

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040324\
 Data File : VU058361.D
 Acq On : 03 Apr 2024 14:10
 Operator : MD/SY
 Sample : P1902-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC3

Quant Time: Apr 04 01:24:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 01:17:39 2024
 Response via : Initial Calibration

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

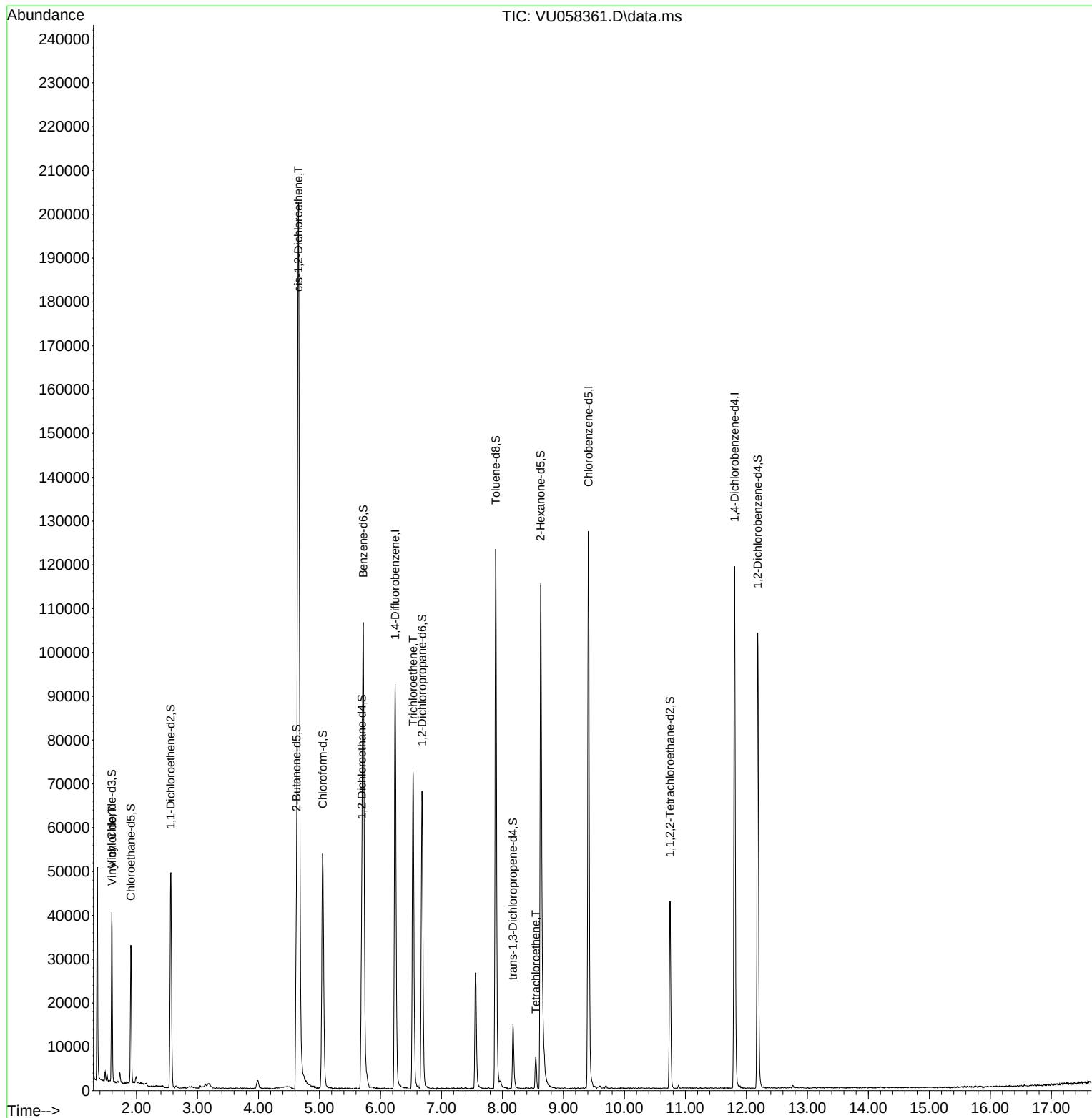
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75676	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72810	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21286	3.328	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.600%	
7) Chloroethane-d5	1.907	69	22009	4.216	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.560	65	9756	3.674	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.400%	
20) 2-Butanone-d5	4.624	46	58821	51.773	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.540%	
24) Chloroform-d	5.052	84	50671	4.432	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.695	65	25372	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.718	84	101423	4.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
36) 1,2-Dichloropropane-d6	6.682	67	33359	4.786	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.891	98	83645	3.993	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.174	79	9034	4.045	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.627	63	41858	46.282	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.560%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22546	4.965	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	27882	4.696	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	3395	0.783	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	102762	20.975	ug/L	98
34) Trichloroethene	6.534	95	25530	5.124	ug/L	96
47) Tetrachloroethene	8.550	164	1554	0.466	ug/L	83

