

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050334.D
 Acq On : 15 Aug 2022 12:20
 Operator : SY/MD
 Sample : N4115-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D50

Quant Time: Aug 16 00:30:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

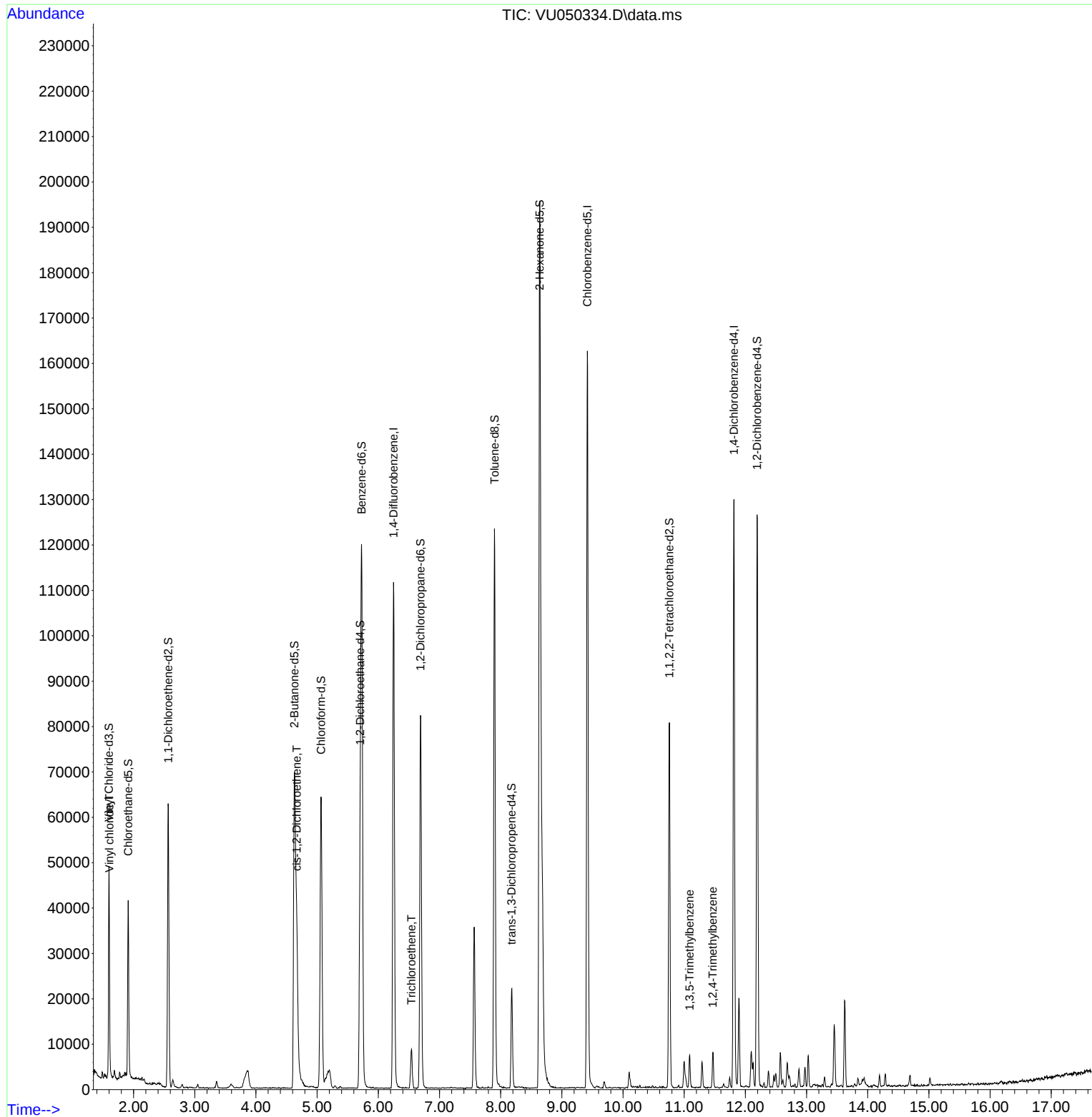
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92746	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35158	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32439	4.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.912	69	27899	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.568	65	11644	3.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.629	46	114894	61.042	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.080%
24) Chloroform-d	5.067	84	62942	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.703	65	34795	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.729	84	114319	3.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.690	67	42382	4.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.899	98	85565	3.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.600%#
43) trans-1,3-Dichloroprop...	8.179	79	13665	3.920	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.636	63	61898	50.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41944	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	32901	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	1702	0.171	ug/L	# 45
22) cis-1,2-Dichloroethene	4.668	96	11011	1.382	ug/L	93
34) Trichloroethene	6.542	95	2553	0.318	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	4255	0.641	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	4674	0.259	ug/L	97

