47) 2-Hexanone-d5	8.632	63	184073	107.226	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.230%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	314162	49.466	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.940%		
66) 1,2-Dichlorobenzene-d4	12.192	152	157627	56.441	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.880%		
Target Compounds						
5) Vinyl chloride	1.604	62	4370	0.944	ug/L #	40
13) Acetone	2.629	43	24421	10.980	ug/L	99
19) 1,1-Dichloroethane	3.870	63	3572	0.571	ug/L #	84
20) cis-1,2-Dichloroethene	4.668	96	5221	1.522	ug/L	93
22) 2-Butanone	4.710	43	5285	1.803	ug/L	73
35) Methylcyclohexane	6.761	83	5536	1.073	ug/L	95

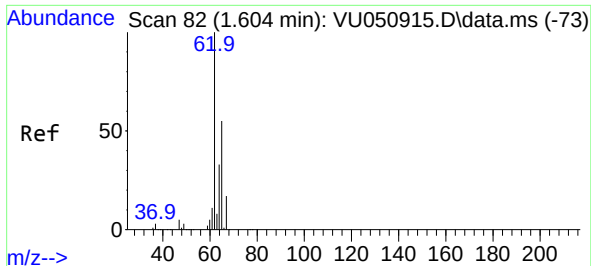
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

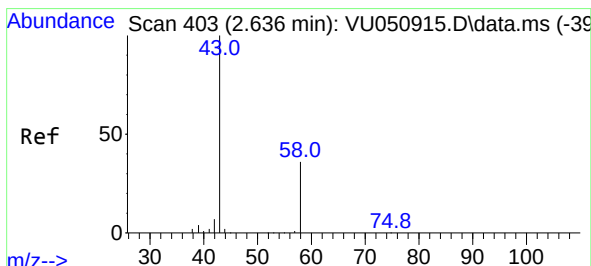
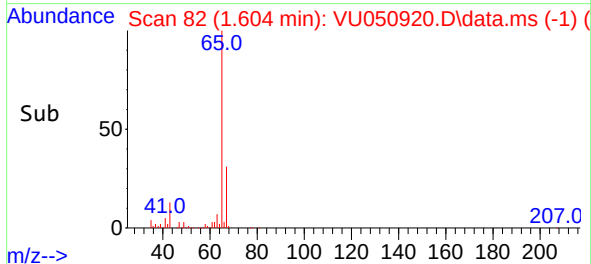
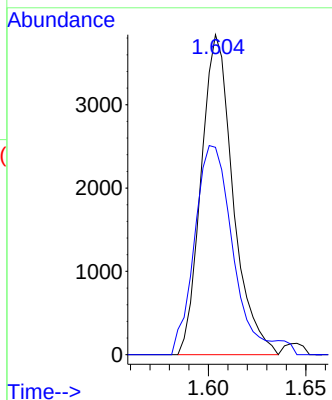
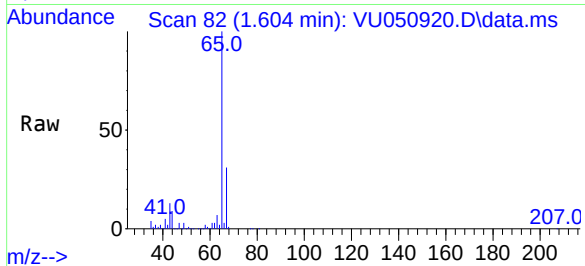




#5
 Vinyl chloride
 Concen: 0.944 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050920.D
 Acq: 23 Sep 2022 15:18

