

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053953.D
 Acq On : 27 Apr 2023 22:29
 Operator : JC/MD
 Sample : 02488-21 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE76

Quant Time: Apr 28 07:21:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

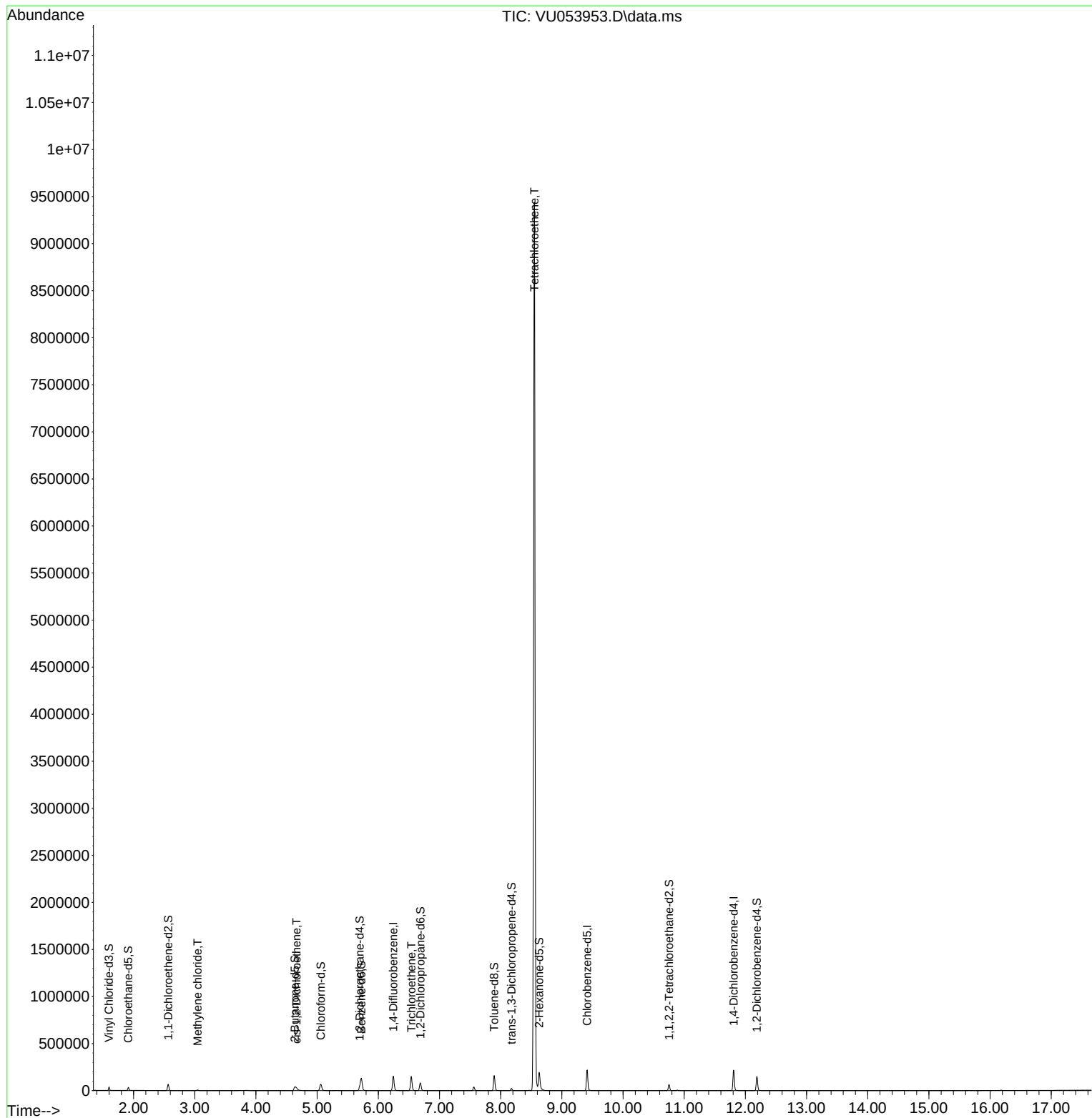
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27499	3.370	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.913	69	25957	3.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.565	65	13141	3.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.636	46	76356	51.087	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.180%
24) Chloroform-d	5.060	84	66720	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.697	65	31342	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.723	84	128988	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.687	67	41995	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.893	98	112789	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.176	79	14056	3.881	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.629	63	68077	53.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.220%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33152	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	43425	4.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	3404	0.296	ug/L	87
22) cis-1,2-Dichloroethene	4.665	96	5370	0.559	ug/L	95
34) Trichloroethene	6.539	95	50762	5.114	ug/L	98
47) Tetrachloroethene	8.552	164	2073986	263.639	ug/L	98

