

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057027.D
 Acq On : 19 Dec 2023 05:44
 Operator : MD/SY
 Sample : 05843-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C70

Quant Time: Dec 19 06:11:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

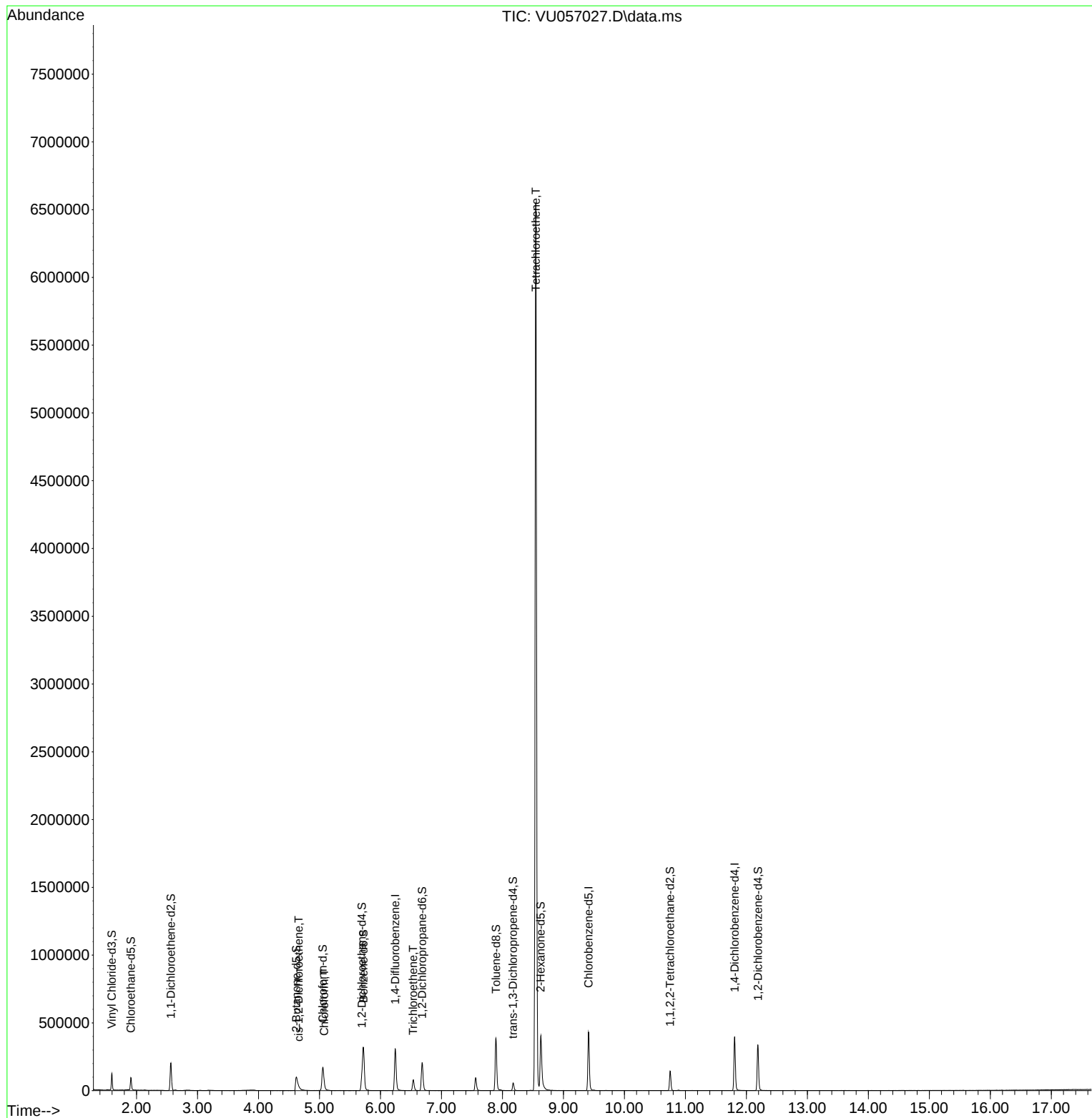
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	246036	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	86363	4.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.907	69	67091	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.563	65	39032	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.621	46	163952	39.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.740%
24) Chloroform-d	5.055	84	160590	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.695	65	78522	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.721	84	308409	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	105556	4.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.894	98	267924	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	33853	3.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.627	63	142354	40.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73879	4.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	91284	4.338	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	4488	0.204	ug/L	95
25) Chloroform	5.078	83	16601	0.407	ug/L	94
34) Trichloroethene	6.537	95	28341	1.186	ug/L	95
47) Tetrachloroethene	8.547	164	1414477	84.594	ug/L	97

