

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053949.D
 Acq On : 27 Apr 2023 20:52
 Operator : JC/MD
 Sample : 02488-12 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE67

Quant Time: Apr 28 07:21:27 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)

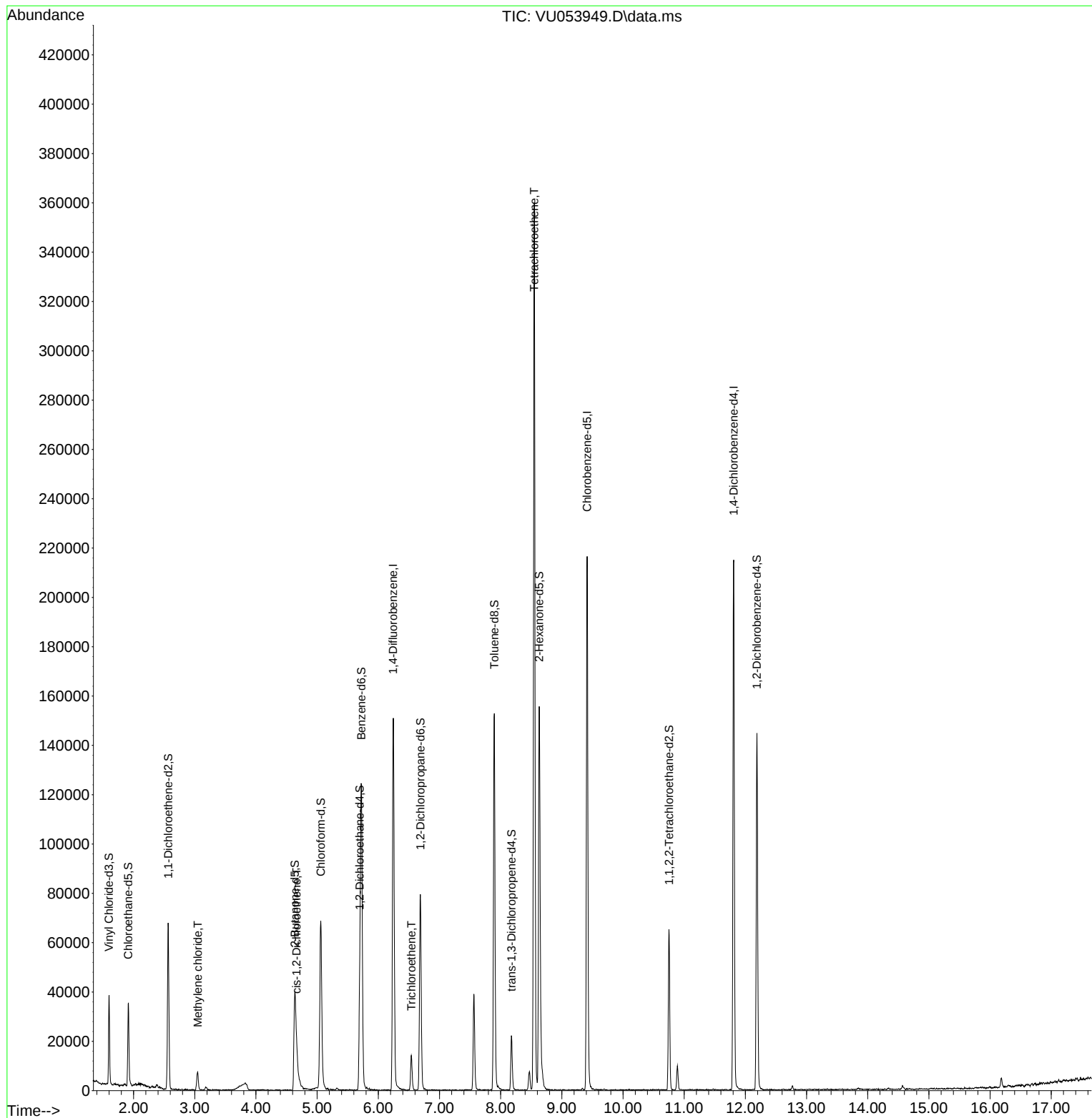
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	132705	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128795	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59960	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27251	3.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.913	69	25216	3.717	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.565	65	12399	3.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.636	46	73759	49.822	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.640%
24) Chloroform-d	5.060	84	65576	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.697	65	31958	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.723	84	123090	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.687	67	40369	4.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.896	98	109946	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.176	79	13180	3.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.629	63	58708	45.954	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32191	4.340	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	41372	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.047	84	3942	0.346	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	1890	0.199	ug/L	82
34) Trichloroethene	6.539	95	4700	0.475	ug/L	99
47) Tetrachloroethene	8.549	164	79886	10.188	ug/L	98

