

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053895.D
 Acq On : 25 Apr 2023 19:39
 Operator : JC/MD
 Sample : 02433-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE56

Quant Time: Apr 26 05:15:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

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

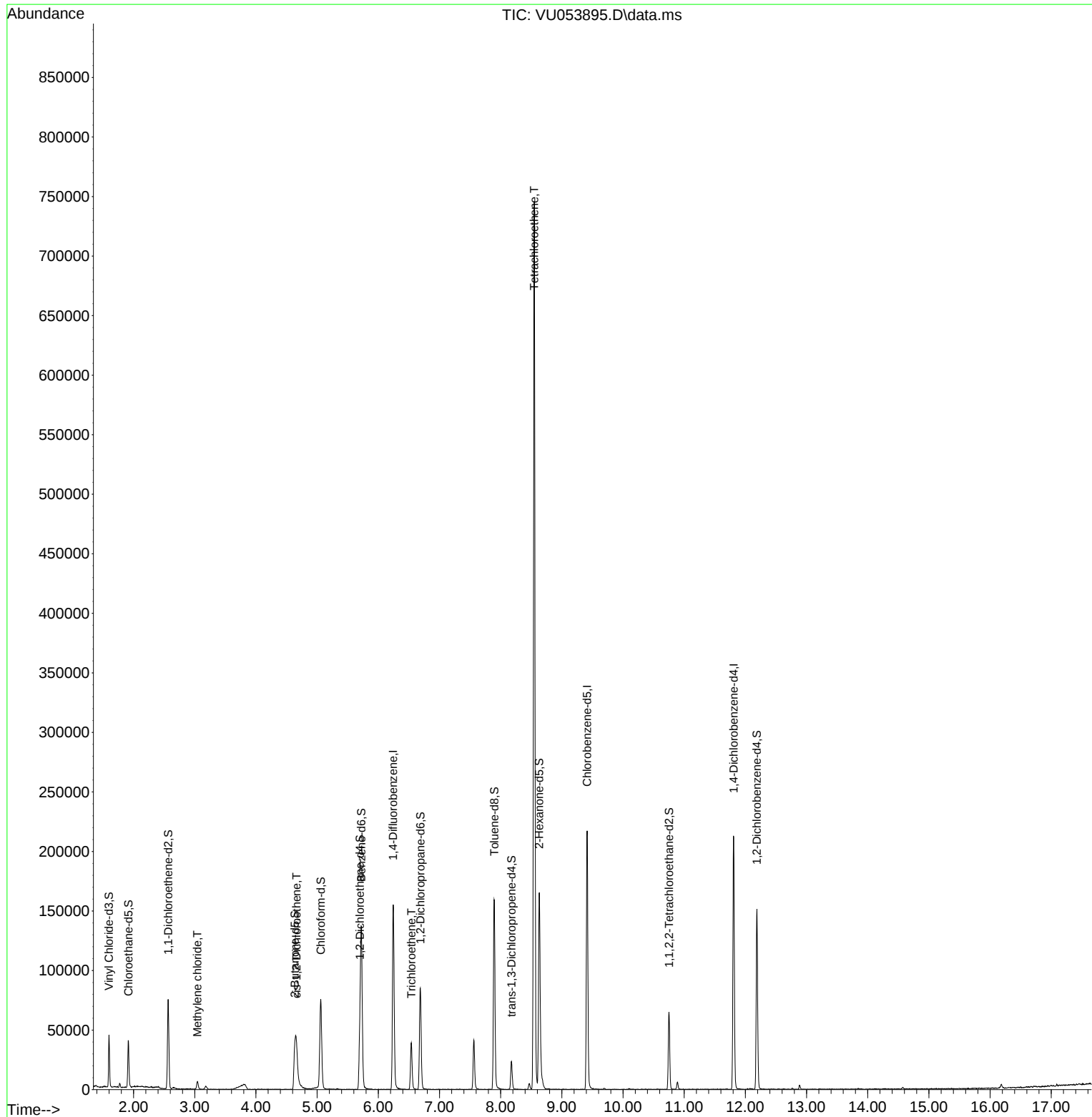
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	133389	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	31628	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.916	69	29828	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.565	65	14084	4.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.636	46	76995	51.741	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.480%
24) Chloroform-d	5.060	84	71617	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.700	65	33329	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.723	84	134782	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.687	67	43842	4.788	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.896	98	116605	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.176	79	14843	4.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.629	63	61614	48.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32876	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	41675	4.294	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.041	84	3635	0.317	ug/L	# 85
22) cis-1,2-Dichloroethene	4.665	96	10778	1.127	ug/L	92
34) Trichloroethene	6.539	95	13349	1.353	ug/L	95
47) Tetrachloroethene	8.549	164	166391	21.272	ug/L	99

