

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058307.D
 Acq On : 01 Apr 2024 12:45
 Operator : MD/SY
 Sample : P1912-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOD2

Quant Time: Apr 02 02:26:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

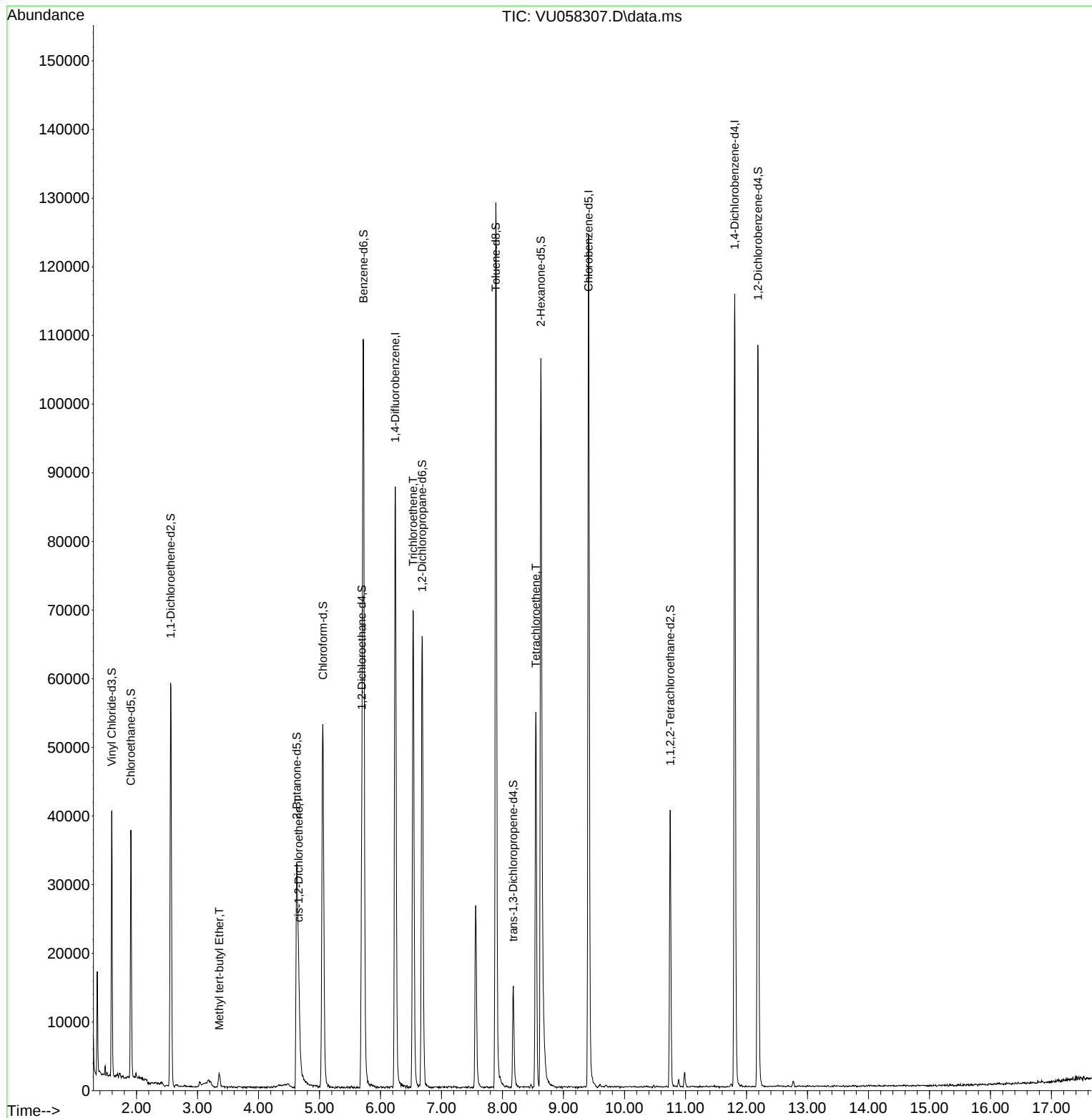
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	71992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27331	4.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.907	69	24673	4.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.560	65	11564	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.627	46	53956	49.921	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.840%
24) Chloroform-d	5.055	84	50979	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.695	65	24929	4.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	105102	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.682	67	32565	4.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	88056	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.177	79	9350	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	39536	45.841	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20556	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27343	4.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
17) Methyl tert-butyl Ether	3.357	73	2357	0.243	ug/L	# 87
22) cis-1,2-Dichloroethene	4.660	96	3736	0.802	ug/L	99
34) Trichloroethene	6.534	95	24702	5.199	ug/L	97
47) Tetrachloroethene	8.547	164	11508	3.616	ug/L	97

