

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057348.D
 Acq On : 28 Dec 2023 21:11
 Operator : MD/SY
 Sample : 05998-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7A63DL

Quant Time: Dec 28 21:40:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

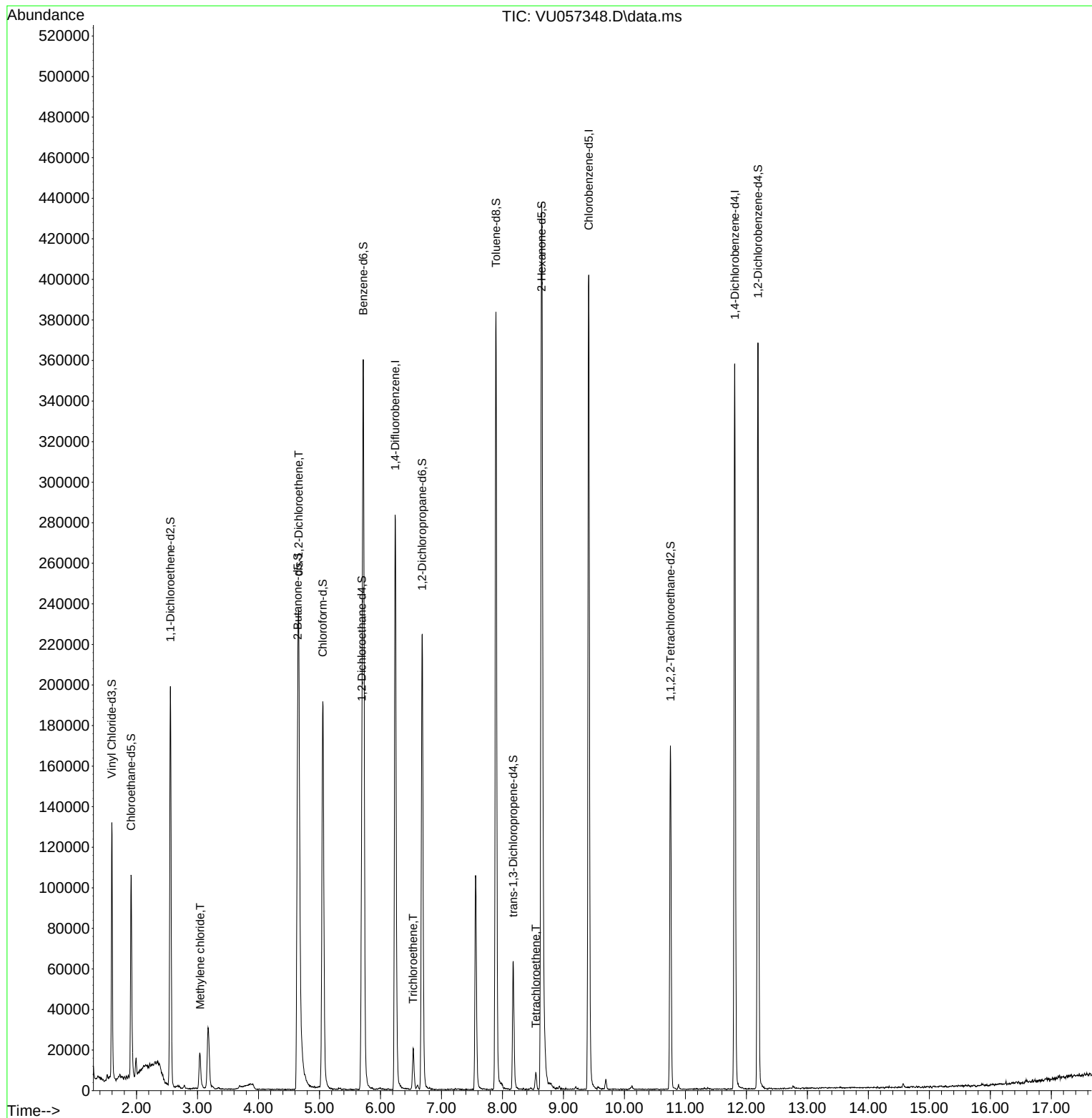
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	224966	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	230096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92548	4.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.911	69	84747	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.557	65	38861	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.644	46	235102	53.672	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.055	84	185380	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.695	65	90441	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.717	84	338064	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.682	67	111739	5.436	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.894	98	258603	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.177	79	38556	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.643	63	173828	46.538	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.080%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	87707	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	96099	5.688	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	8409	0.443	ug/L	83
22) cis-1,2-Dichloroethene	4.660	96	75904	4.501	ug/L	96
34) Trichloroethene	6.537	95	6294	0.356	ug/L	96
47) Tetrachloroethene	8.547	164	1767	0.142	ug/L	96