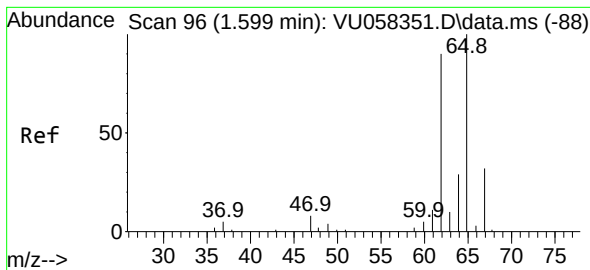
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.783 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058361.D

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Instrument :

MSVOA_U

ClientSampleId :

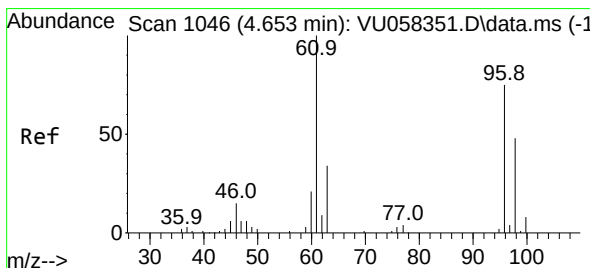
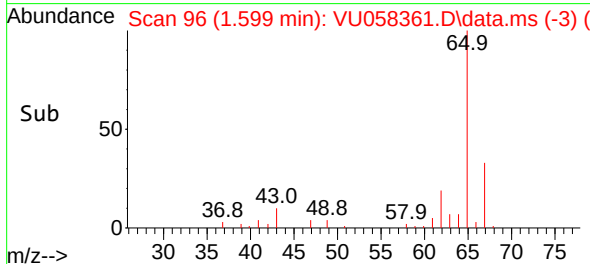
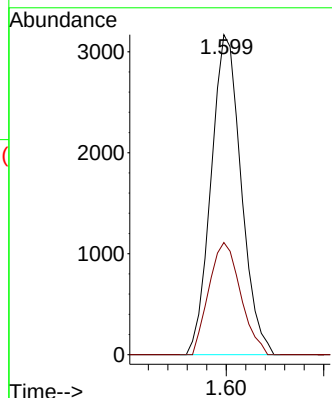
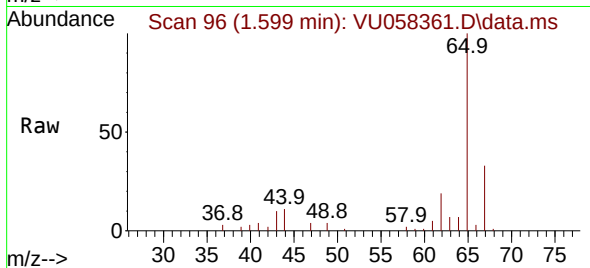
DCOC3

