

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053862.D
 Acq On : 24 Apr 2023 23:22
 Operator : JC/MD
 Sample : 02433-06 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE42

Quant Time: Apr 25 05:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 05:01:02 2023
 Response via : Initial Calibration

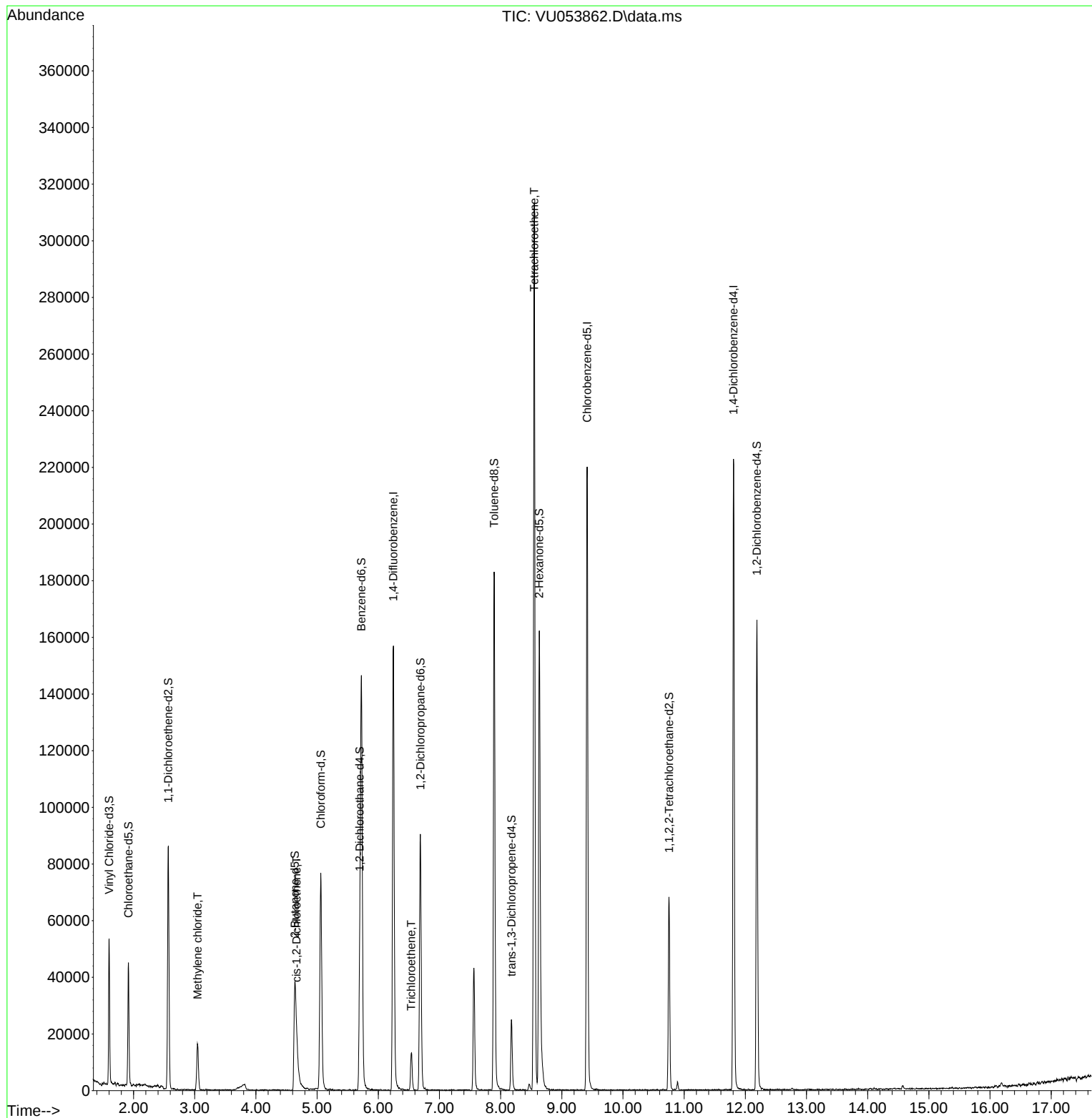
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	62523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38417	4.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.916	69	31980	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.565	65	15180	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.636	46	73864	48.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.260%
24) Chloroform-d	5.060	84	72204	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.697	65	35532	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.723	84	149621	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.687	67	45207	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.893	98	131757	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	15631	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.629	63	59883	46.205	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.420%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35085	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	45735	4.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
16) Methylene chloride	3.044	84	8729	0.747	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	1615	0.165	ug/L	82
34) Trichloroethene	6.536	95	4978	0.496	ug/L	95
47) Tetrachloroethene	8.549	164	68640	8.629	ug/L	97