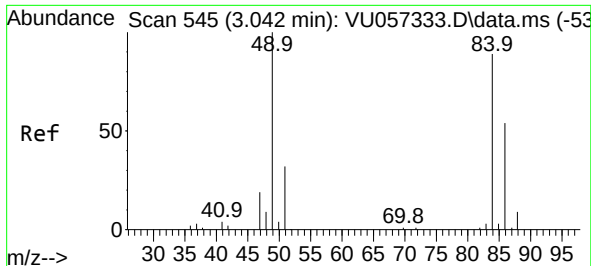
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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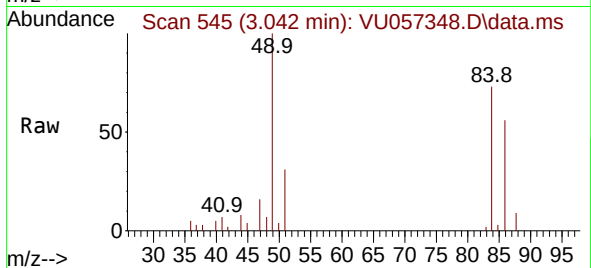
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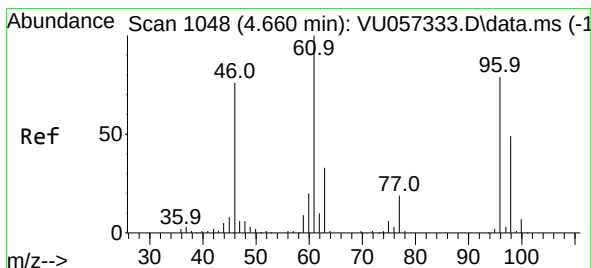
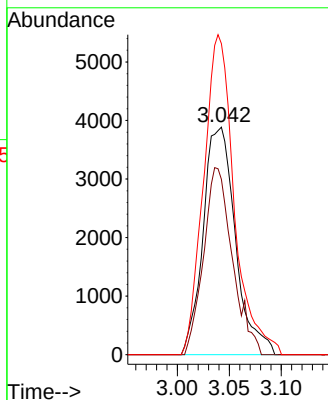
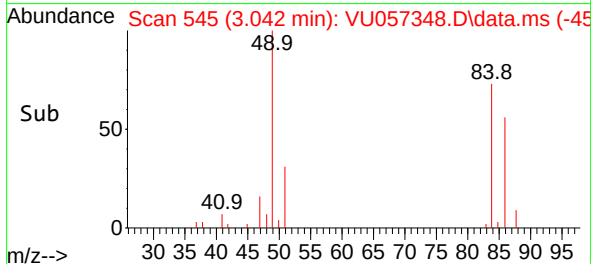


#16
Methylene chloride
Concen: 0.443 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11

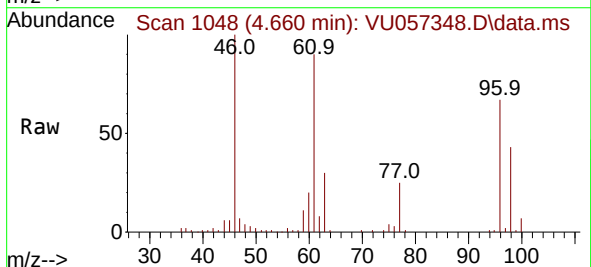
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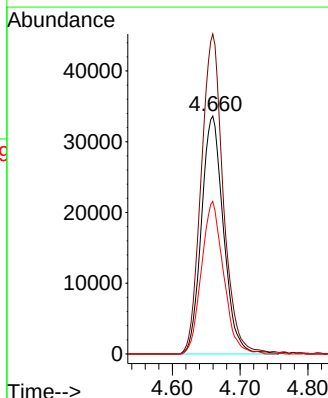
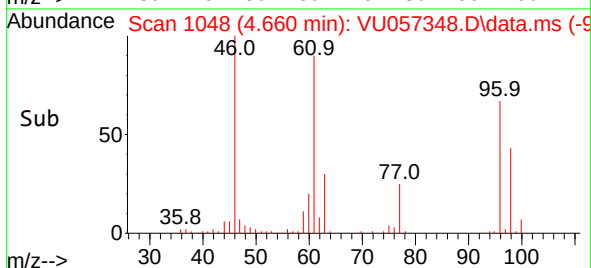
Tgt Ion: 84 Resp: 8409
Ion Ratio Lower Upper
84 100
86 77.1 43.8 81.3
49 136.7 83.2 154.4