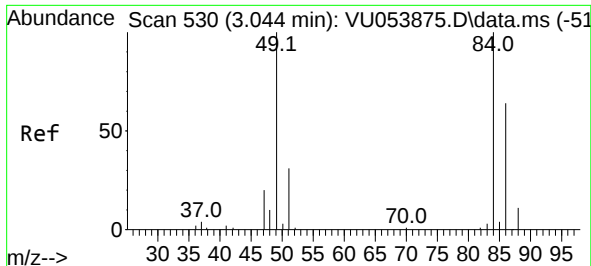
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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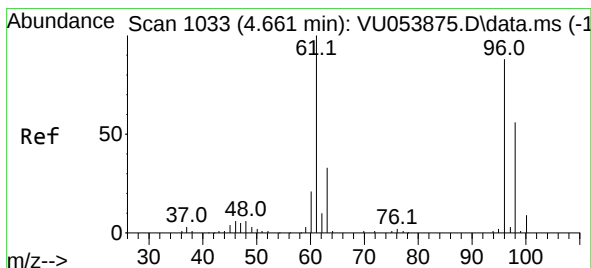
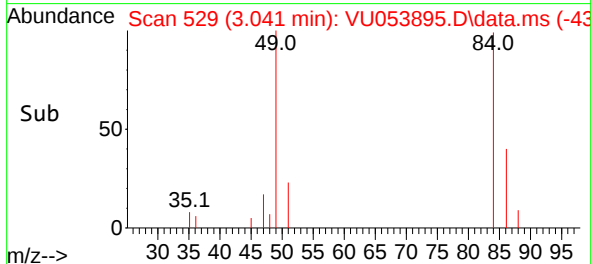
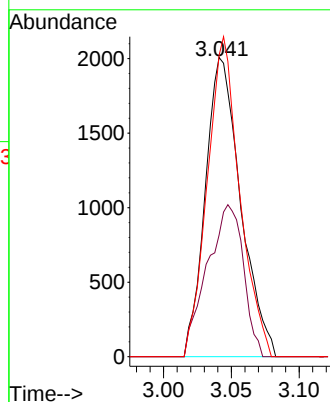
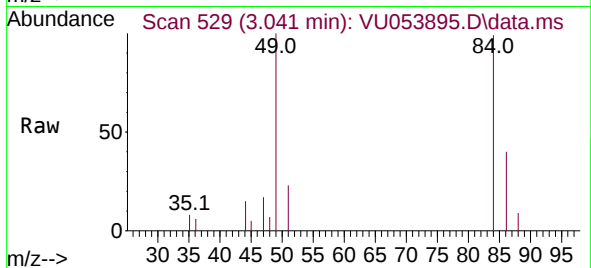




#16
Methylene chloride
Concen: 0.317 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU053895.D
Acq: 25 Apr 2023 19:39

