

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053908.D
 Acq On : 26 Apr 2023 12:55
 Operator : JC/MD
 Sample : 02433-05DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE41DL

Quant Time: Apr 27 05:54:35 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)

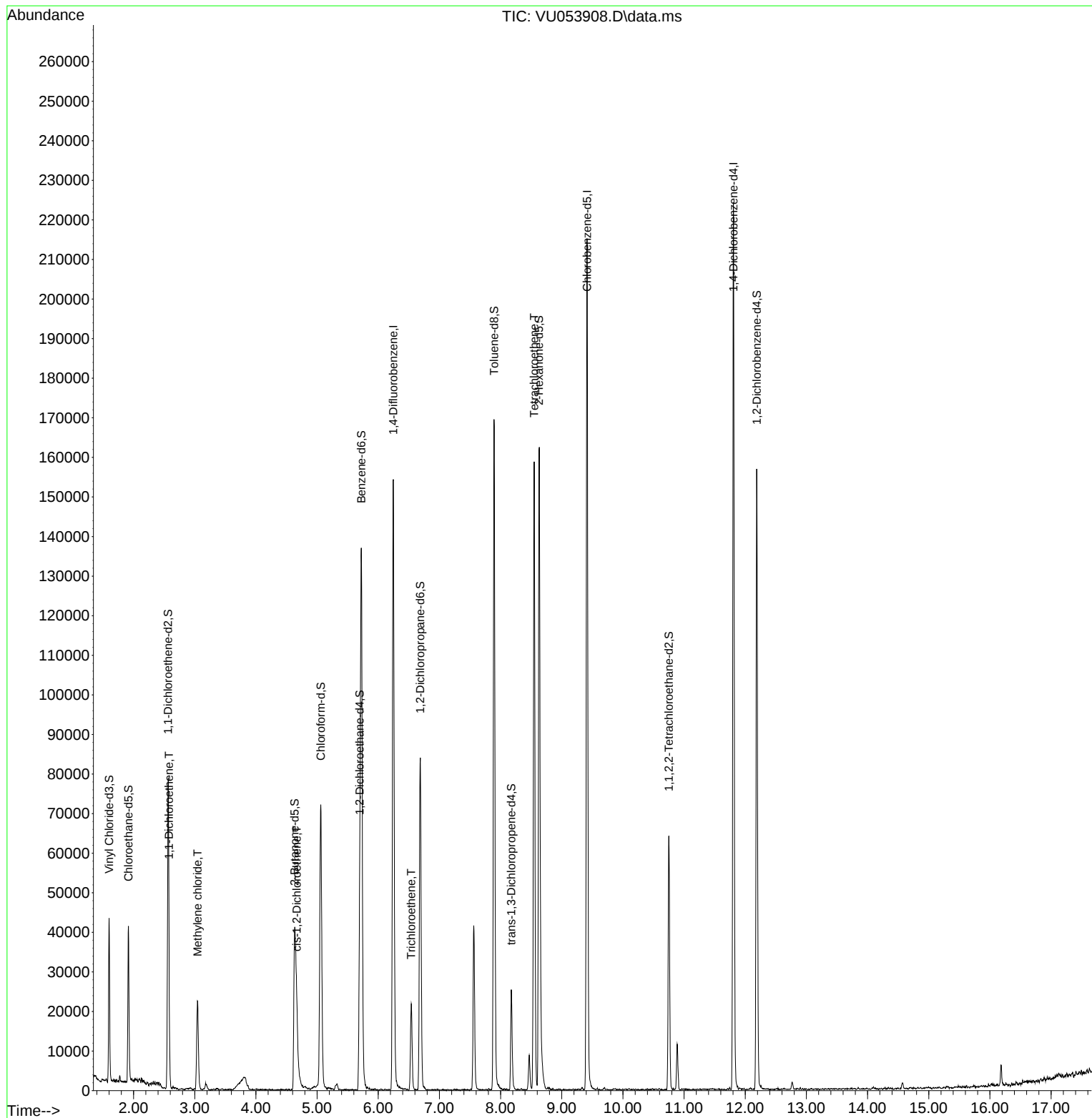
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	134561	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	63939	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31271	3.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.915	69	29002	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	14058	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.632	46	72553	48.331	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.660%
24) Chloroform-d	5.060	84	70022	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.697	65	32634	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.722	84	136112	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.687	67	43739	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.893	98	119129	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.176	79	15899	4.464	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.629	63	60364	47.889	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33010	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	43386	4.231	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	2092	0.247	ug/L	# 1
16) Methylene chloride	3.047	84	11566	1.001	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	5170	0.536	ug/L	88
34) Trichloroethene	6.539	95	7710	0.790	ug/L	95
47) Tetrachloroethene	8.549	164	36072	4.663	ug/L	95

