

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052049.D
 Acq On : 22 Nov 2022 18:49
 Operator : JC/MD
 Sample : N5684-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H3DL

Quant Time: Nov 23 00:49:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

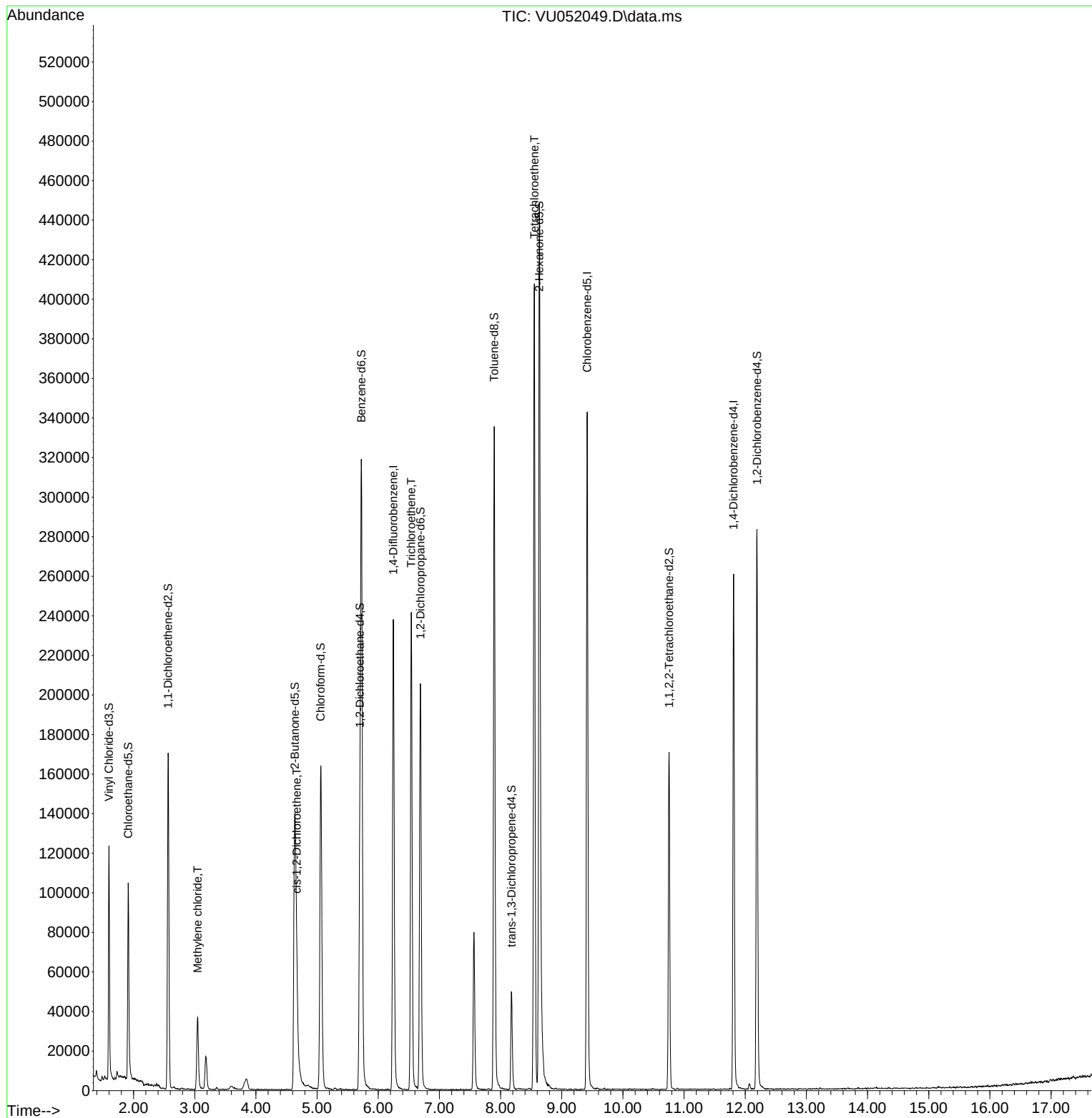
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	201332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	203673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89797	4.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.912	69	79732	5.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.565	65	32084	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.636	46	212294	59.805	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.600%
24) Chloroform-d	5.060	84	157692	5.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.700	65	82500	5.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.600%
32) Benzene-d6	5.726	84	309917	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.690	67	104848	5.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.000%
41) Toluene-d8	7.896	98	235196	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.179	79	29105	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.632	63	158380	54.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87140	5.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	78118	5.634	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						Qvalue
16) Methylene chloride	3.047	84	19343	0.979	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	10878	0.662	ug/L	94
34) Trichloroethene	6.539	95	85784	5.189	ug/L	99
47) Tetrachloroethene	8.552	164	92870	7.330	ug/L	99