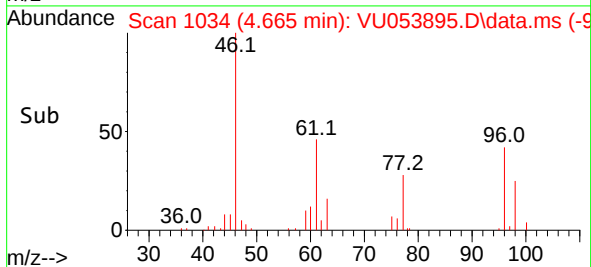
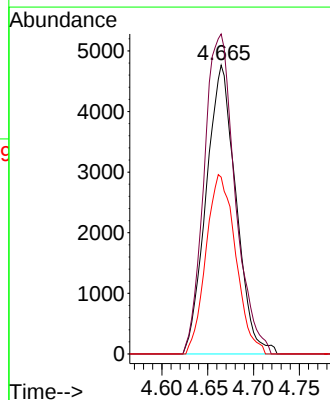
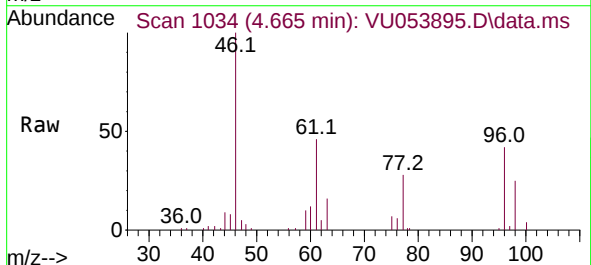
Instrument :
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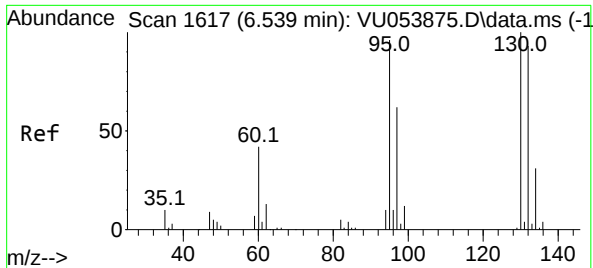
Tgt Ion: 84 Resp: 3635
Ion Ratio Lower Upper
84 100
86 40.6 45.0 83.6#
49 100.6 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 1.127 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053895.D
Acq: 25 Apr 2023 19:39

Tgt Ion: 96 Resp: 10778
Ion Ratio Lower Upper
96 100
61 110.8 84.3 156.5
98 61.2 46.4 86.2



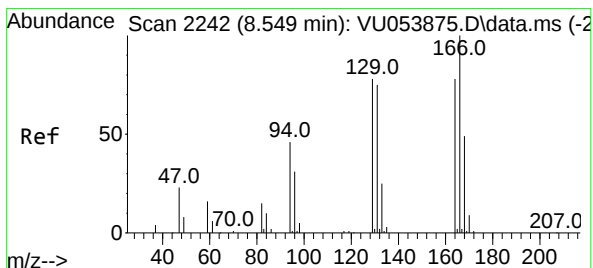
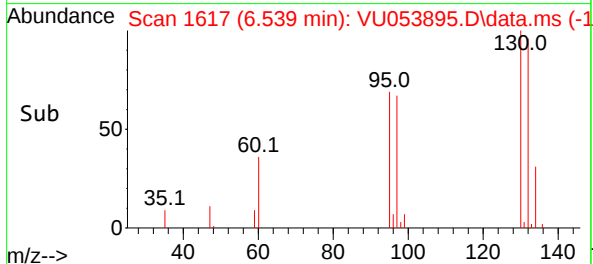
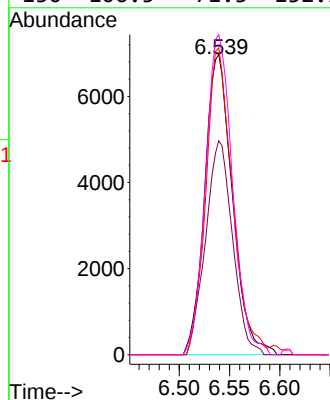
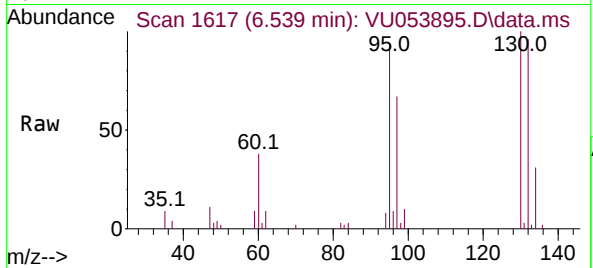


#34
Trichloroethene
Concen: 1.353 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU053895.D
Acq: 25 Apr 2023 19:39

Instrument :
MSVOA_U
ClientSampleId :
BHE56

Tgt Ion: 95 Resp: 13349

Ion	Ratio	Lower	Upper
95	100		
97	71.2	45.1	83.9
132	102.2	69.9	129.9
130	106.5	71.3	132.3



#47
Tetrachloroethene
Concen: 21.272 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053895.D
Acq: 25 Apr 2023 19:39

Tgt Ion: 164 Resp: 166391

Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.3	126.8
131	94.0	64.4	119.6
166	125.9	88.3	163.9

