

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081322\
 Data File : VU050318.D
 Acq On : 13 Aug 2022 15:01
 Operator : SY/MD
 Sample : N4115-03DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E44DL

Quant Time: Aug 14 01:27:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Aug 14 01:24:58 2022
 Response via : Initial Calibration

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

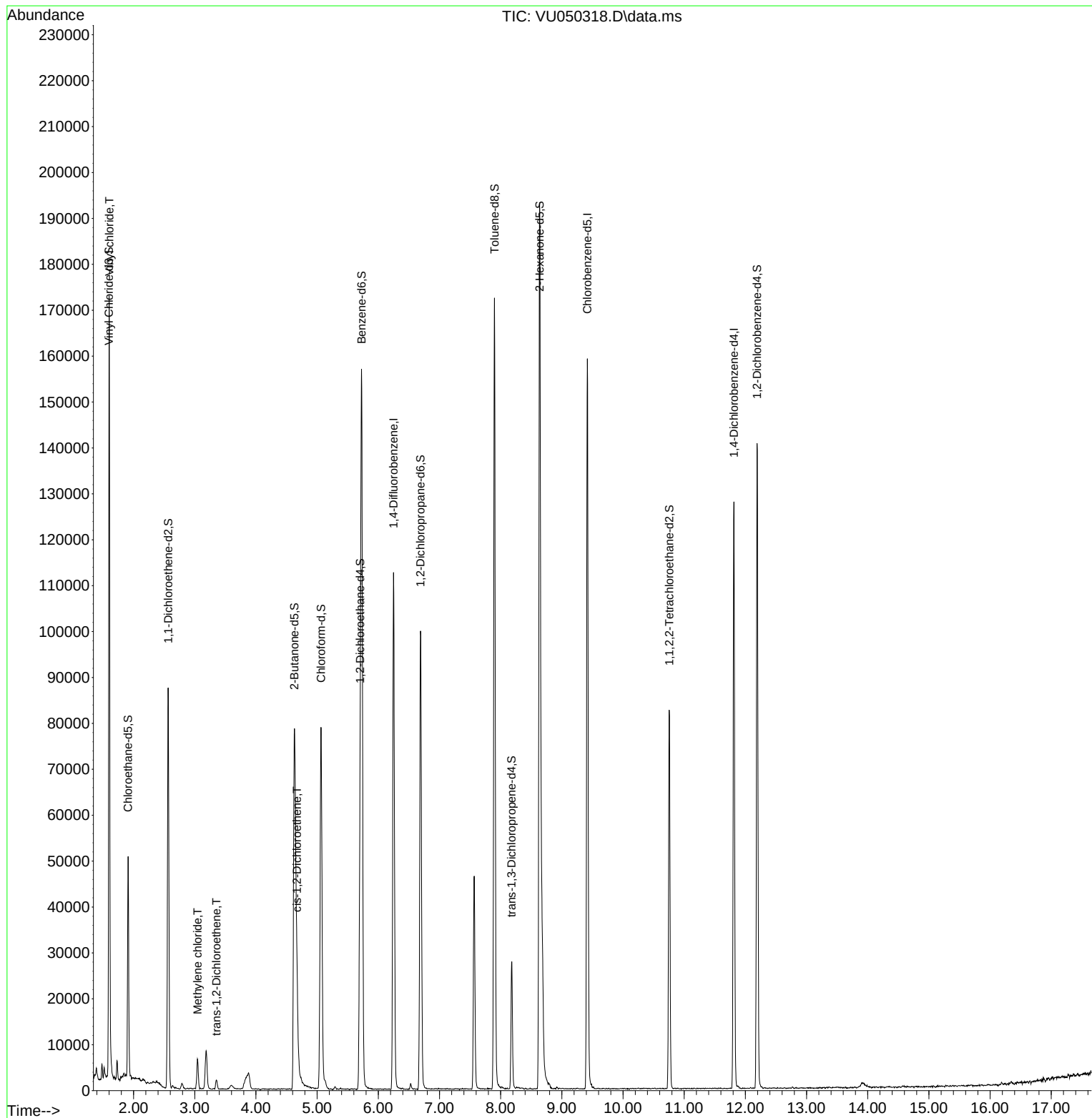
Internal Standards							
1) 1,4-Difluorobenzene		6.250	114	92094	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.417	117	91012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.813	152	35215	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	44035	5.746	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%	
7) Chloroethane-d5		1.909	69	35578	5.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.000%	
11) 1,1-Dichloroethene-d2		2.565	65	16762	5.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.000%	
20) 2-Butanone-d5		4.626	46	108540	58.075	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.140%	
24) Chloroform-d		5.064	84	75328	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%	
26) 1,2-Dichloroethane-d4		5.703	65	39779	5.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%	
32) Benzene-d6		5.729	84	150685	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%	
36) 1,2-Dichloropropane-d6		6.691	67	50787	5.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%	
41) Toluene-d8		7.899	98	119272	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...		8.179	79	16573	4.945	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%	
46) 2-Hexanone-d5		8.636	63	59977	50.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%	
56) 1,1,2,2-Tetrachloroeth...		10.755	84	42903	5.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4		12.192	152	38763	5.618	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%	
Target Compounds							
5) Vinyl chloride		1.604	62	84520	8.543	ug/L	100
16) Methylene chloride		3.044	84	3029	0.311	ug/L	83
18) trans-1,2-Dichloroethene		3.353	96	936	0.131	ug/L	88
22) cis-1,2-Dichloroethene		4.671	96	6788	0.858	ug/L	94

