

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054715.D
 Acq On : 30 Jun 2023 12:16
 Operator : MD/SY
 Sample : 03477-06DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA44DL

Quant Time: Jul 03 06:43:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

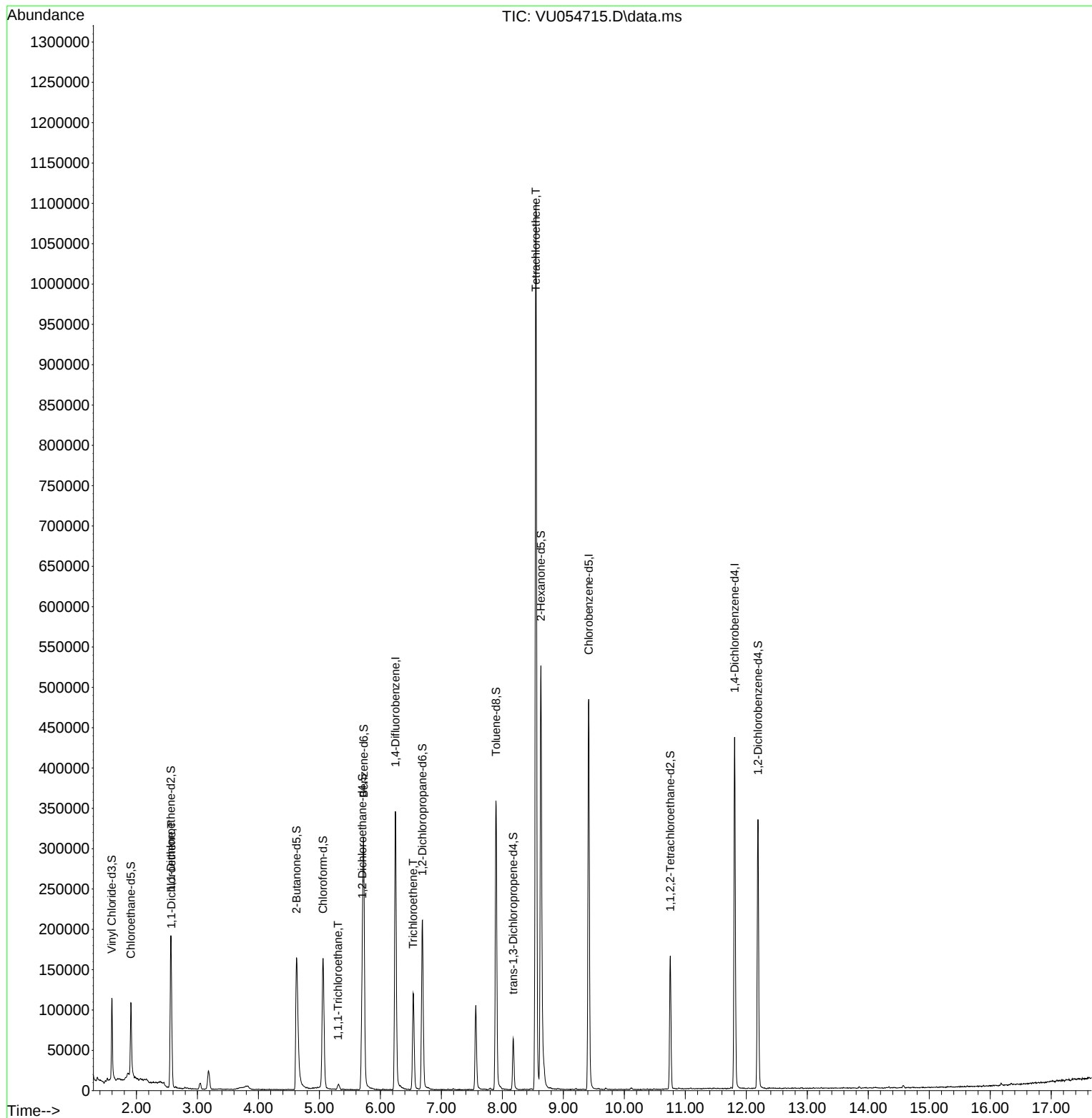
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	274030	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	264776	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79108	4.536	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.907	69	70140	4.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.563	65	31651	4.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.624	46	257942	52.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.220%
24) Chloroform-d	5.058	84	151421	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.702	65	80462	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.724	84	292040	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.689	67	103199	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	240719	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	37274	4.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.631	63	170476	47.538	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84139	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	87275	4.429	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	15709	0.790	ug/L	# 1
29) 1,1,1-Trichloroethane	5.306	97	4946	0.138	ug/L	99
34) Trichloroethene	6.537	95	42016	1.670	ug/L	97
47) Tetrachloroethene	8.550	164	242066	12.567	ug/L	98