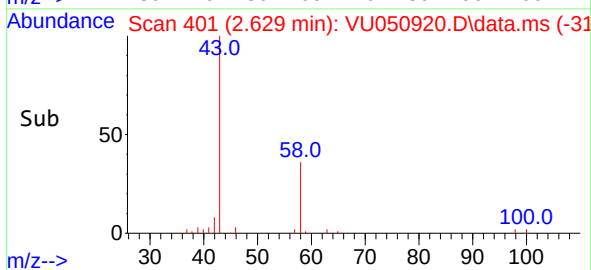
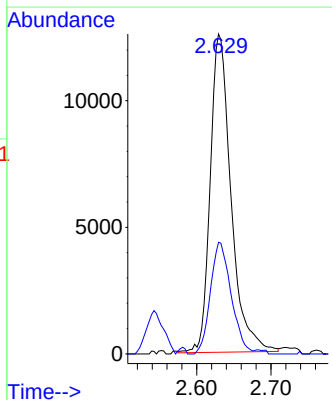
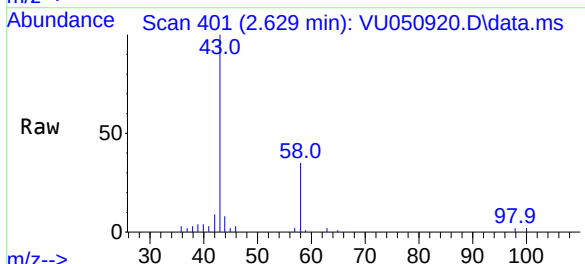
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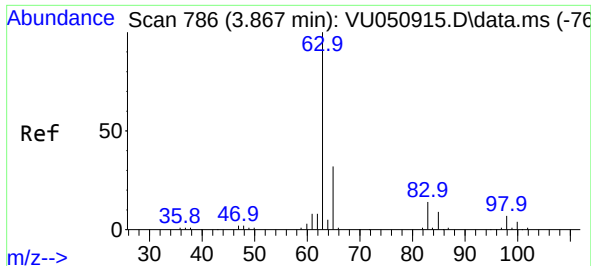
Tgt Ion: 62 Resp: 4370
 Ion Ratio Lower Upper
 62 100
 64 64.8 22.2 41.2#



#13
 Acetone
 Concen: 10.980 ug/L
 RT: 2.629 min Scan# 401
 Delta R.T. -0.007 min
 Lab File: VU050920.D
 Acq: 23 Sep 2022 15:18

Tgt Ion: 43 Resp: 24421
 Ion Ratio Lower Upper
 43 100
 58 35.1 0.0 71.4

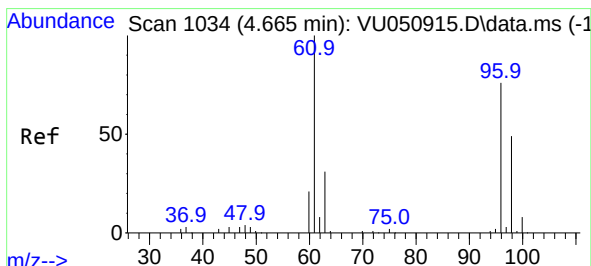
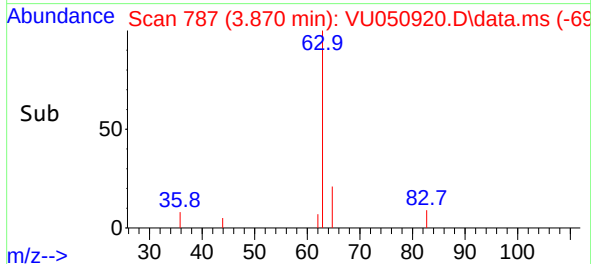
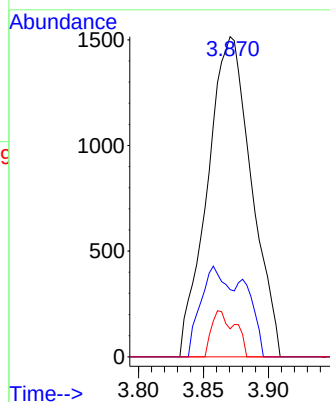
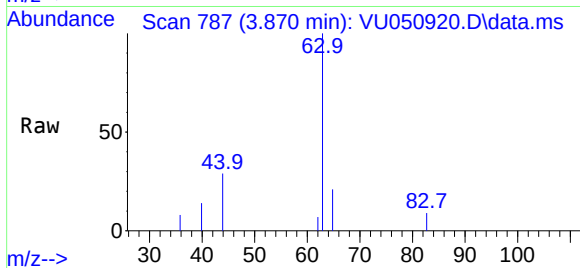




#19
1,1-Dichloroethane
Concen: 0.571 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050920.D
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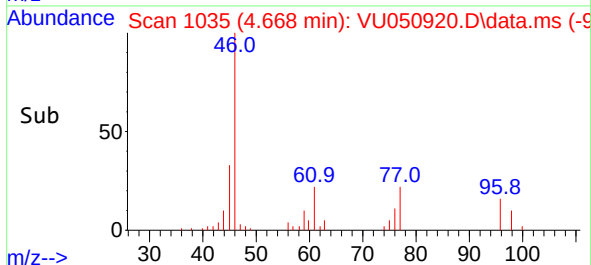
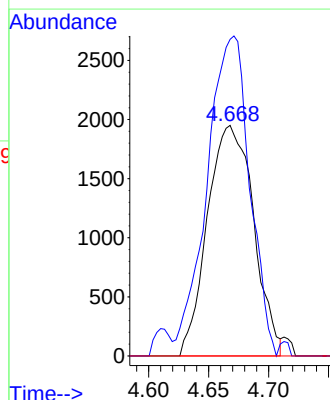
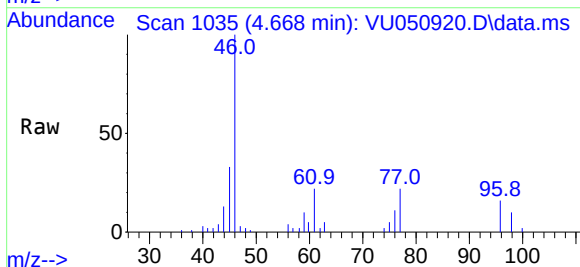
Instrument :
MSVOA_U
ClientSampleId :
E45A8

