

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058888.D
 Acq On : 14 May 2024 15:43
 Operator : MD/SY
 Sample : P2392-17 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ9

Quant Time: May 15 01:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

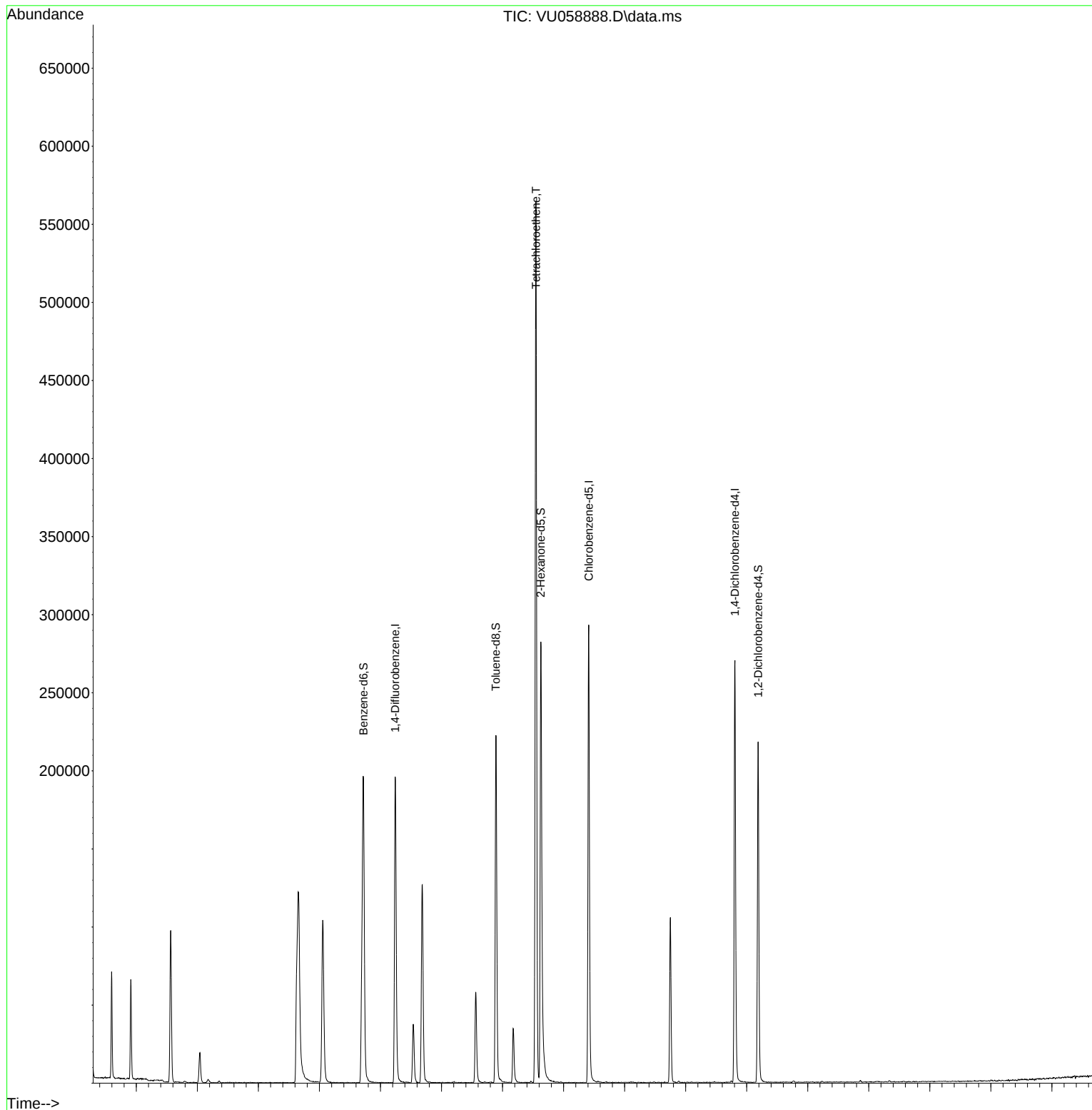
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	162777	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46069	4.672	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.910	69	44673	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.563	65	18817	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.631	46	132845	51.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.640%
24) Chloroform-d	5.055	84	98223	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.695	65	50576	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.721	84	189892	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.685	67	64558	5.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.891	98	154930	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	21932	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.627	63	107530	51.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54818	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	59852	5.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
16) Methylene chloride	3.042	84	9121	0.663	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	44538	3.623	ug/L	95
34) Trichloroethene	6.541	95	13035	1.021	ug/L	94
47) Tetrachloroethene	8.547	164	119766	13.164	ug/L	97