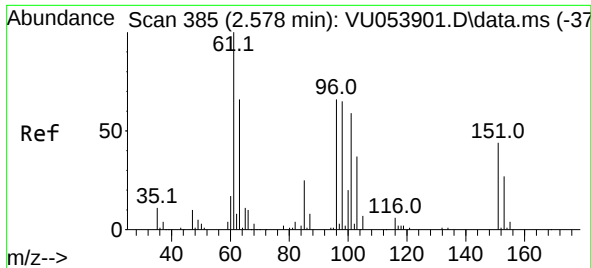
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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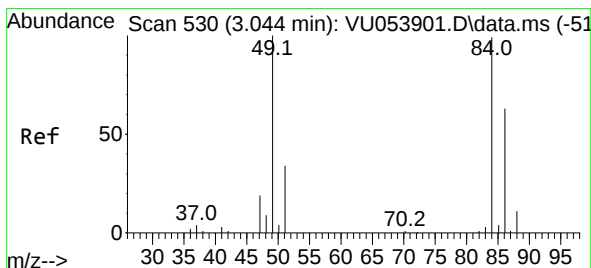
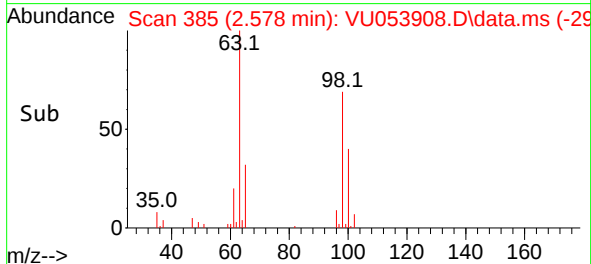
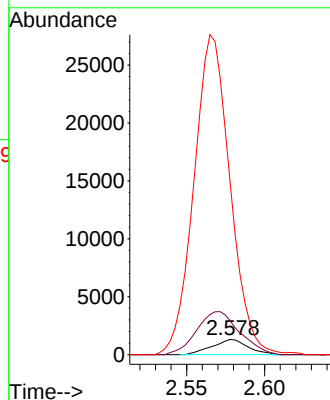
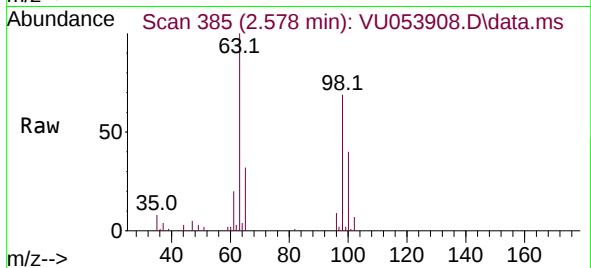




#12
1,1-Dichloroethene
Concen: 0.247 ug/L
RT: 2.578 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053908.D
Acq: 26 Apr 2023 12:55

