

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059494.D
 Acq On : 26 Jun 2024 00:55
 Operator : MD/SY
 Sample : P3006-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JMRG8

Quant Time: Jun 26 06:18:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

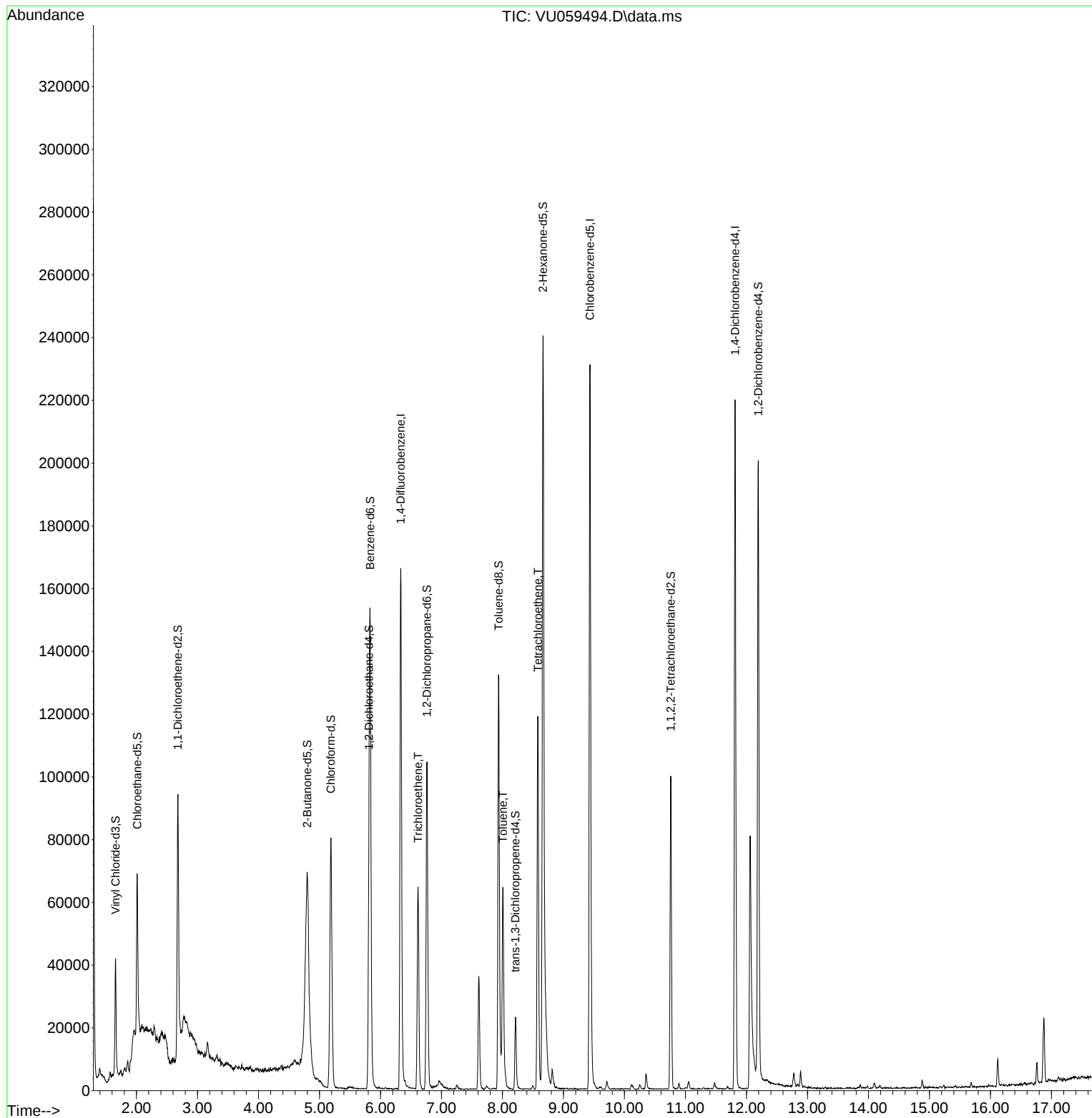
Internal Standards						
1) 1,4-Difluorobenzene	6.332	114	137938	5.000	ug/L	0.09
28) Chlorobenzene-d5	9.435	117	145042	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.814	152	64490	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.657	65	28591	2.981	ug/L	0.06
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	2.011	69	46896	5.081	ug/L	0.11
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.679	65	14717	3.698	ug/L	0.12
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.798	46	163459	82.734	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.460%#
24) Chloroform-d	5.187	84	80274	4.077	ug/L	0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.811	65	41610	4.388	ug/L	0.12
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.830	84	132374	3.316	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.400%#
36) 1,2-Dichloropropane-d6	6.763	67	50065	4.093	ug/L	0.08
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.936	98	98697	2.660	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	53.200%#
43) trans-1,3-Dichloroprop...	8.213	79	13517	3.529	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.600%
46) 2-Hexanone-d5	8.663	63	90206	56.682	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.360%
56) 1,1,2,2-Tetrachloroeth...	10.759	84	52030	5.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	56664	4.937	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.615	95	21559	1.807	ug/L	94
42) Toluene	8.007	91	51860	1.112	ug/L	99
47) Tetrachloroethene	8.579	164	27861	3.010	ug/L	96