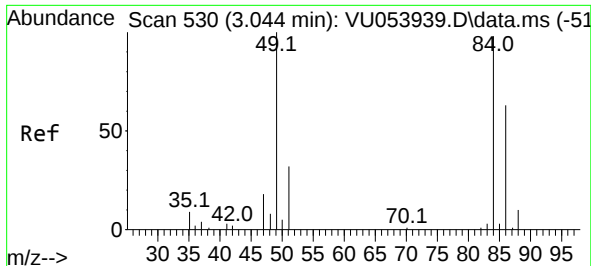
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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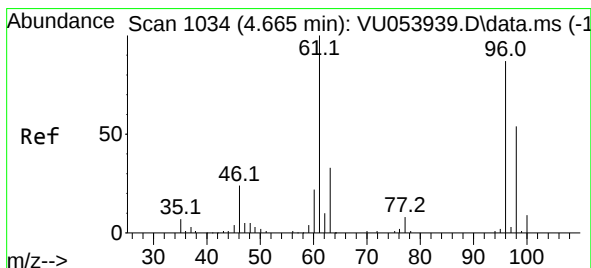
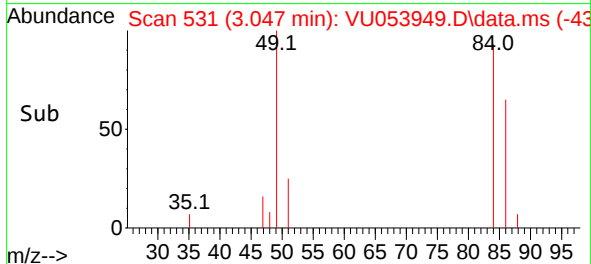
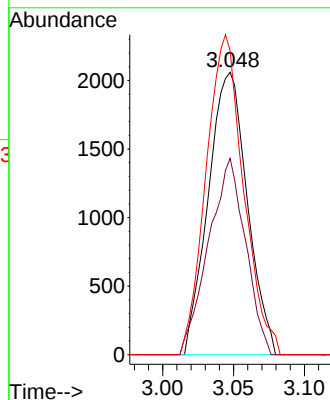
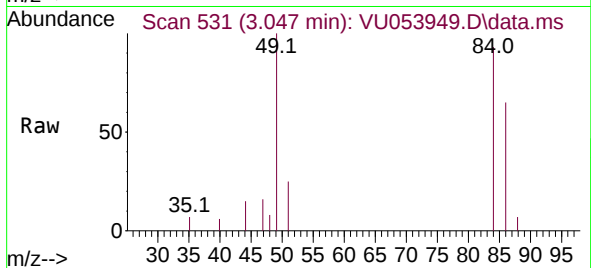




#16
Methylene chloride
Concen: 0.346 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053949.D
Acq: 27 Apr 2023 20:52

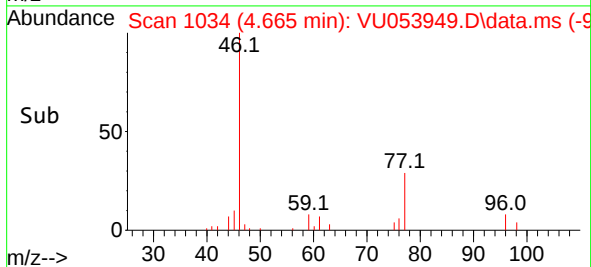
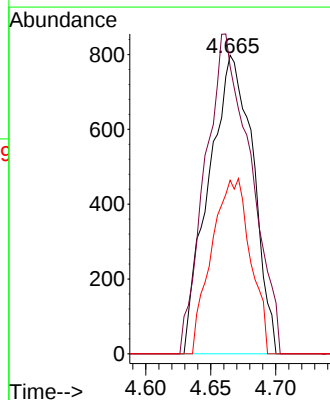
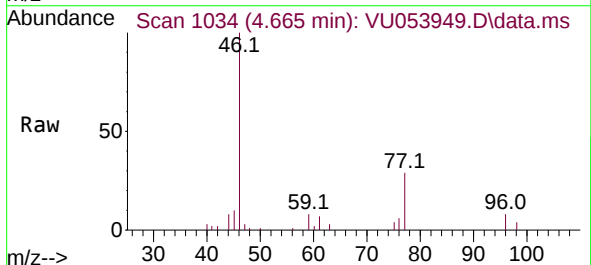
Instrument :
MSVOA_U
ClientSampleId :
BHE67