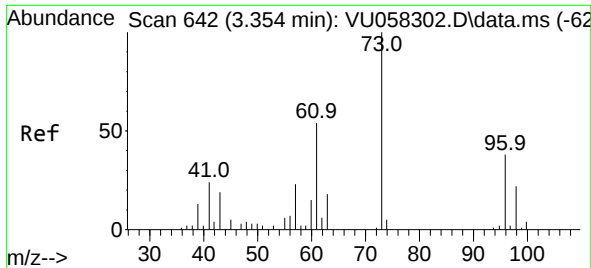
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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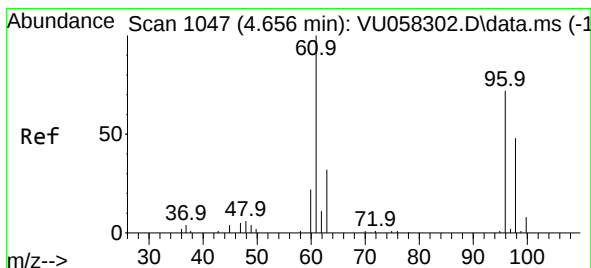
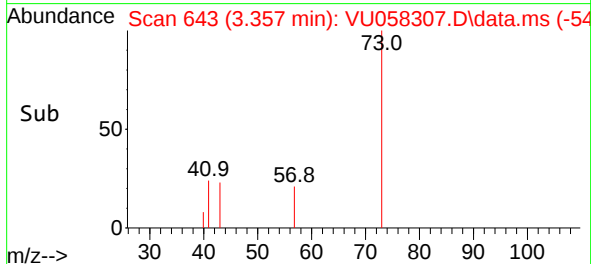
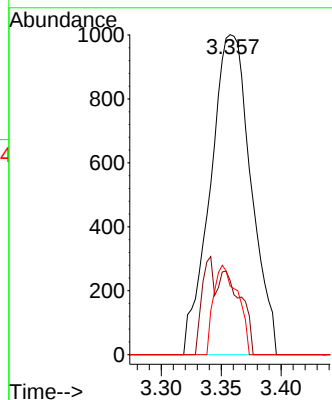
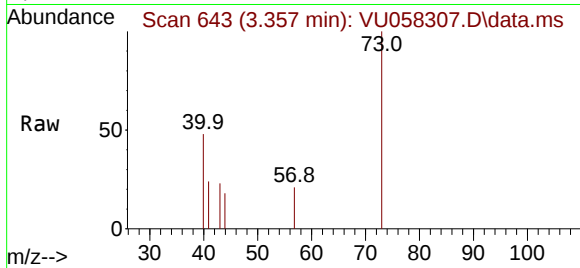




#17
Methyl tert-butyl Ether
Concen: 0.243 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45

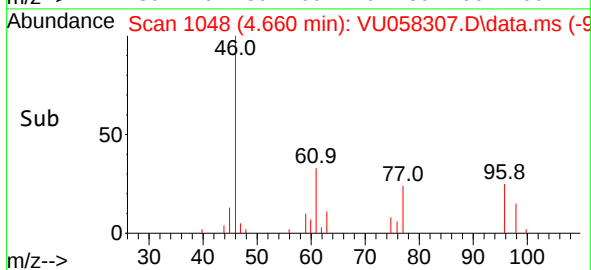
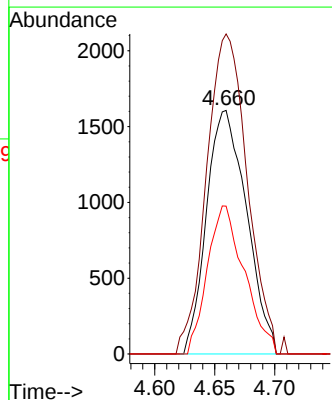
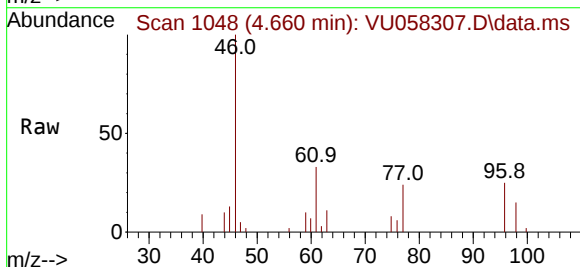
Instrument :
MSVOA_U
ClientSampleId :
DCOD2

