

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057192.D
 Acq On : 22 Dec 2023 16:08
 Operator : MD/SY
 Sample : 05927-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3P3

Quant Time: Dec 22 22:49:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

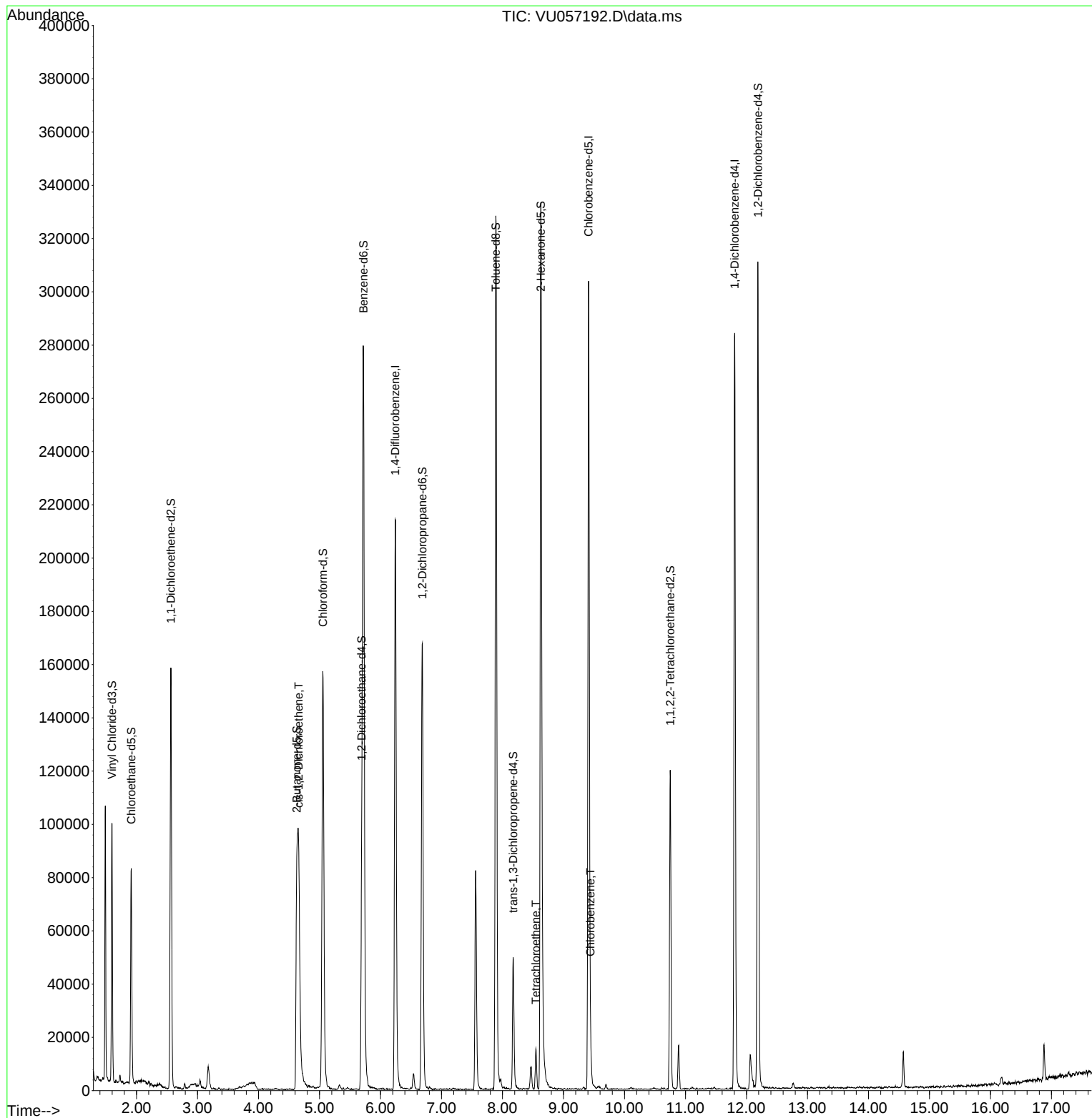
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172966	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76214	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	68638	4.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.914	69	60945	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.563	65	29910	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.627	46	139293	53.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	5.055	84	144631	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.692	65	73502	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	265149	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.685	67	81918	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.891	98	220596	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.174	79	30267	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.627	63	117666	49.790	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58279	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	79983	4.877	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	29306	2.110	ug/L	98
47) Tetrachloroethene	8.547	164	3062	0.270	ug/L	91
51) Chlorobenzene	9.441	112	5291	0.142	ug/L #	93