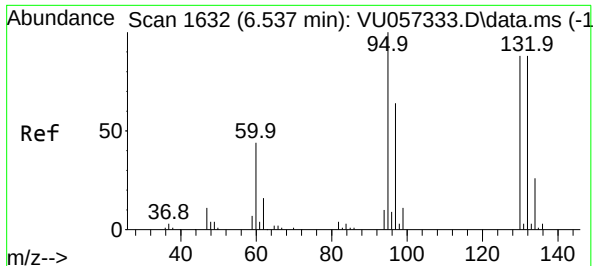


#22
cis-1,2-Dichloroethene
Concen: 4.501 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11



Tgt Ion: 96 Resp: 75904
Ion Ratio Lower Upper
96 100
61 134.5 91.1 169.3
98 64.1 42.6 79.0



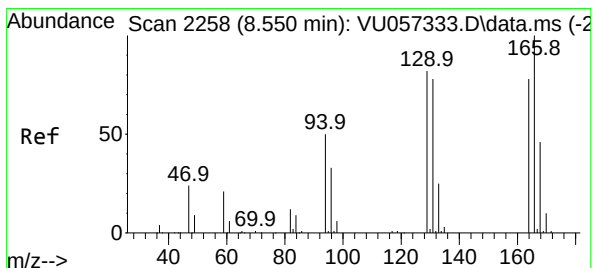
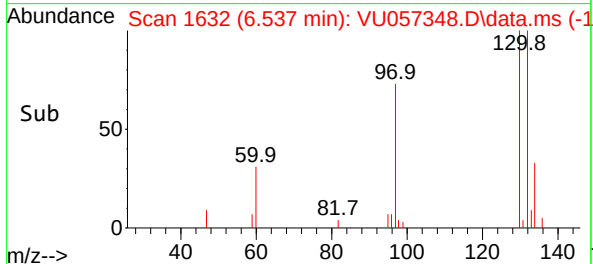
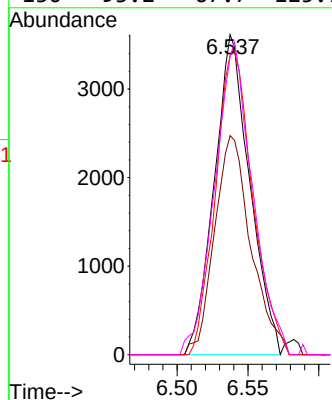
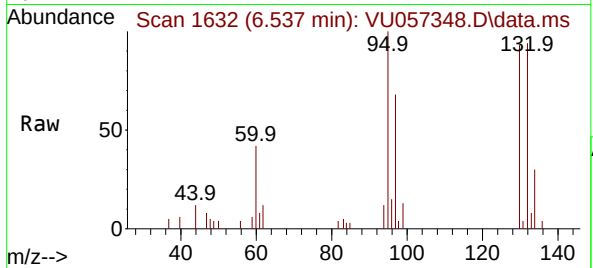


#34
Trichloroethene
Concen: 0.356 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 6294

Ion	Ratio	Lower	Upper
95	100		
97	68.5	45.3	84.1
132	93.6	63.1	117.3
130	93.2	67.7	125.7



#47
Tetrachloroethene
Concen: 0.142 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057348.D
Acq: 28 Dec 2023 21:11

Tgt Ion: 164 Resp: 1767

Ion	Ratio	Lower	Upper
164	100		
129	99.6	71.3	132.5
131	92.8	70.7	131.3
166	130.9	89.1	165.5