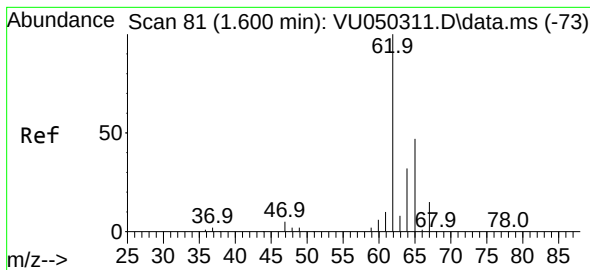
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.543 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.004 min

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ClientSampleId :

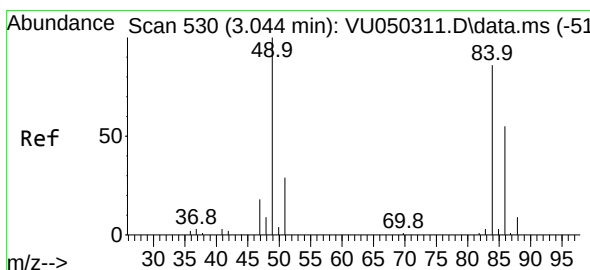
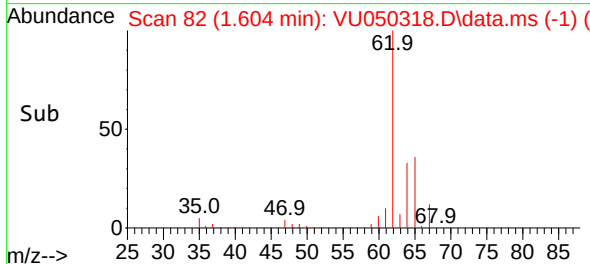
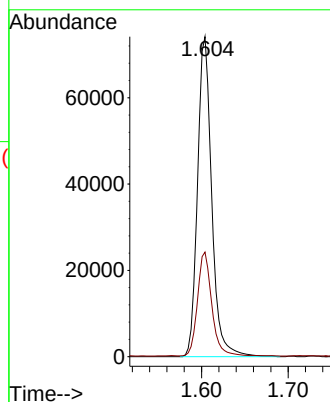
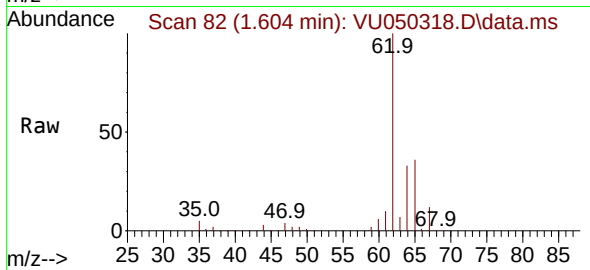
F5E44DL