Tgt Ion: 62 Resp: 3395

Ion Ratio Lower Upper

62 100

64 35.1 23.4 43.6



#22

cis-1,2-Dichloroethene

Concen: 20.975 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU058361.D

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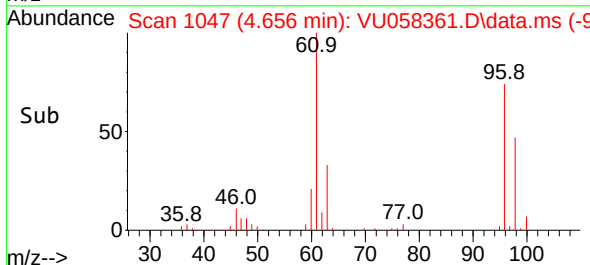
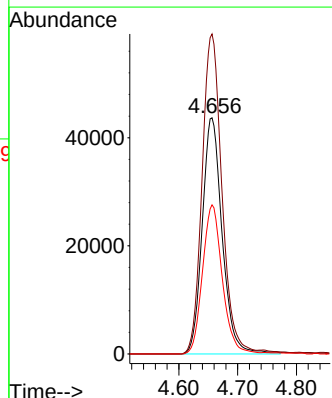
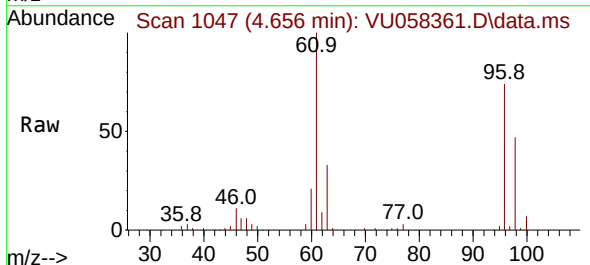
Tgt Ion: 96 Resp: 102762

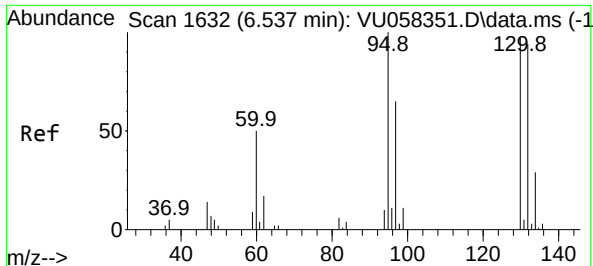
Ion Ratio Lower Upper

96 100

61 135.5 92.8 172.4

98 63.1 43.2 80.2



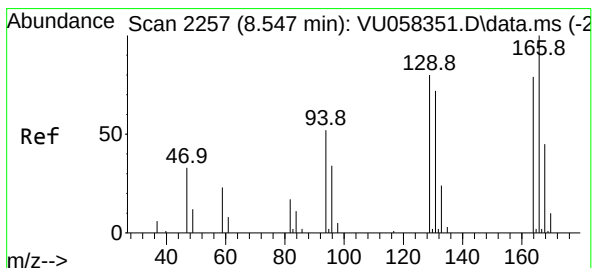
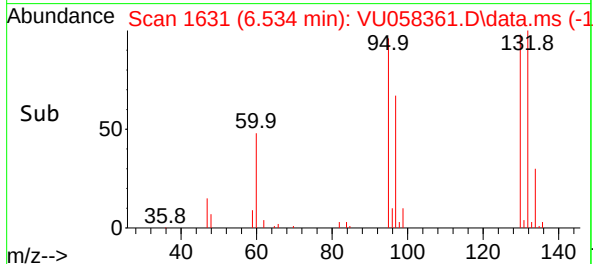
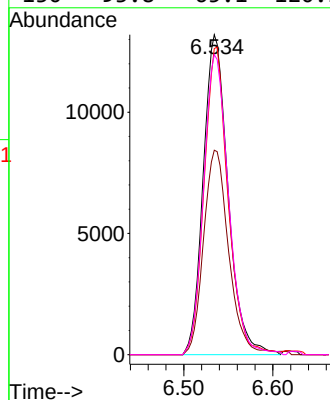
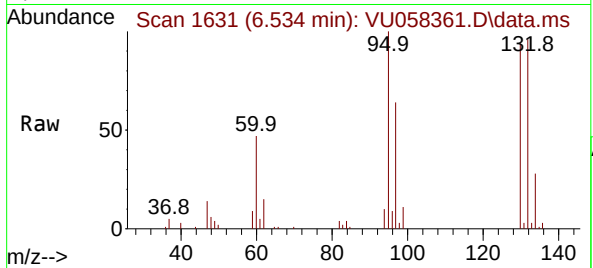


#34
Trichloroethene
Concen: 5.124 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
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Acq: 03 Apr 2024 14:10

Instrument :
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Tgt Ion: 95 Resp: 25530

Ion	Ratio	Lower	Upper
95	100		
97	63.9	47.7	88.7
132	95.7	63.6	118.2
130	93.8	65.1	120.9



#47
Tetrachloroethene
Concen: 0.466 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058361.D
Acq: 03 Apr 2024 14:10

Tgt Ion: 164 Resp: 1554

Ion	Ratio	Lower	Upper
164	100		
129	86.8	71.3	132.3
131	84.8	70.8	131.4
166	106.6	90.9	168.9