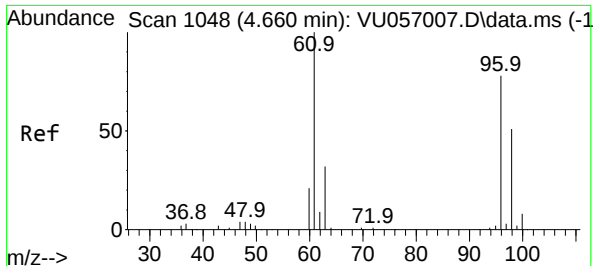
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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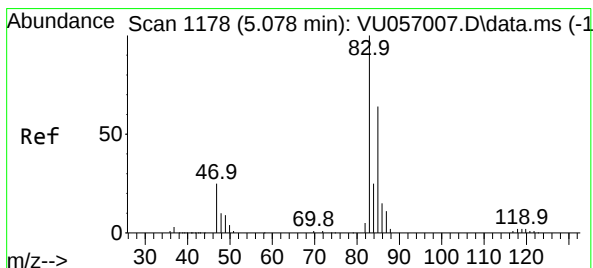
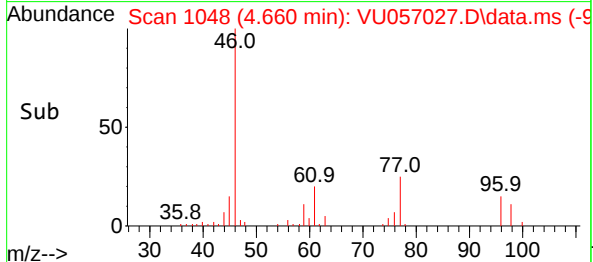
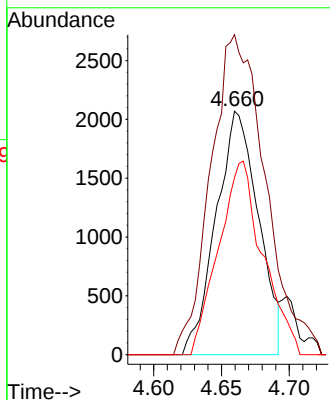
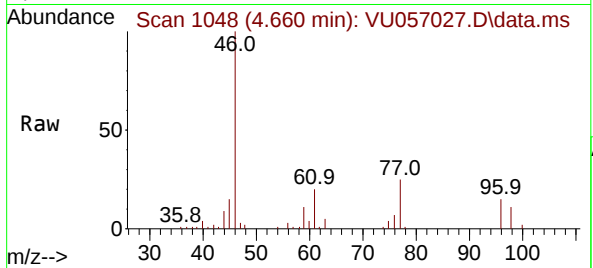




#22
 cis-1,2-Dichloroethene
 Concen: 0.204 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU057027.D
 Acq: 19 Dec 2023 05:44

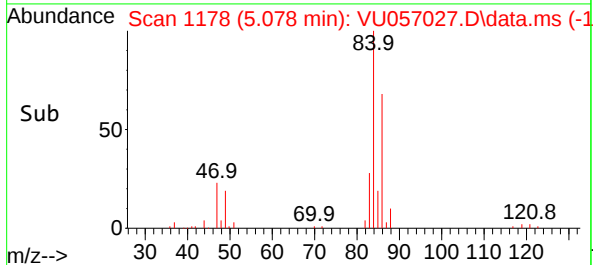
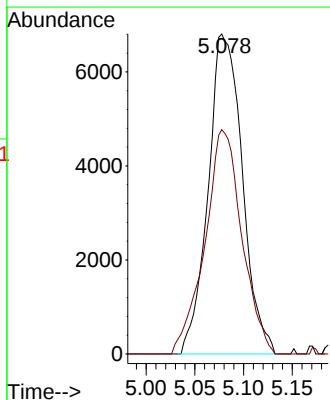
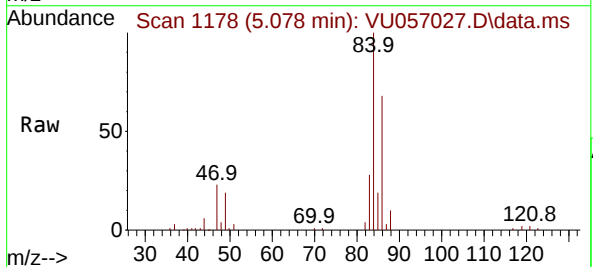
Instrument :
 MSVOA_U
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 F7C70