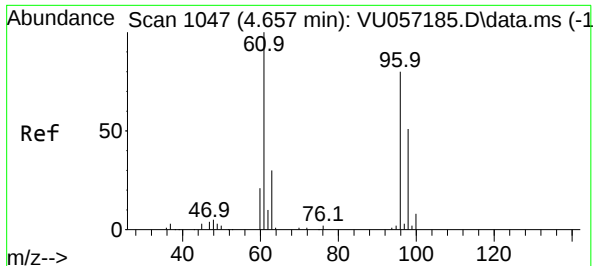
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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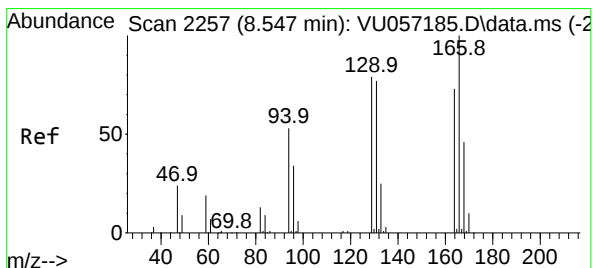
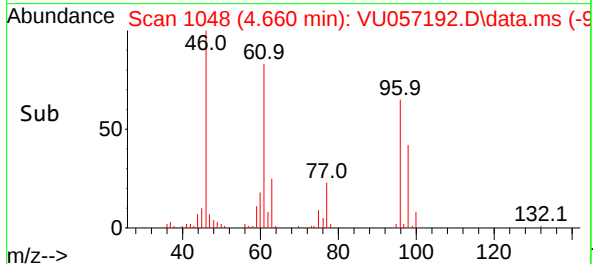
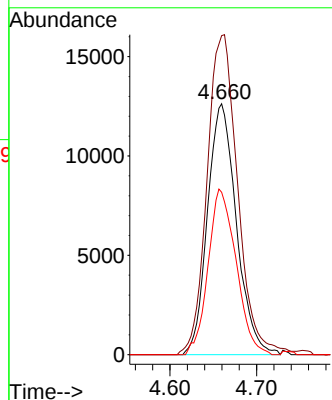
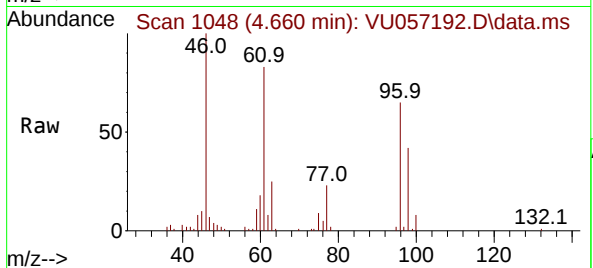




#22
cis-1,2-Dichloroethene
Concen: 2.110 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

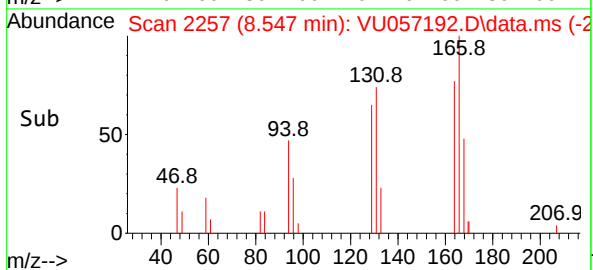
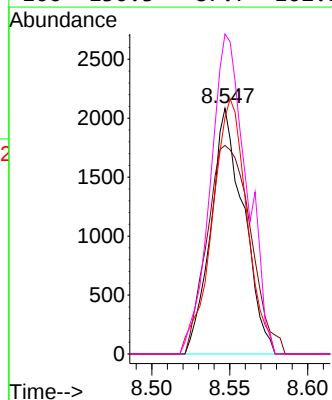
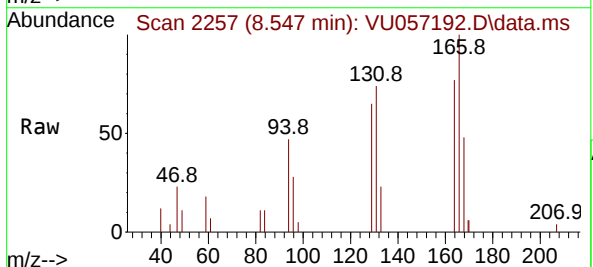
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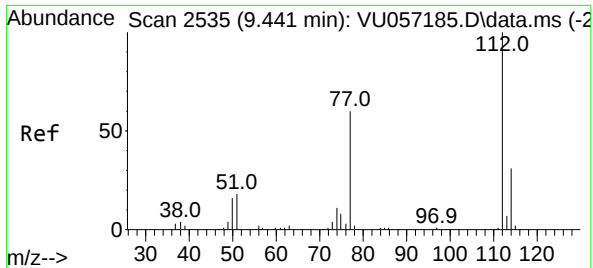
Tgt Ion: 96 Resp: 29306
Ion Ratio Lower Upper
96 100
61 127.1 86.8 161.2
98 64.7 45.5 84.5



#47
Tetrachloroethene
Concen: 0.270 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU057192.D
Acq: 22 Dec 2023 16:08

Tgt Ion: 164 Resp: 3062
Ion Ratio Lower Upper
164 100
129 84.9 72.9 135.3
131 96.3 71.7 133.3
166 130.3 87.7 162.9





#51
 Chlorobenzene
 Concen: 0.142 ug/L
 RT: 9.441 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU057192.D
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Tgt Ion:112	Resp:	5291
Ion	Ratio	Lower Upper
112	100	
114	42.9	22.7 42.1#
77	65.8	52.2 78.2

