

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056681.D
 Acq On : 07 Dec 2023 14:51
 Operator : MD/SY
 Sample : 05627-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC0

Quant Time: Dec 08 02:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

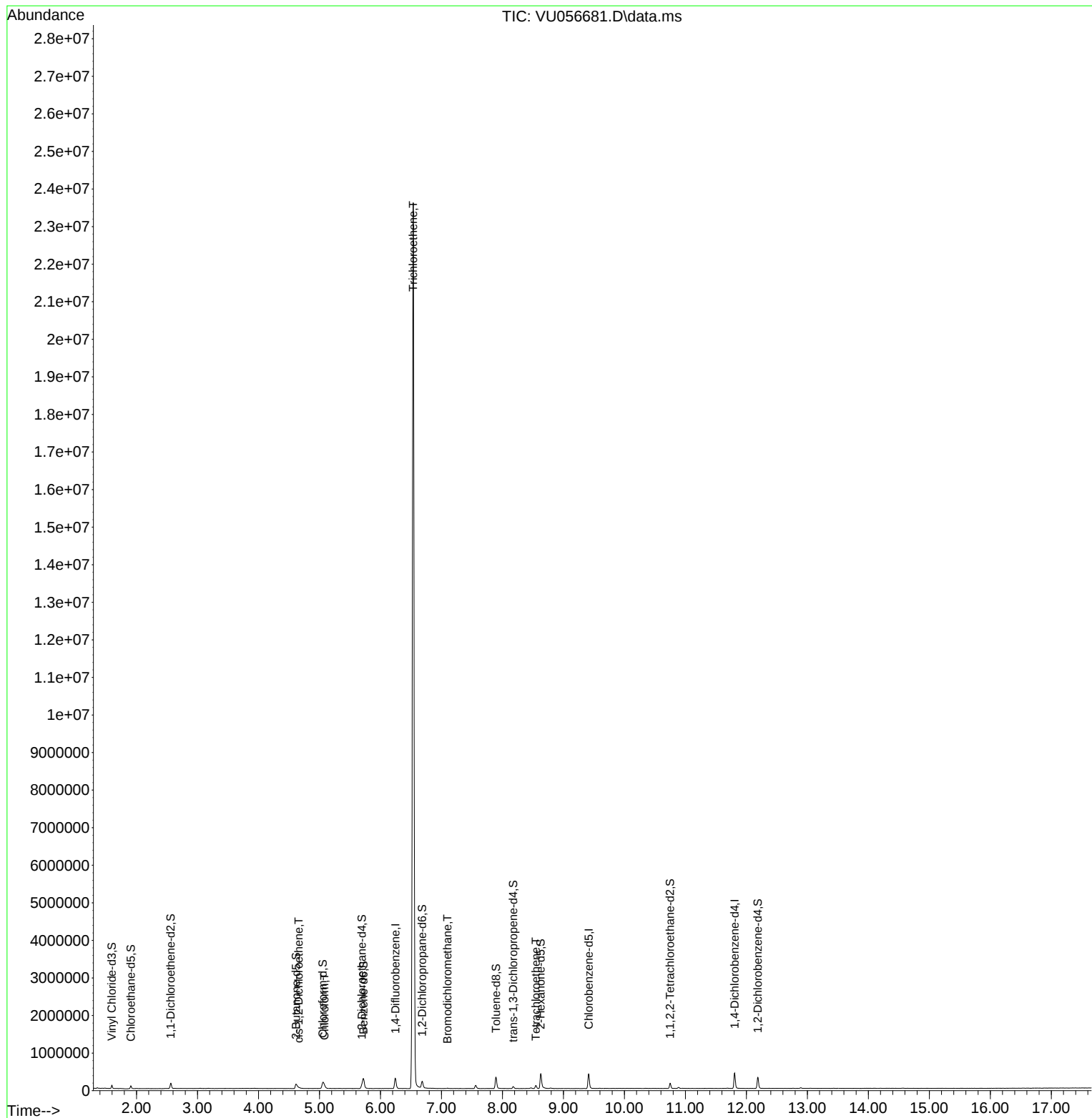
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	225493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	233072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53990	3.201	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.000%	
7) Chloroethane-d5	1.907	69	51879	4.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.560	65	26116	3.509	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	4.615	46	181937	54.098	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.200%	
24) Chloroform-d	5.055	84	147143	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.695	65	72322	4.798	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.721	84	254575	3.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.400%	
36) 1,2-Dichloropropane-d6	6.685	67	86201	4.119	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.894	98	216233	3.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	8.177	79	30730	3.828	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.600%	
46) 2-Hexanone-d5	8.627	63	135700	43.020	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.040%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68205	4.561	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	81193	3.975	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	79.600%#	
Target Compounds						
						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	5997	0.372	ug/L	92
25) Chloroform	5.081	83	66282	2.175	ug/L	100
34) Trichloroethene	6.537	95	8524564	470.460	ug/L	97
38) Bromodichloromethane	7.100	83	5687	0.254	ug/L	98
47) Tetrachloroethene	8.550	164	16832	1.378	ug/L	96