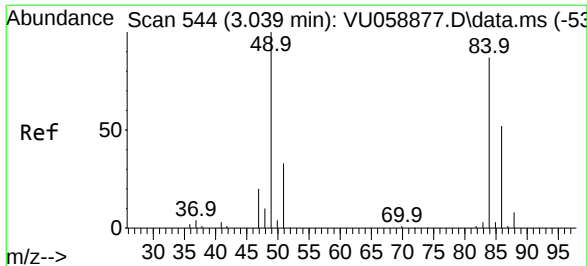
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.663 ug/L

RT: 3.042 min Scan# 544

Delta R.T. 0.003 min

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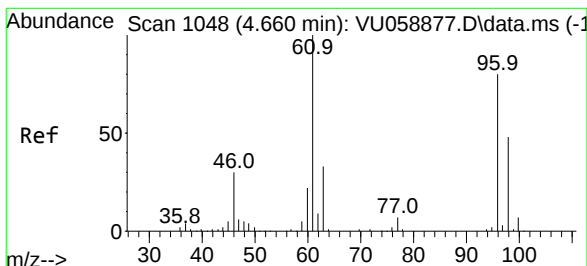
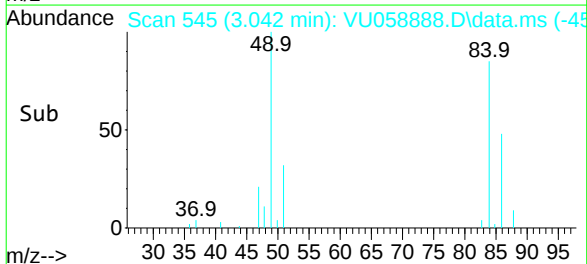
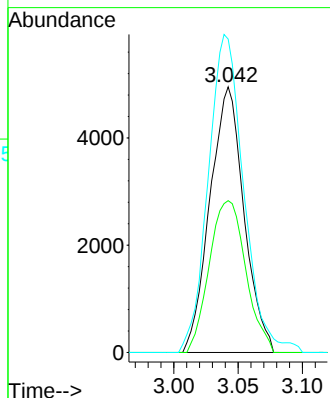
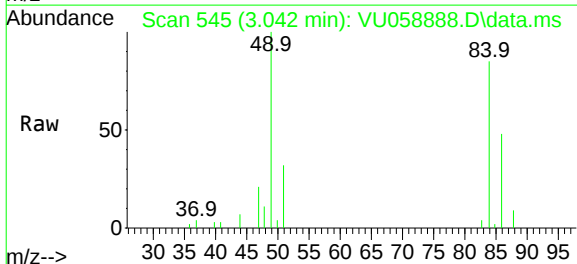
Instrument :

MSVOA_U

ClientSampleId :

BHAQ9

Tgt Ion:	84	Resp:	9121
Ion	Ratio	Lower	Upper
84	100		
86	57.2	42.1	78.1
49	118.0	80.6	149.8