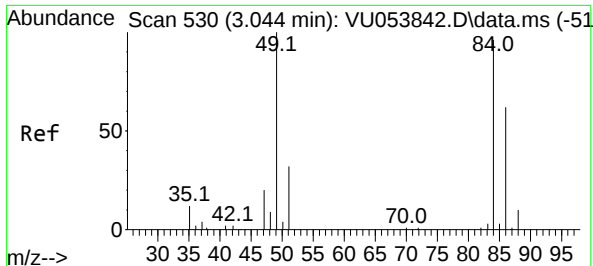
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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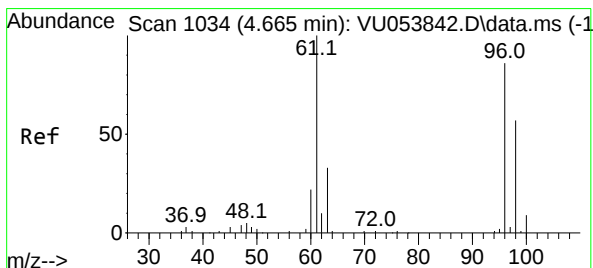
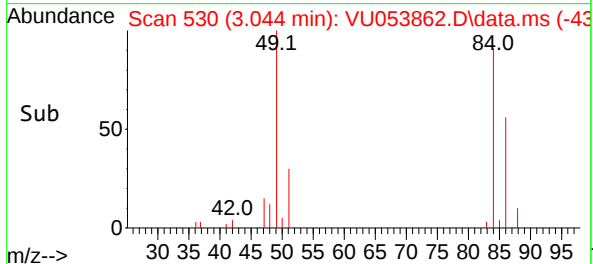
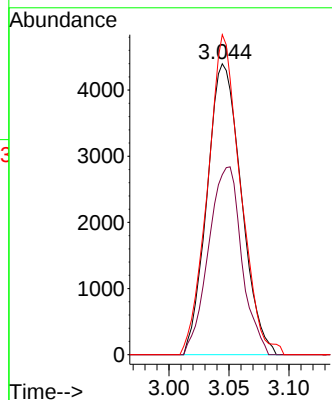
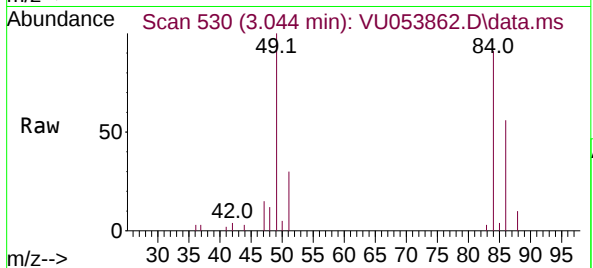