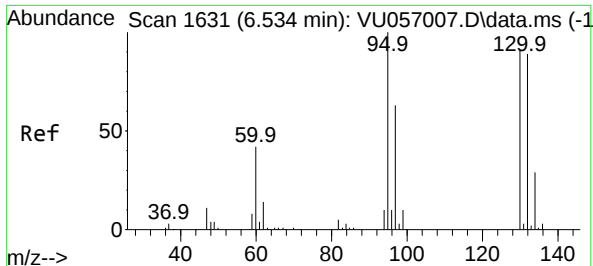
Tgt Ion: 96 Resp: 4488
 Ion Ratio Lower Upper
 96 100
 61 131.4 91.3 169.6
 98 72.7 44.2 82.0



#25
 Chloroform
 Concen: 0.407 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VU057027.D
 Acq: 19 Dec 2023 05:44

Tgt Ion: 83 Resp: 16601
 Ion Ratio Lower Upper
 83 100
 85 70.1 45.8 85.0



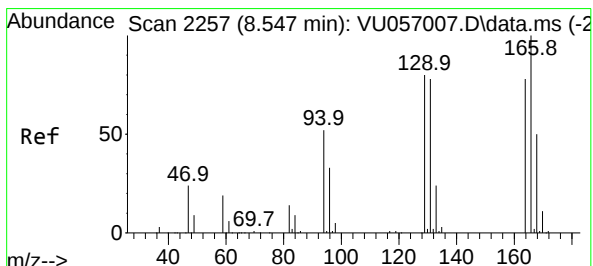
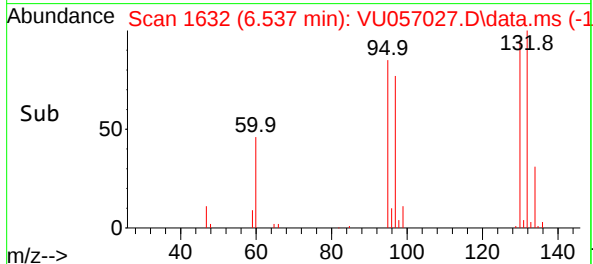
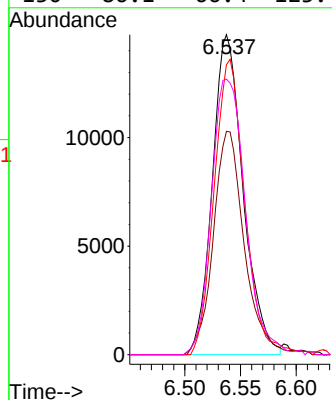
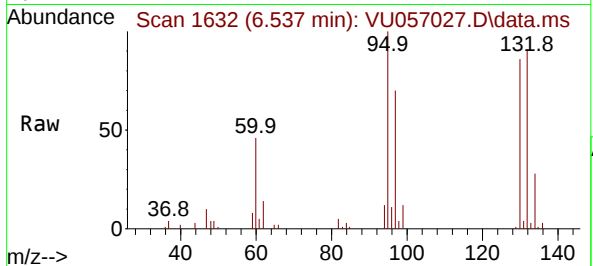


#34
Trichloroethene
Concen: 1.186 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

Instrument :
MSVOA_U
ClientSampleId :
F7C70

Tgt Ion: 95 Resp: 28341

Ion	Ratio	Lower	Upper
95	100		
97	69.8	46.1	85.5
132	90.7	63.6	118.0
130	86.1	66.4	123.4



#47
Tetrachloroethene
Concen: 84.594 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057027.D
Acq: 19 Dec 2023 05:44

Tgt Ion: 164 Resp: 1414477

Ion	Ratio	Lower	Upper
164	100		
129	103.6	73.4	136.4
131	99.7	71.5	132.9
166	126.6	92.7	172.1