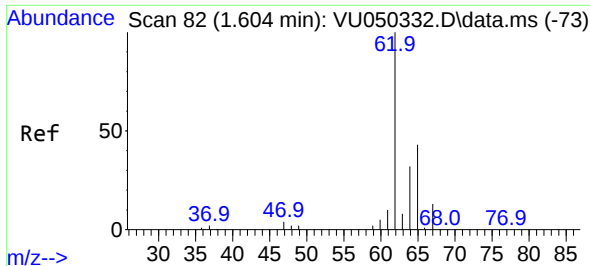
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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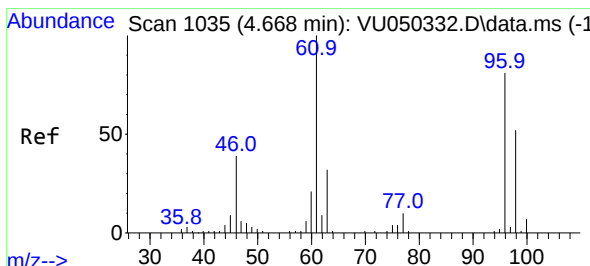
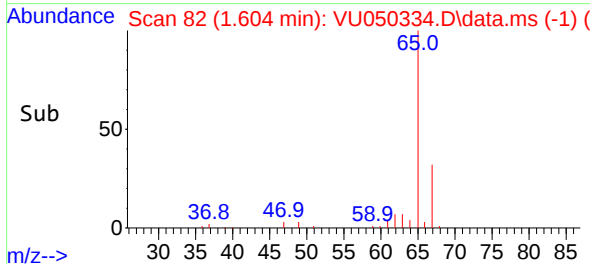
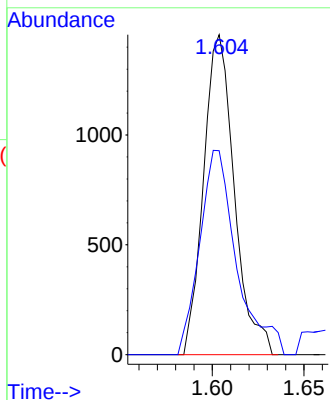
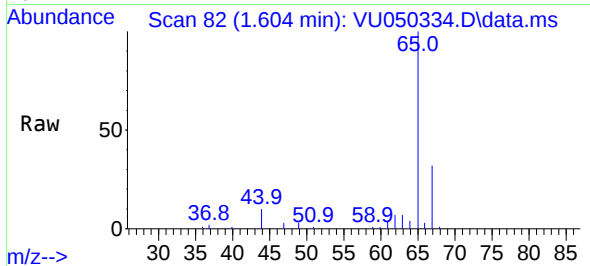




#5
 Vinyl chloride
 Concen: 0.171 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050334.D
 Acq: 15 Aug 2022 12:20

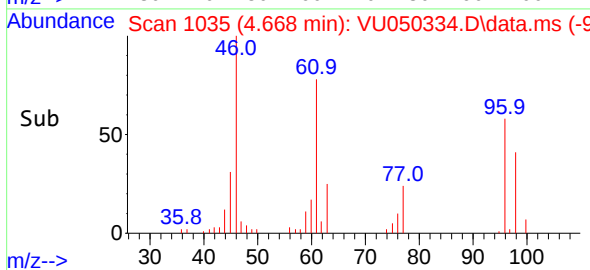
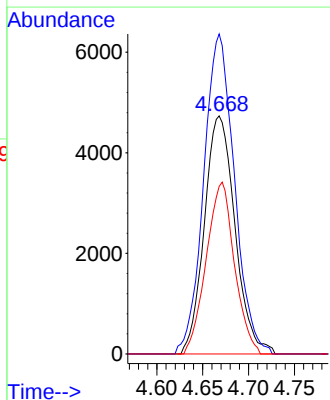
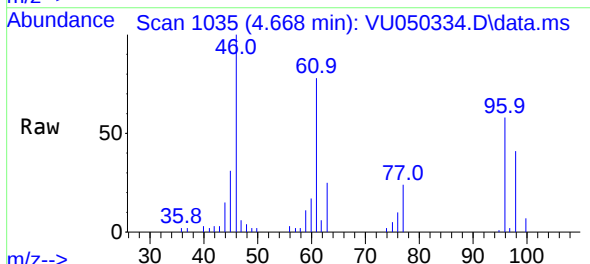
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D50

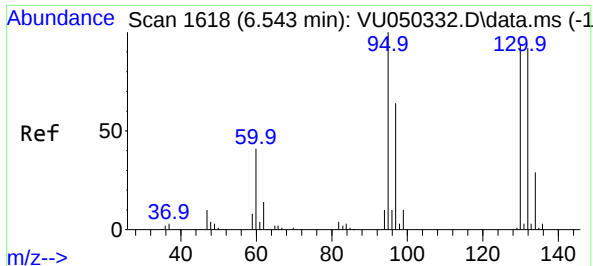
Tgt Ion: 62 Resp: 1702
 Ion Ratio Lower Upper
 62 100
 64 63.8 22.8 42.4#



#22
 cis-1,2-Dichloroethene
 Concen: 1.382 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050334.D
 Acq: 15 Aug 2022 12:20

Tgt Ion: 96 Resp: 11011
 Ion Ratio Lower Upper
 96 100
 61 134.4 89.0 165.4
 98 70.3 45.2 84.0