#22

cis-1,2-Dichloroethene

Concen: 3.623 ug/L

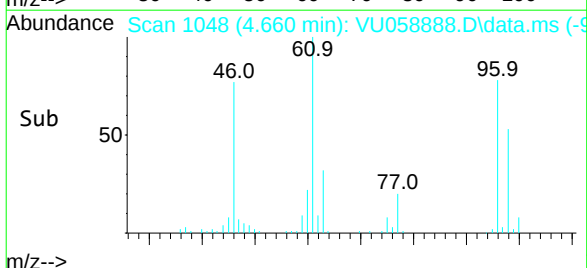
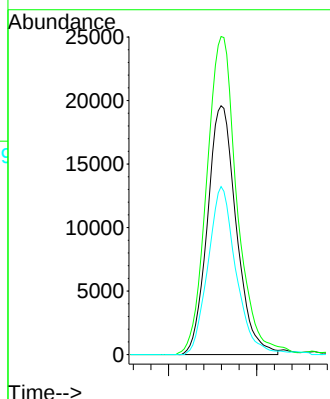
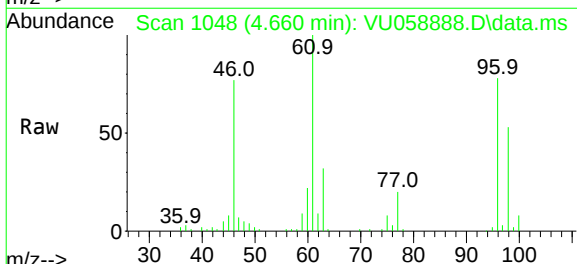
RT: 4.660 min Scan# 1048

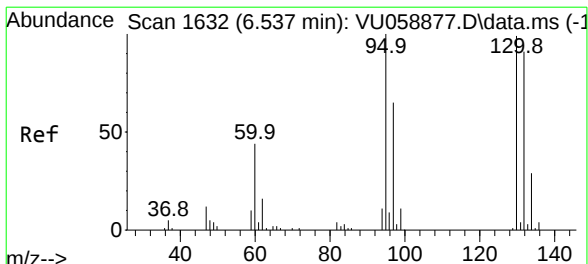
Delta R.T. -0.000 min

Lab File: VU058888.D

Acq: 14 May 2024 15:43

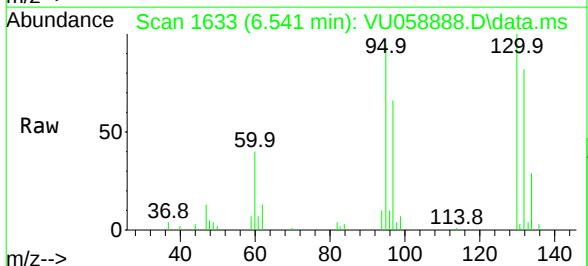
Tgt Ion:	96	Resp:	44538
Ion	Ratio	Lower	Upper
96	100		
61	127.8	87.4	162.2
98	67.5	42.3	78.5



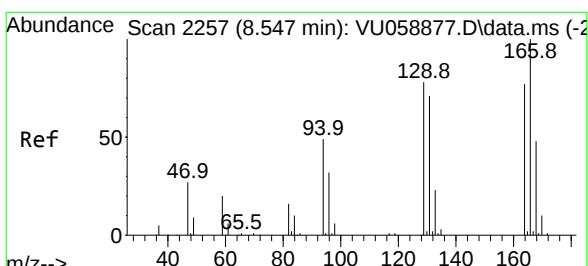
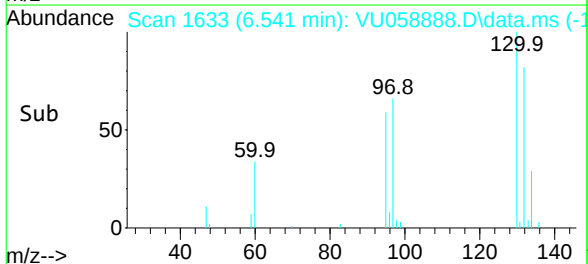
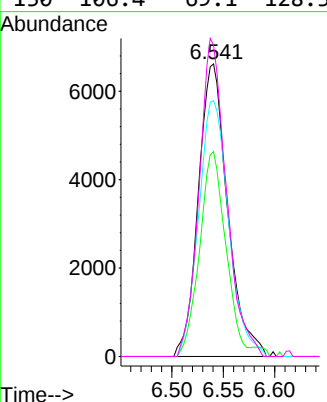


#34
 Trichloroethene
 Concen: 1.021 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
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Tgt Ion	Ratio	Lower	Upper
95	100		
97	70.0	45.3	84.1
132	87.5	64.0	119.0
130	106.4	69.1	128.3



#47
 Tetrachloroethene
 Concen: 13.164 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: VU058888.D
 Acq: 14 May 2024 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.2	70.8	131.4
131	95.4	64.8	120.3
166	126.6	91.1	169.1