#16
Methylene chloride
Concen: 0.747 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053862.D
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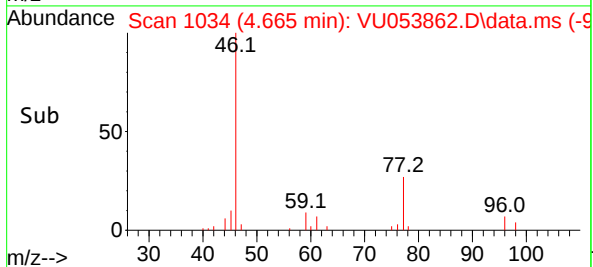
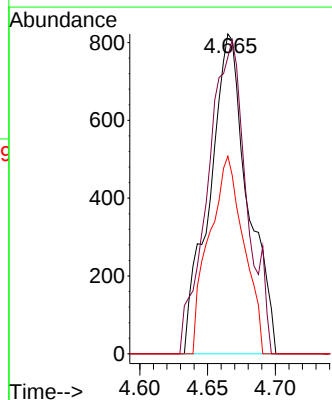
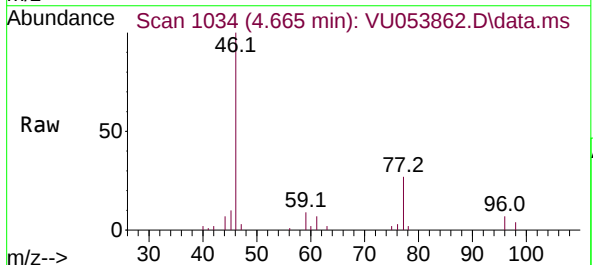
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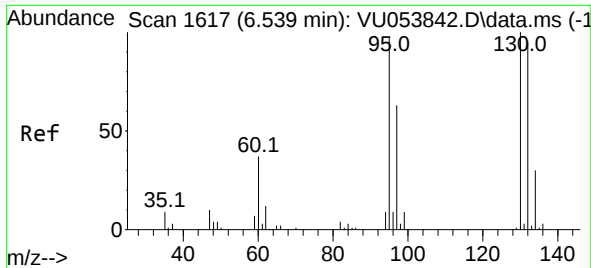
Tgt Ion: 84 Resp: 8729
Ion Ratio Lower Upper
84 100
86 61.9 45.0 83.6
49 110.0 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Tgt Ion: 96 Resp: 1615
Ion Ratio Lower Upper
96 100
61 92.8 84.3 156.5
98 61.8 46.4 86.2



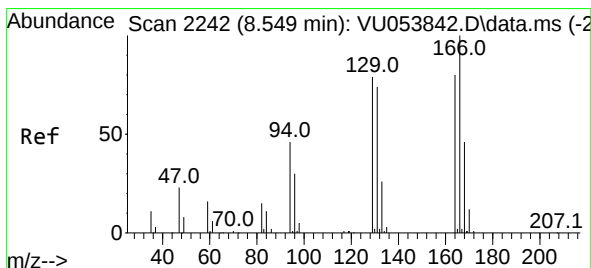
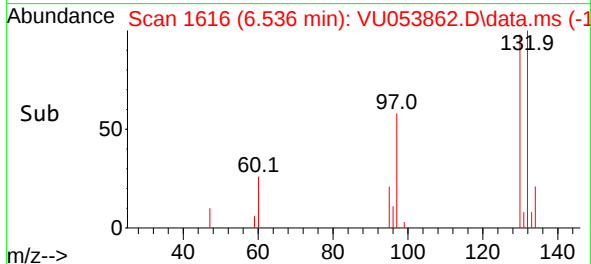
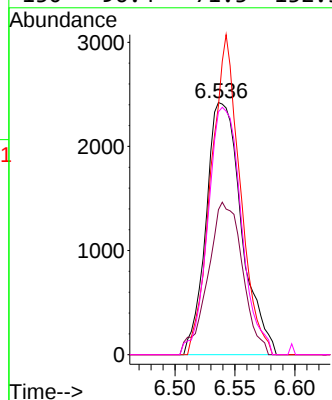
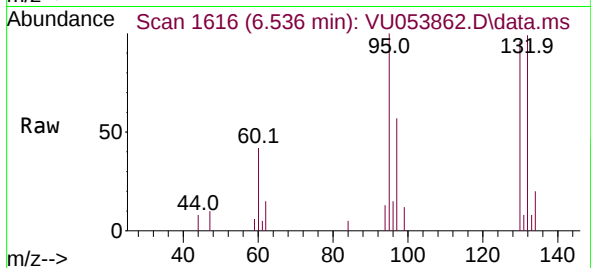


#34
Trichloroethene
Concen: 0.496 ug/L
RT: 6.536 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 4978

Ion	Ratio	Lower	Upper
95	100		
97	57.5	45.1	83.9
132	98.7	69.9	129.9
130	96.4	71.3	132.3



#47
Tetrachloroethene
Concen: 8.629 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Tgt Ion: 164 Resp: 68640

Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.3	126.8
131	97.8	64.4	119.6
166	130.2	88.3	163.9