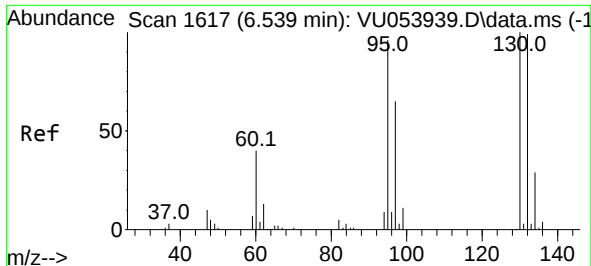
Tgt Ion: 84 Resp: 3942
Ion Ratio Lower Upper
84 100
86 69.5 45.0 83.6
49 107.6 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053949.D
Acq: 27 Apr 2023 20:52

Tgt Ion: 96 Resp: 1890
Ion Ratio Lower Upper
96 100
61 96.2 84.3 156.5
98 58.1 46.4 86.2



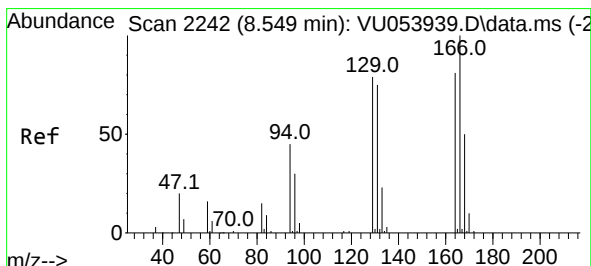
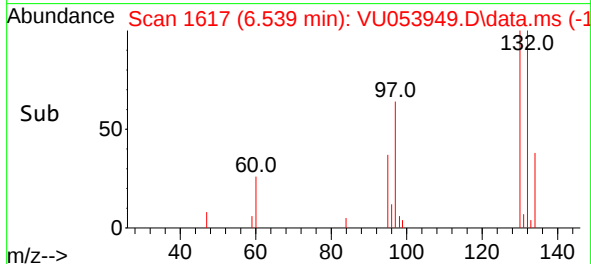
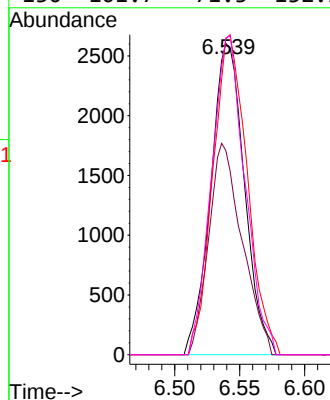
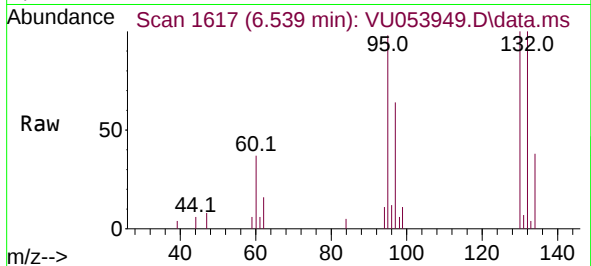


#34
Trichloroethene
Concen: 0.475 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053949.D
Acq: 27 Apr 2023 20:52

Instrument :
MSVOA_U
ClientSampleId :
BHE67

Tgt Ion: 95 Resp: 4700

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.1	83.9
132	101.5	69.9	129.9
130	101.7	71.3	132.3



#47
Tetrachloroethene
Concen: 10.188 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053949.D
Acq: 27 Apr 2023 20:52

Tgt Ion: 164 Resp: 79886

Ion	Ratio	Lower	Upper
164	100		
129	94.8	68.3	126.8
131	94.0	64.4	119.6
166	128.0	88.3	163.9