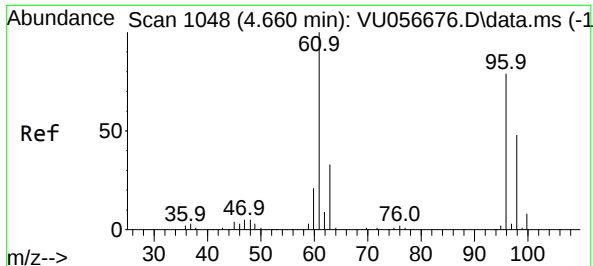
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.372 ug/L

RT: 4.660 min Scan# 1104

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

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DCLC0

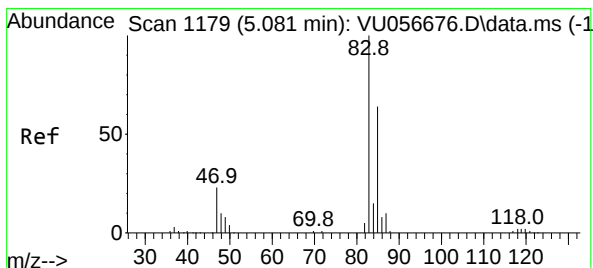
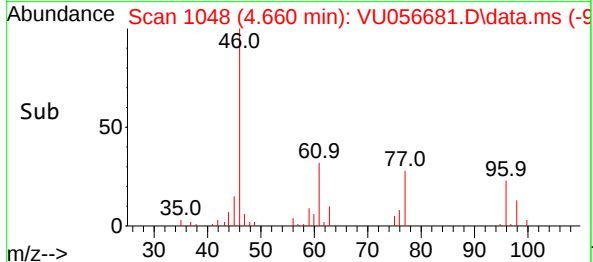
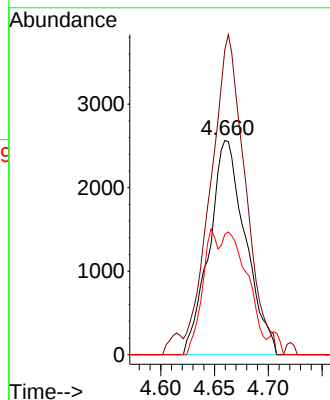
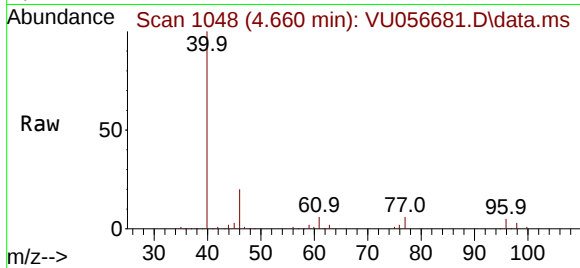
Tgt Ion: 96 Resp: 5997