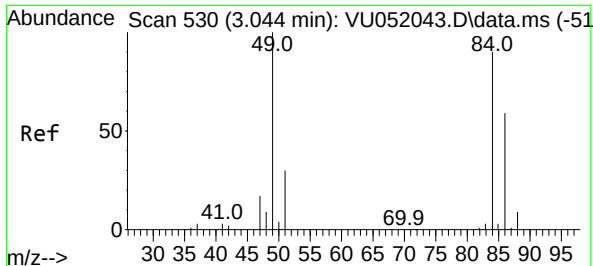
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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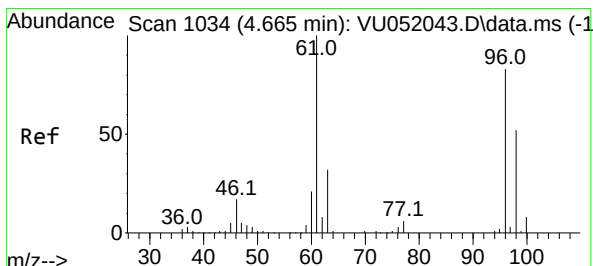
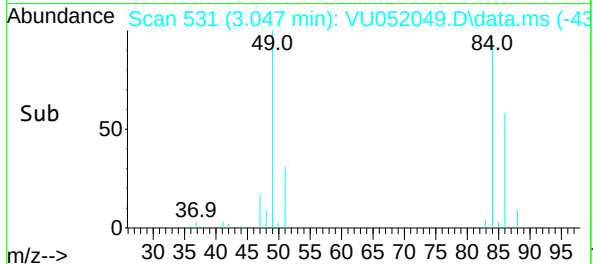
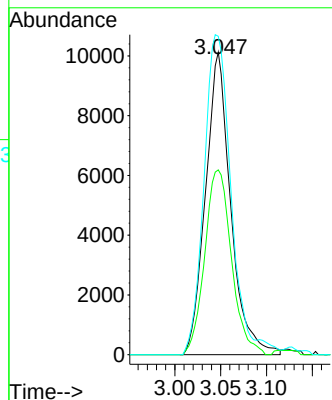
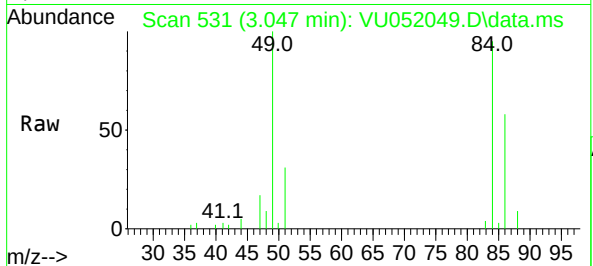




#16
Methylene chloride
Concen: 0.979 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052049.D
Acq: 22 Nov 2022 18:49