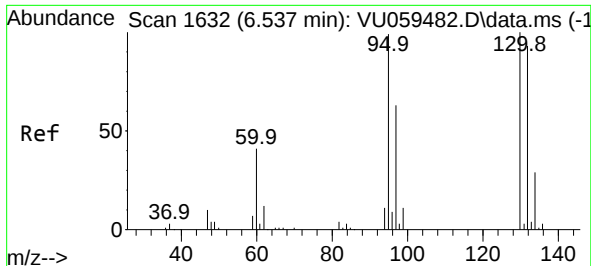
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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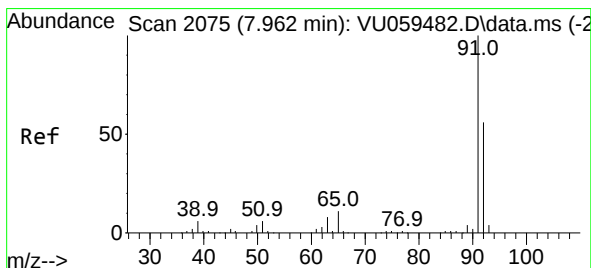
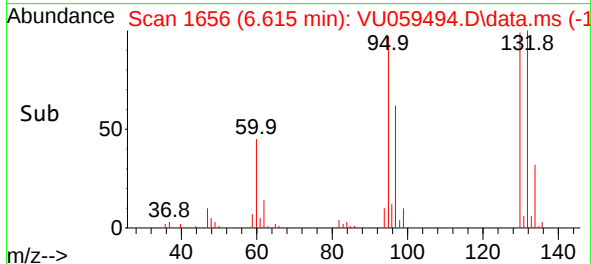
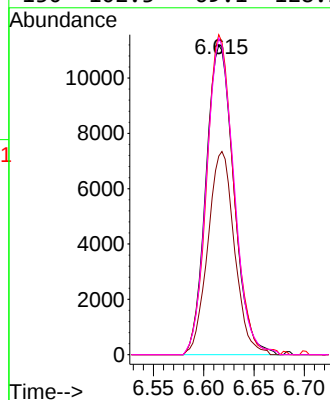
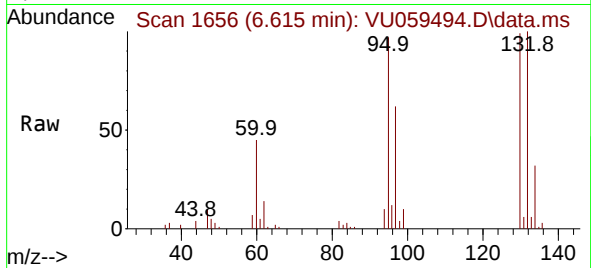