Ion Ratio Lower Upper

96 100

61 142.3 93.2 173.2

98 56.2 44.8 83.2



#25

Chloroform

Concen: 2.175 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056681.D

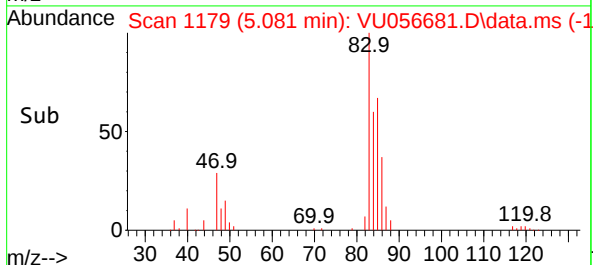
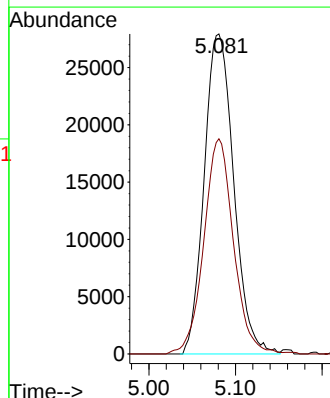
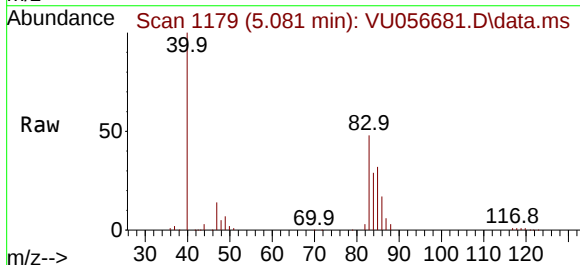
Acq: 07 Dec 2023 14:51

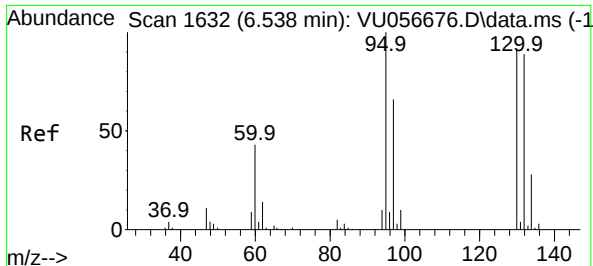
Tgt Ion: 83 Resp: 66282

Ion Ratio Lower Upper

83 100

85 67.2 47.0 87.2



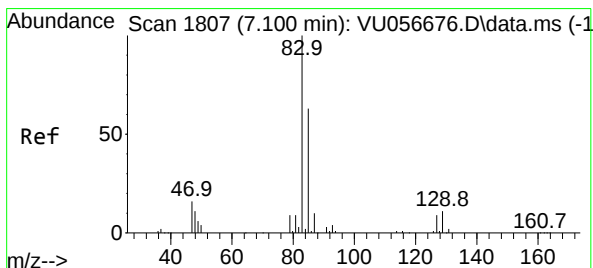
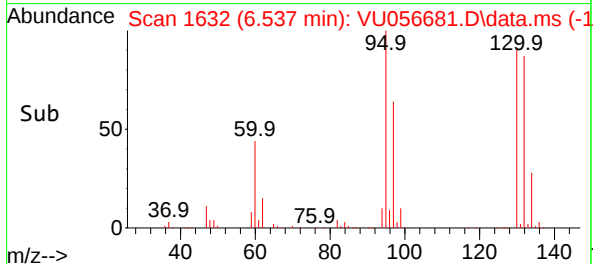
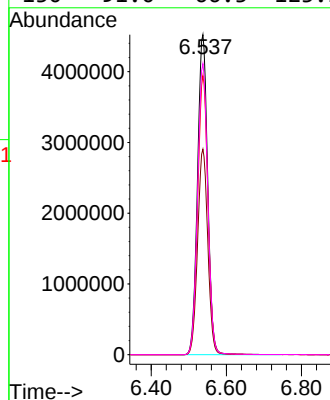
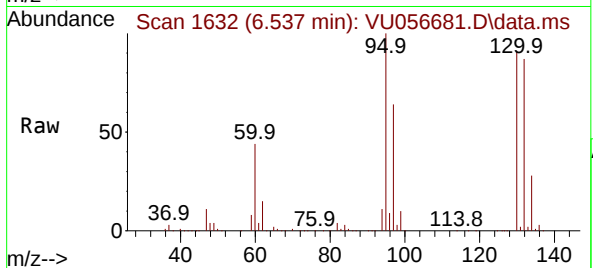