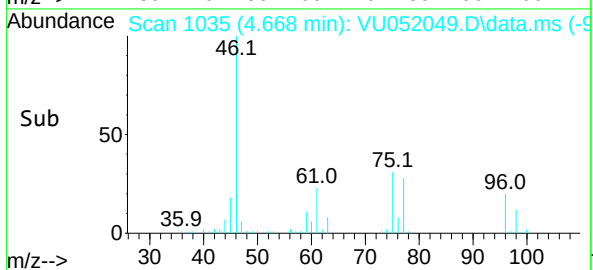
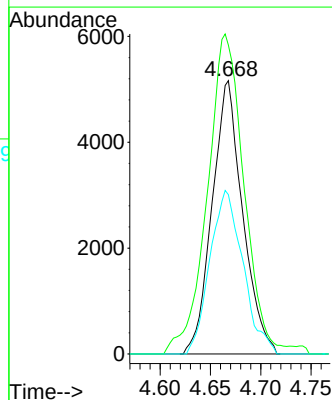
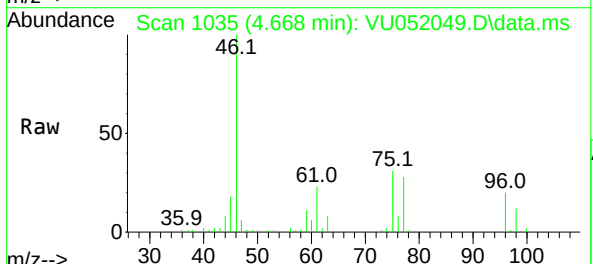
Instrument :
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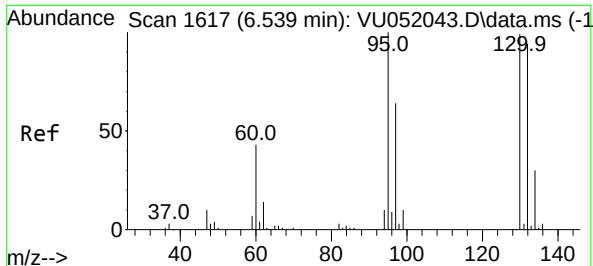
Tgt Ion: 84 Resp: 19343
Ion Ratio Lower Upper
84 100
86 61.1 43.8 81.4
49 105.3 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.662 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052049.D
Acq: 22 Nov 2022 18:49

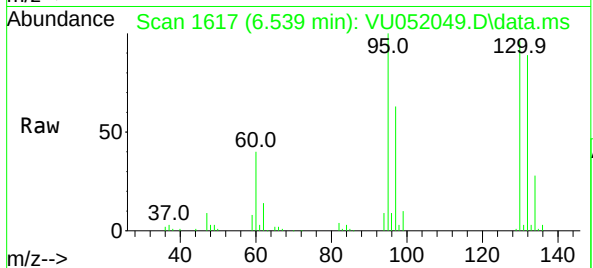
Tgt Ion: 96 Resp: 10878
Ion Ratio Lower Upper
96 100
61 113.1 85.1 158.1
98 58.3 42.8 79.6



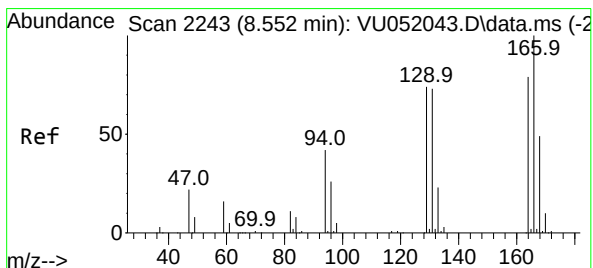
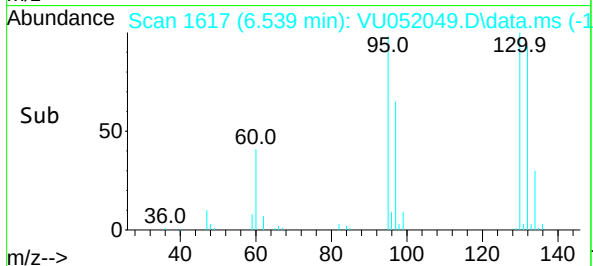
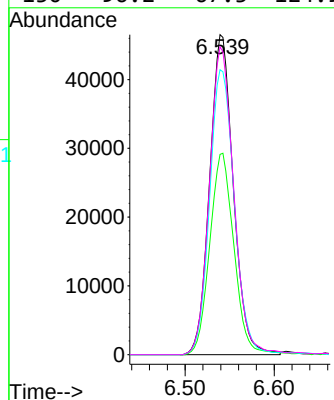


#34
Trichloroethene
Concen: 5.189 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 85784
Ion Ratio Lower Upper
95 100
97 62.6 43.7 81.1
132 89.1 64.3 119.3
130 96.2 67.3 124.9



#47
Tetrachloroethene
Concen: 7.330 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052049.D
Acq: 22 Nov 2022 18:49

Tgt Ion: 164 Resp: 92870
Ion Ratio Lower Upper
164 100
129 95.7 67.4 125.2
131 92.9 67.1 124.7
166 129.1 89.7 166.5