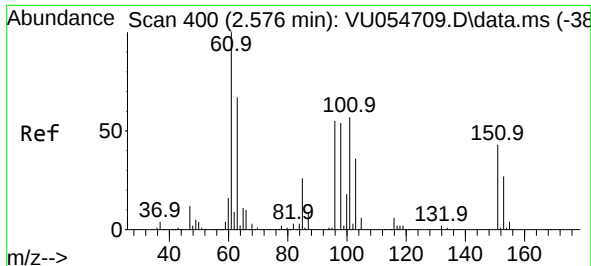
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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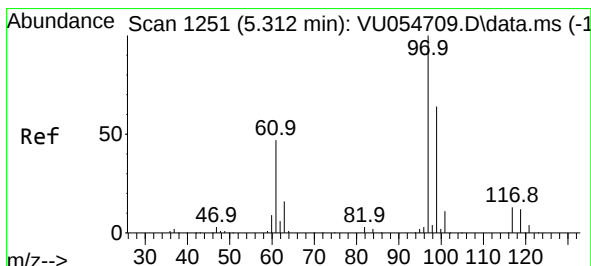
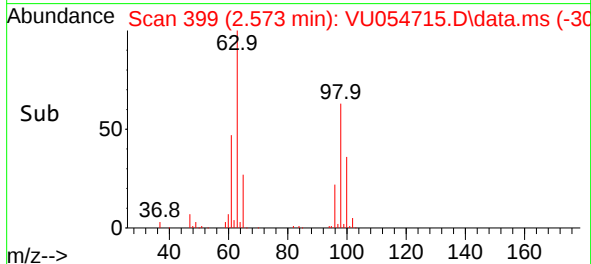
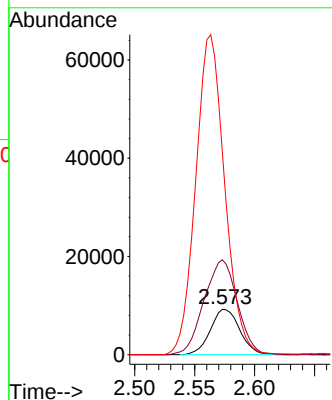
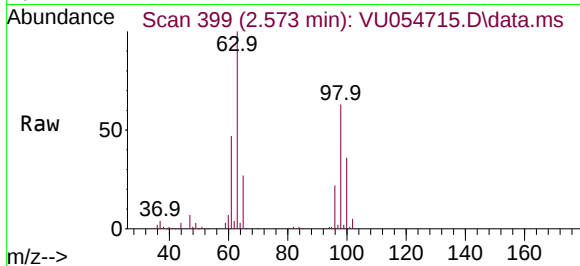




#12
 1,1-Dichloroethene
 Concen: 0.790 ug/L
 RT: 2.573 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU054715.D
 Acq: 30 Jun 2023 12:16

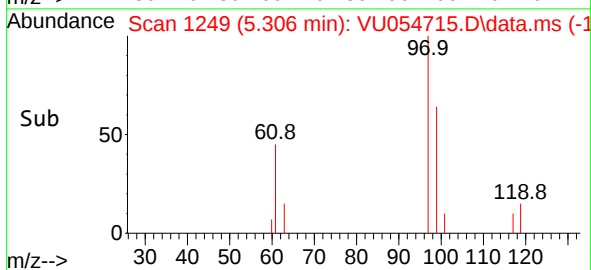
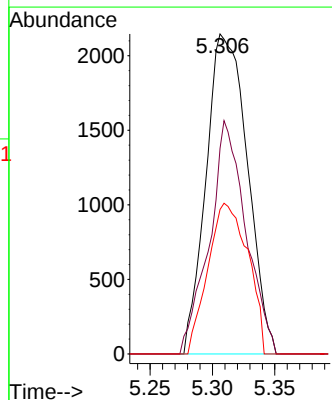
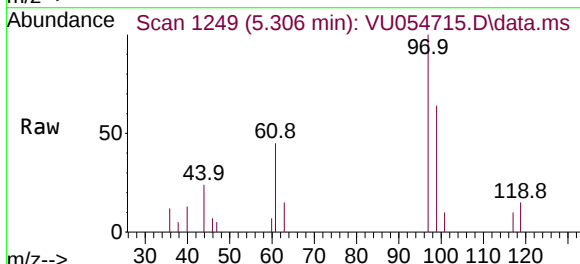
Instrument :
 MSVOA_U
 ClientSampleId :
 HOA44DL