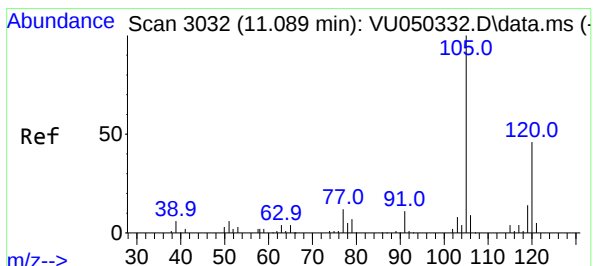
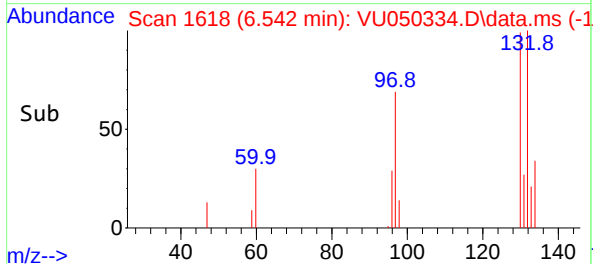
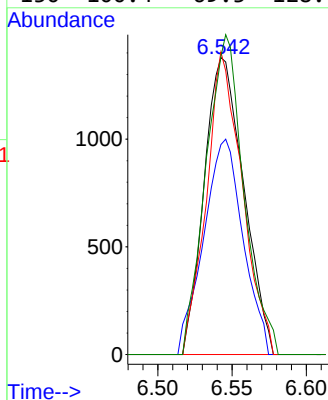
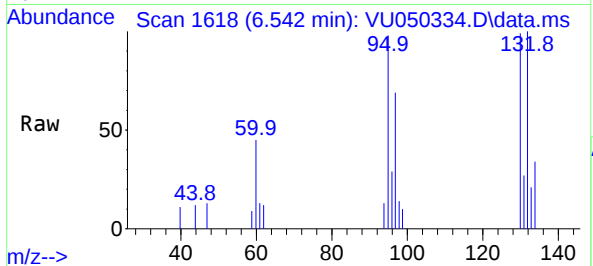


#34
Trichloroethene
Concen: 0.318 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050334.D
Acq: 15 Aug 2022 12:20

Instrument :
MSVOA_U
ClientSampleId :
F5D50

Tgt Ion: 95 Resp: 2553

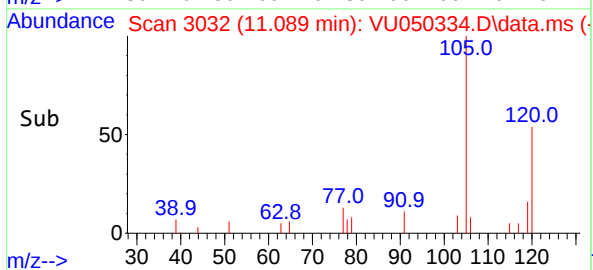
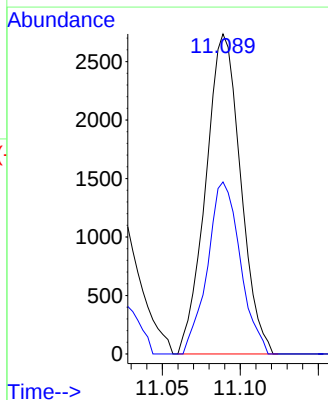
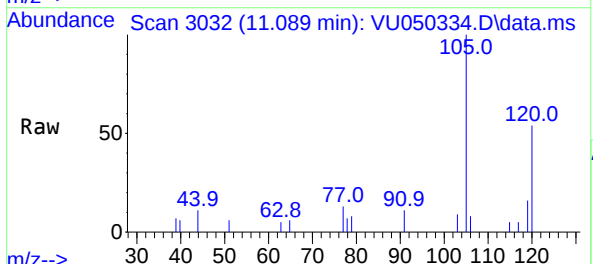
Ion	Ratio	Lower	Upper
95	100		
97	70.7	45.6	84.8
132	101.8	65.0	120.6
130	100.4	69.3	128.7

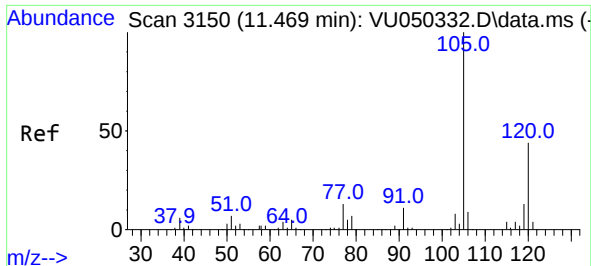


#62
1,3,5-Trimethylbenzene
Concen: 0.641 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050334.D
Acq: 15 Aug 2022 12:20

Tgt Ion: 105 Resp: 4255

Ion	Ratio	Lower	Upper
105	100		
120	50.6	38.9	58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 0.259 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU050334.D
 Acq: 15 Aug 2022 12:20

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D50

Tgt Ion:105 Resp: 4674
 Ion Ratio Lower Upper
 105 100
 120 43.0 35.9 53.9