Tgt Ion: 62 Resp: 84520

Ion Ratio Lower Upper

62 100

64 32.7 22.8 42.4



#16

Methylene chloride

Concen: 0.311 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

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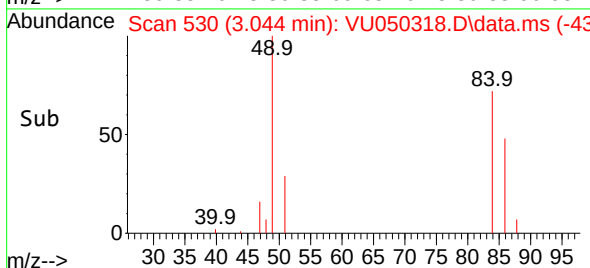
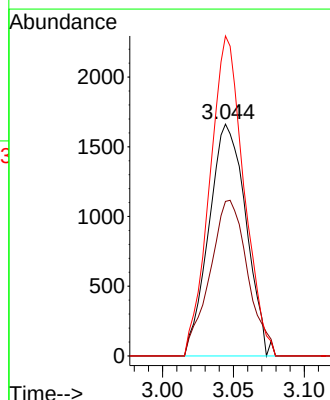
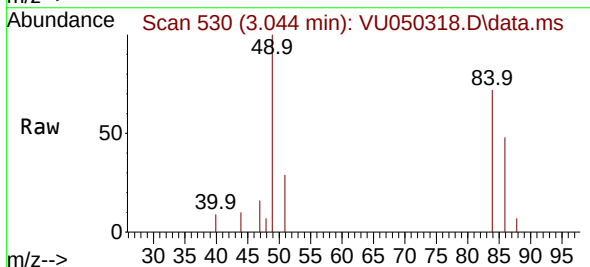
Tgt Ion: 84 Resp: 3029

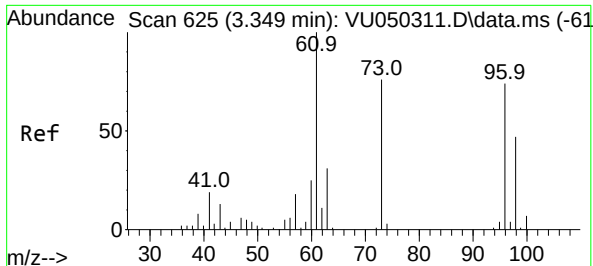
Ion Ratio Lower Upper

84 100

86 66.7 45.9 85.3

49 138.0 77.6 144.0

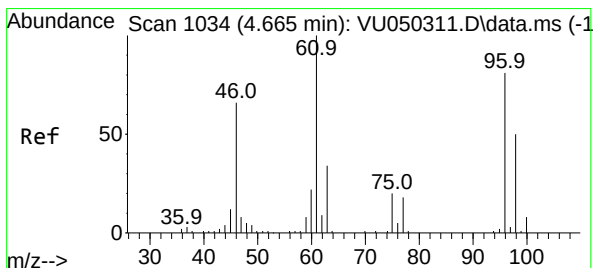
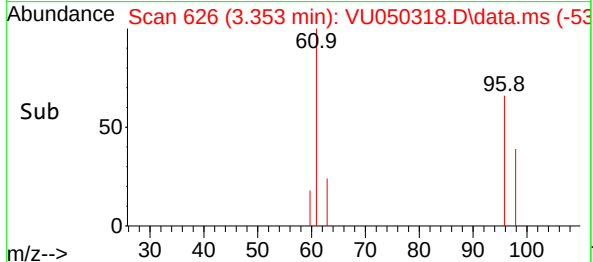
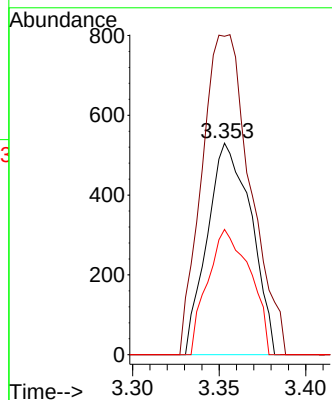
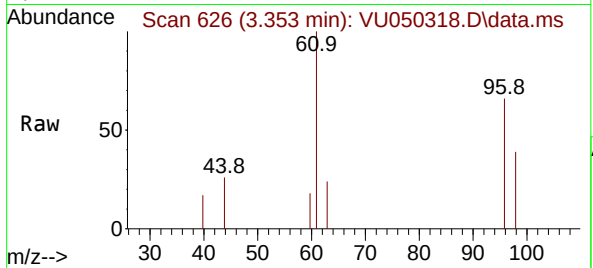




#18
trans-1,2-Dichloroethene
Concen: 0.131 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.004 min
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ClientSampleId :
F5E44DL

Tgt Ion: 96 Resp: 936
Ion Ratio Lower Upper
96 100
61 150.6 92.3 171.5
98 59.2 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 0.858 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VU050318.D
Acq: 13 Aug 2022 15:01

Tgt Ion: 96 Resp: 6788
Ion Ratio Lower Upper
96 100
61 121.6 89.0 165.4
98 57.7 45.2 84.0