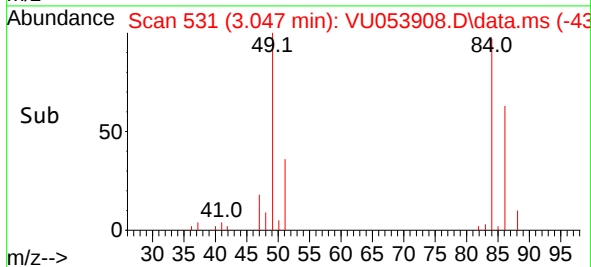
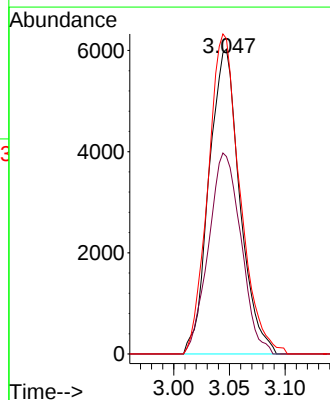
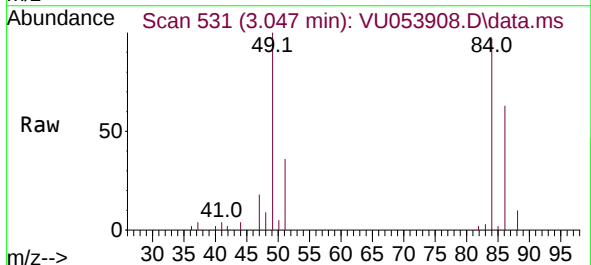
Instrument :
MSVOA_U
ClientSampleId :
BHE41DL

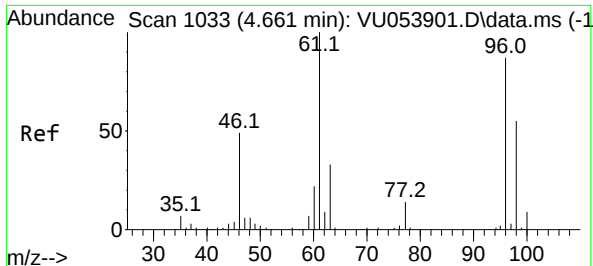
Tgt Ion: 96 Resp: 2092
Ion Ratio Lower Upper
96 100
61 222.8 111.5 207.1#
63 1130.3 68.7 127.7#



#16
Methylene chloride
Concen: 1.001 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU053908.D
Acq: 26 Apr 2023 12:55

Tgt Ion: 84 Resp: 11566
Ion Ratio Lower Upper
84 100
86 64.8 45.0 83.6
49 103.4 74.8 138.8





#22

cis-1,2-Dichloroethene

Concen: 0.536 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU053908.D

Acq: 26 Apr 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

BHE41DL

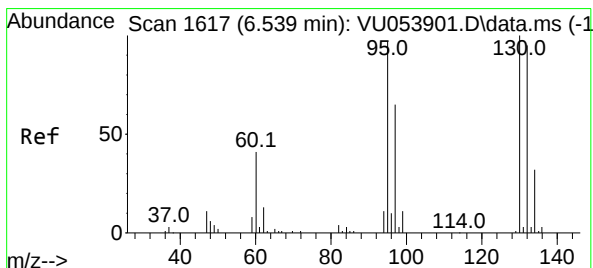
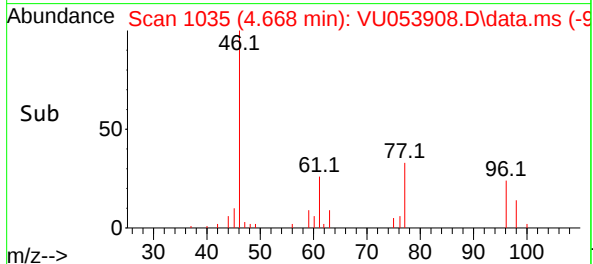
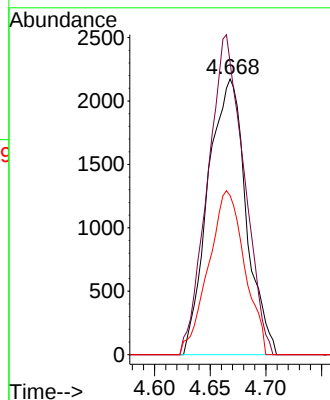
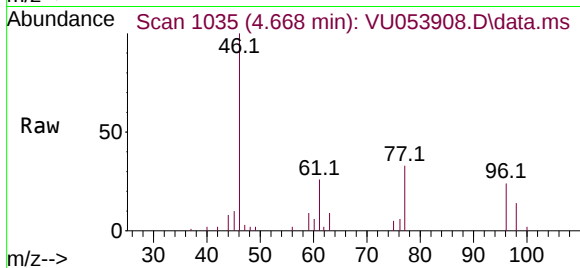
Tgt Ion: 96 Resp: 5170