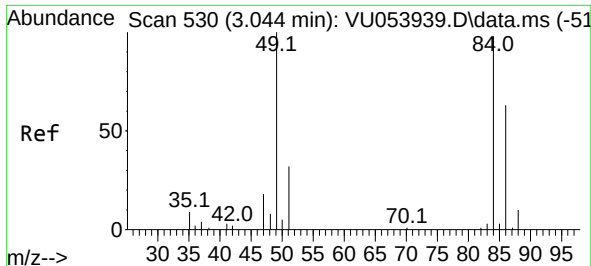
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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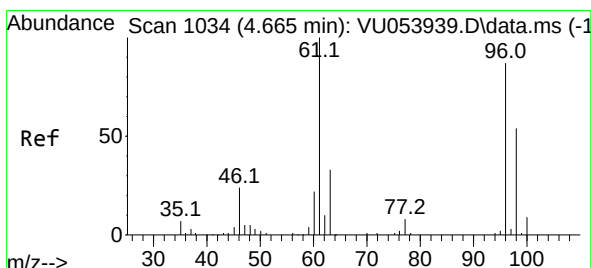
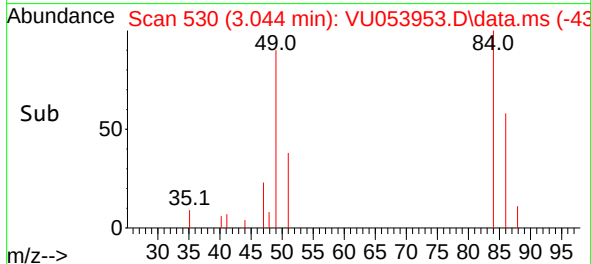
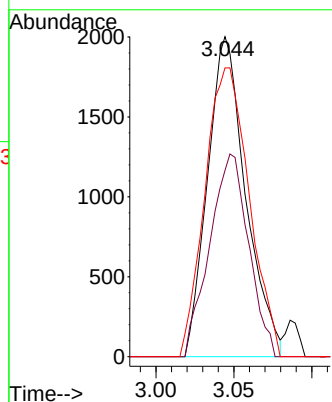
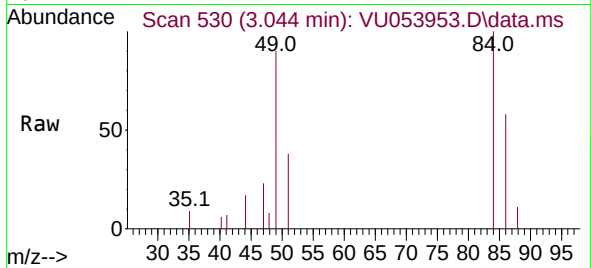