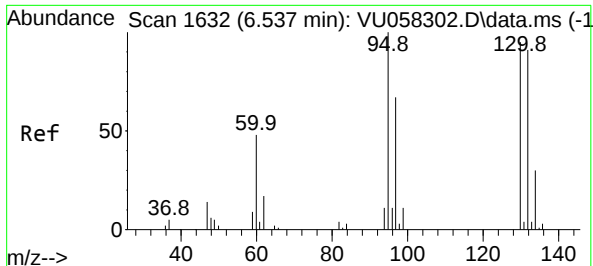
Tgt Ion: 73 Resp: 2357
Ion Ratio Lower Upper
73 100
43 13.0 15.5 23.3#
57 16.5 18.0 27.0#



#22
cis-1,2-Dichloroethene
Concen: 0.802 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45

Tgt Ion: 96 Resp: 3736
Ion Ratio Lower Upper
96 100
61 131.4 92.8 172.4
98 60.7 43.2 80.2



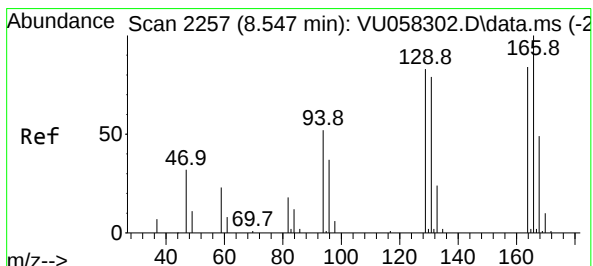
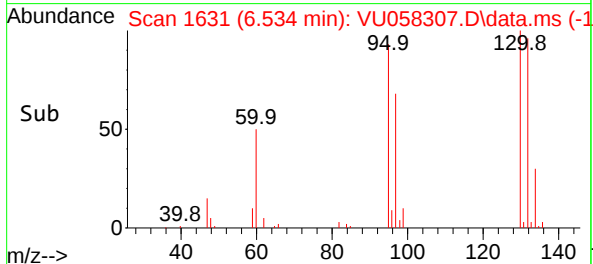
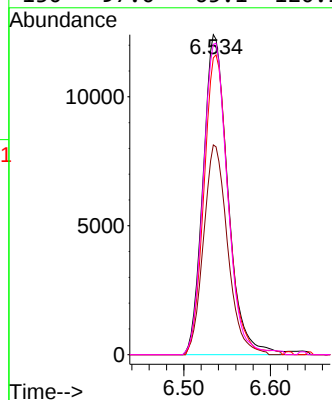
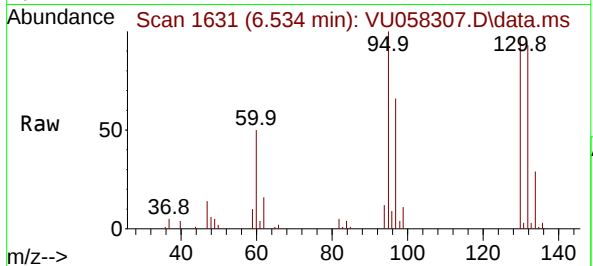


#34
Trichloroethene
Concen: 5.199 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45

Instrument :
MSVOA_U
ClientSampleId :
DCOD2

Tgt Ion: 95 Resp: 24702

Ion	Ratio	Lower	Upper
95	100		
97	65.5	47.7	88.7
132	92.7	63.6	118.2
130	97.0	65.1	120.9



#47
Tetrachloroethene
Concen: 3.616 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058307.D
Acq: 01 Apr 2024 12:45

Tgt Ion: 164 Resp: 11508

Ion	Ratio	Lower	Upper
164	100		
129	104.0	71.3	132.3
131	95.9	70.8	131.4
166	131.2	90.9	168.9