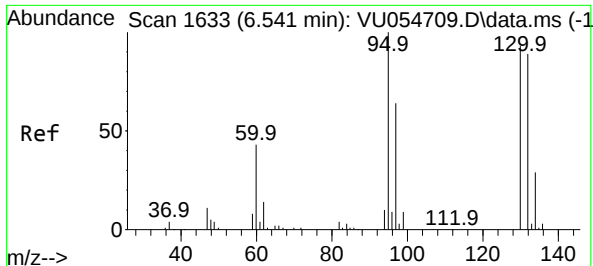
Tgt Ion: 96 Resp: 15709
 Ion Ratio Lower Upper
 96 100
 61 209.5 119.9 222.7
 63 449.0 64.3 119.3#



#29
 1,1,1-Trichloroethane
 Concen: 0.138 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.006 min
 Lab File: VU054715.D
 Acq: 30 Jun 2023 12:16

Tgt Ion: 97 Resp: 4946
 Ion Ratio Lower Upper
 97 100
 99 64.6 50.8 76.2
 61 45.6 36.1 54.1





#34

Trichloroethene

Concen: 1.670 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054715.D

Acq: 30 Jun 2023 12:16

Instrument :

MSVOA_U

ClientSampleId :

HOA44DL

Tgt Ion: 95 Resp: 42016

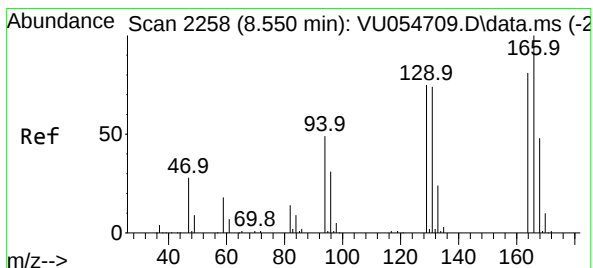
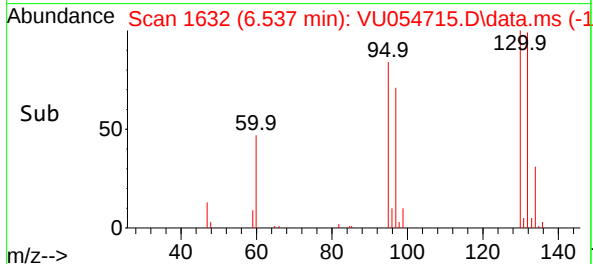
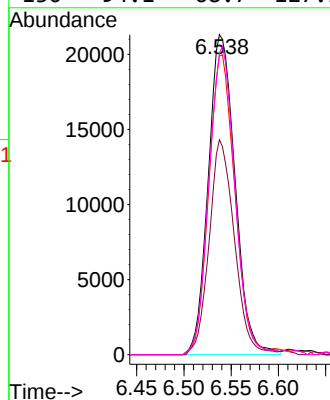
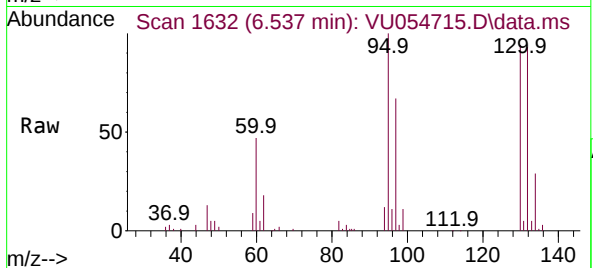
Ion Ratio Lower Upper

95 100

97 67.1 46.8 87.0

132 93.4 68.4 127.0

130 94.1 68.7 127.5



#47

Tetrachloroethene

Concen: 12.567 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054715.D

Acq: 30 Jun 2023 12:16

Tgt Ion:164 Resp: 242066

Ion Ratio Lower Upper

164 100

129 98.9 67.7 125.7

131 94.2 64.6 120.0

166 128.8 88.1 163.7