#16
Methylene chloride
Concen: 0.296 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053953.D
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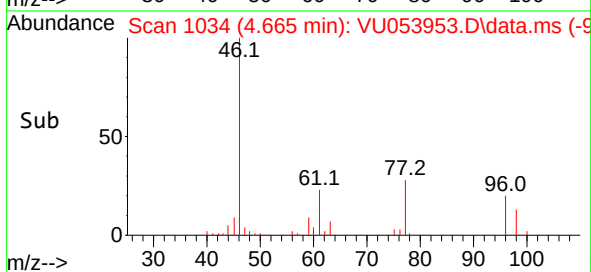
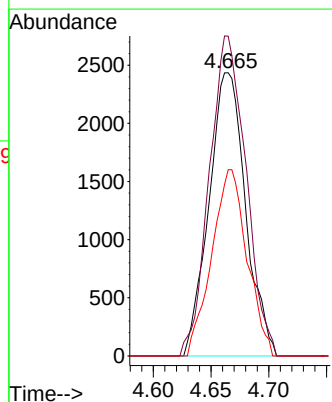
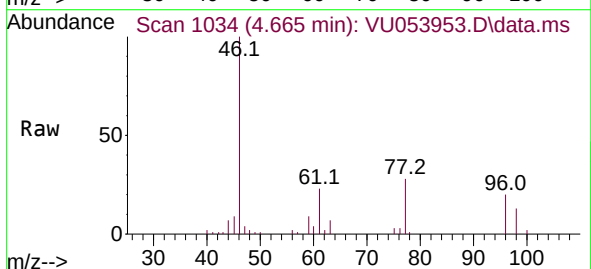
Instrument :
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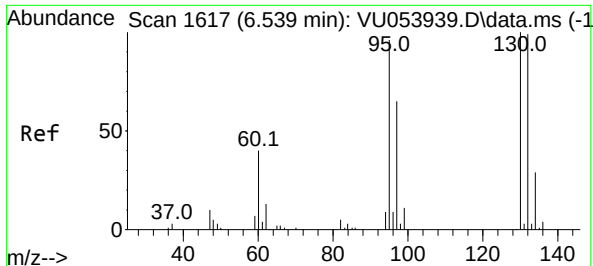
Tgt Ion: 84 Resp: 3404
Ion Ratio Lower Upper
84 100
86 58.2 45.0 83.6
49 90.3 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.559 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

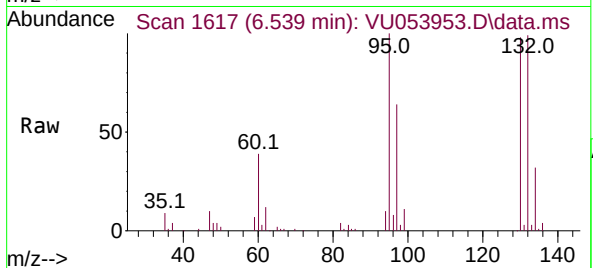
Tgt Ion: 96 Resp: 5370
Ion Ratio Lower Upper
96 100
61 112.9 84.3 156.5
98 65.8 46.4 86.2





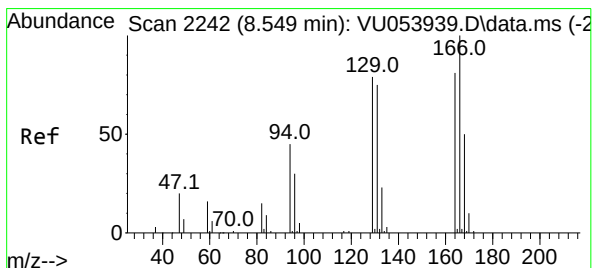
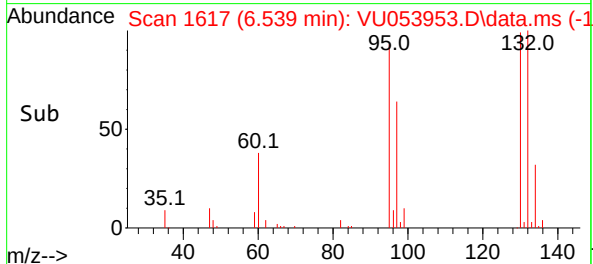
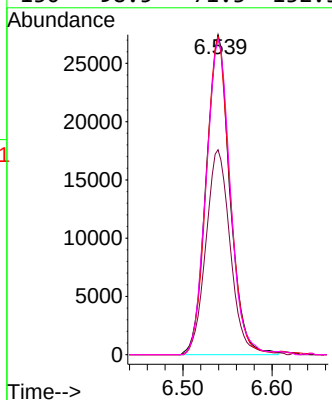
#34
Trichloroethene
Concen: 5.114 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 50762

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.1	83.9
132	99.4	69.9	129.9
130	98.5	71.3	132.3



#47
Tetrachloroethene
Concen: 263.639 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

Tgt Ion: 164 Resp: 2073986

Ion	Ratio	Lower	Upper
164	100		
129	98.4	68.3	126.8
131	95.6	64.4	119.6
166	127.9	88.3	163.9