#34
 Trichloroethene
 Concen: 1.807 ug/L
 RT: 6.615 min Scan# 1
 Delta R.T. 0.077 min
 Lab File: VU059494.D
 Acq: 26 Jun 2024 00:55

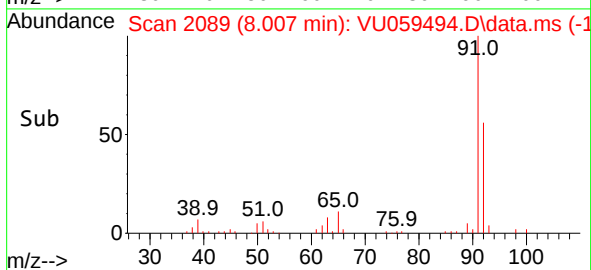
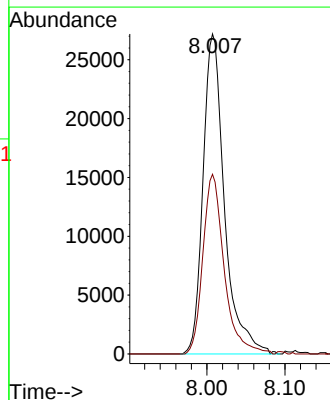
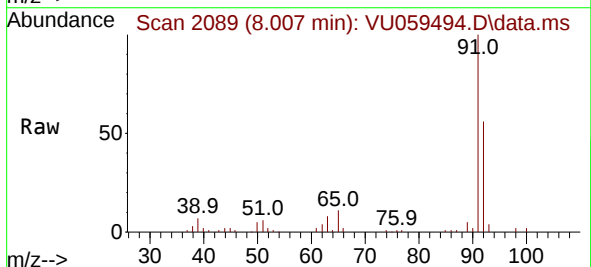
Instrument :
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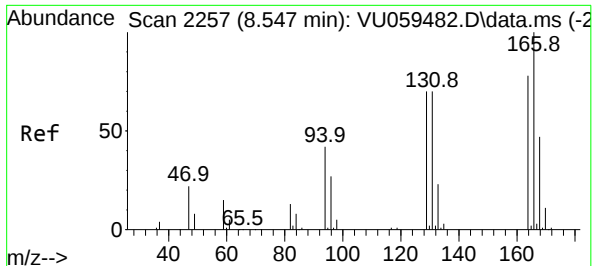
Tgt Ion: 95 Resp: 21559
 Ion Ratio Lower Upper
 95 100
 97 64.2 45.3 84.1
 132 103.4 64.0 119.0
 130 102.3 69.1 128.3



#42
 Toluene
 Concen: 1.112 ug/L
 RT: 8.007 min Scan# 2089
 Delta R.T. 0.045 min
 Lab File: VU059494.D
 Acq: 26 Jun 2024 00:55

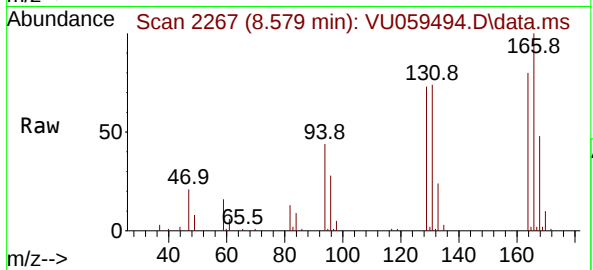
Tgt Ion: 91 Resp: 51860
 Ion Ratio Lower Upper
 91 100
 92 56.1 39.7 73.7





#47
 Tetrachloroethene
 Concen: 3.010 ug/L
 RT: 8.579 min Scan# 21
 Delta R.T. 0.032 min
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Tgt Ion:164 Resp: 27861

Ion	Ratio	Lower	Upper
164	100		
129	92.3	70.8	131.4
131	92.7	64.8	120.3
166	125.7	91.1	169.1