Ion Ratio Lower Upper

96 100

61 105.9 84.3 156.5

98 57.7 46.4 86.2



#34

Trichloroethene

Concen: 0.790 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU053908.D

Acq: 26 Apr 2023 12:55

Tgt Ion: 95 Resp: 7710

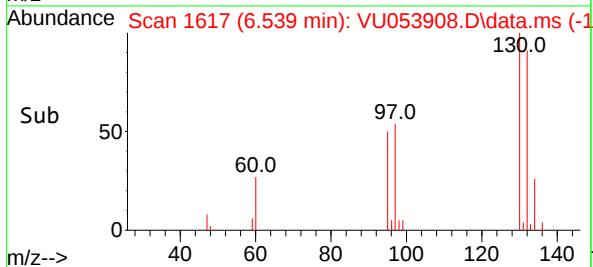
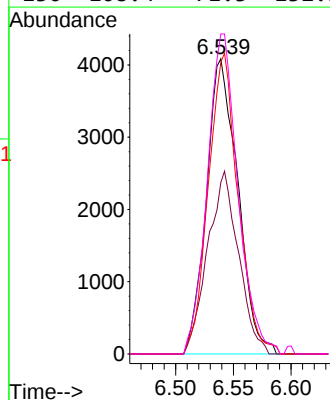
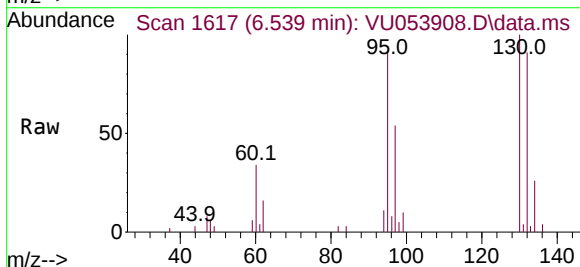
Ion Ratio Lower Upper

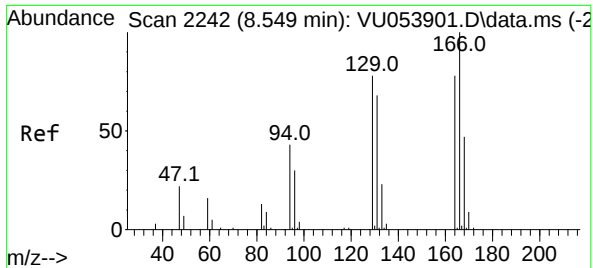
95 100

97 58.1 45.1 83.9

132 98.8 69.9 129.9

130 108.4 71.3 132.3





#47

Tetrachloroethene

Concen: 4.663 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053908.D

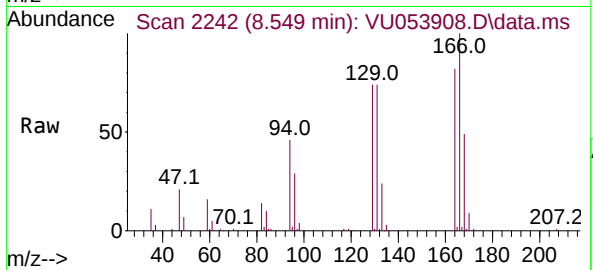
Acq: 26 Apr 2023 12:55

Instrument :

MSVOA_U

ClientSampleId :

BHE41DL



Tgt Ion:164 Resp: 36072

Ion Ratio Lower Upper

164 100

129 89.8 68.3 126.8

131 90.1 64.4 119.6

166 121.6 88.3 163.9