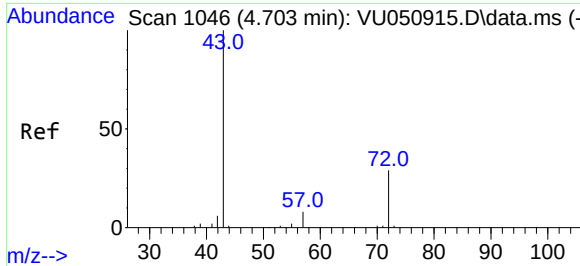
Tgt Ion: 63 Resp: 3572
Ion Ratio Lower Upper
63 100
65 21.0 21.5 39.9#
83 8.7 9.3 17.3#



#20
cis-1,2-Dichloroethene
Concen: 1.522 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050920.D
Acq: 23 Sep 2022 15:18

Tgt Ion: 96 Resp: 5221
Ion Ratio Lower Upper
96 100
61 137.3 90.1 167.3
68 0.0 0.0 0.0

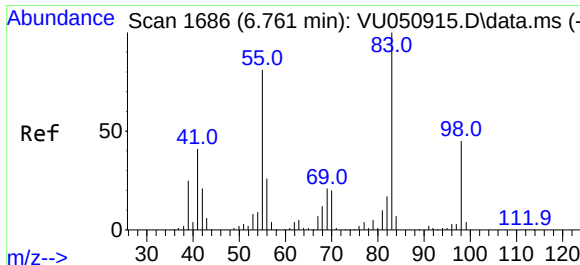
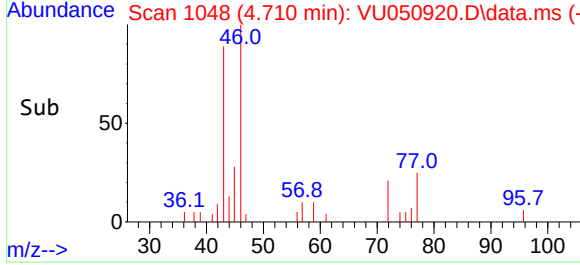
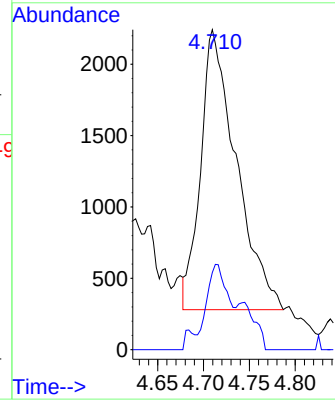
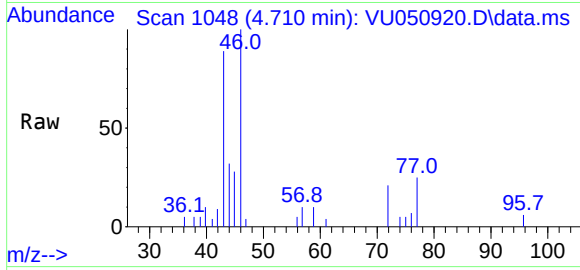




#22
2-Butanone
Concen: 1.803 ug/L
RT: 4.710 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU050920.D
Acq: 23 Sep 2022 15:18

Instrument :
MSVOA_U
ClientSampleId :
E45A8

Tgt Ion:	43	Resp:	5285
Ion Ratio	Lower	Upper	
43	100		
72	14.9	14.8	44.3



#35
Methylcyclohexane
Concen: 1.073 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050920.D
Acq: 23 Sep 2022 15:18

Tgt Ion:	83	Resp:	5536
Ion Ratio	Lower	Upper	
83	100		
55	84.0	64.7	97.1
98	38.8	35.2	52.8