#34
Trichloroethene
Concen: 470.460 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056681.D
Acq: 07 Dec 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
DCLC0

Tgt Ion: 95 Resp: 8524564

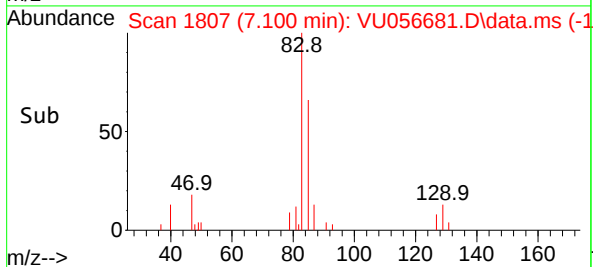
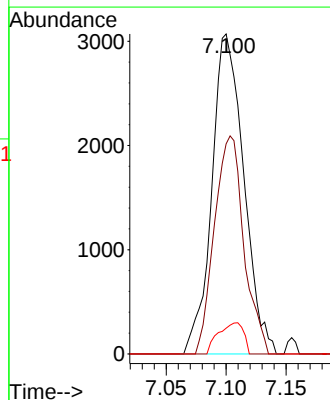
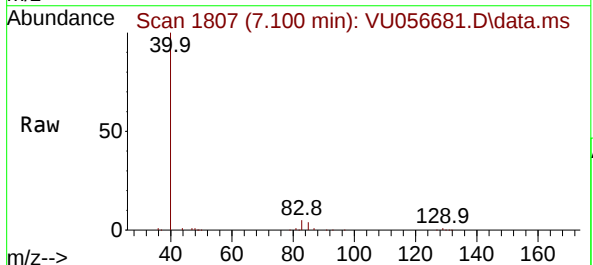
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.3
132	87.2	62.0	115.2
130	91.0	66.3	123.1

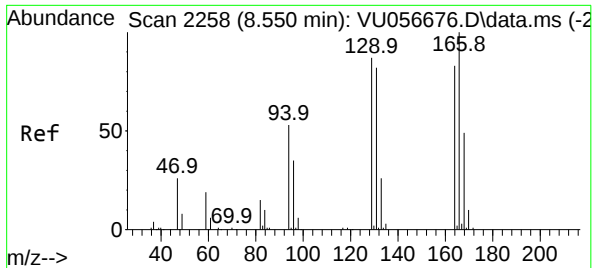


#38
Bromodichloromethane
Concen: 0.254 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056681.D
Acq: 07 Dec 2023 14:51

Tgt Ion: 83 Resp: 5687

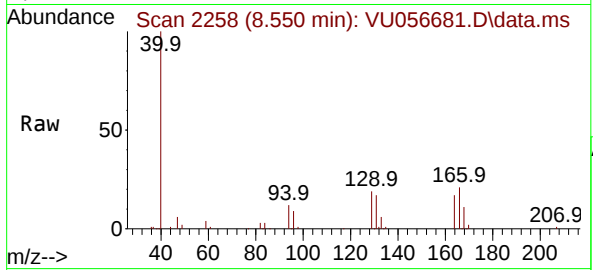
Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.9	83.5
127	8.1	6.9	10.3





#47
 Tetrachloroethene
 Concen: 1.378 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056681.D
 Acq: 07 Dec 2023 14:51

Instrument :
 MSVOA_U
 ClientSampleId :
 DCLC0



Tgt Ion:	164	Resp:	16832
Ion	Ratio	Lower	Upper
164	100		
129	109.3	71.0	131.9
131	101.5	70.3	130.7
166	125.3	89.8	166.8

