

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058889.D
 Acq On : 14 May 2024 16:30
 Operator : MD/SY
 Sample : P2392-19 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAR1

Quant Time: May 15 01:09:31 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)

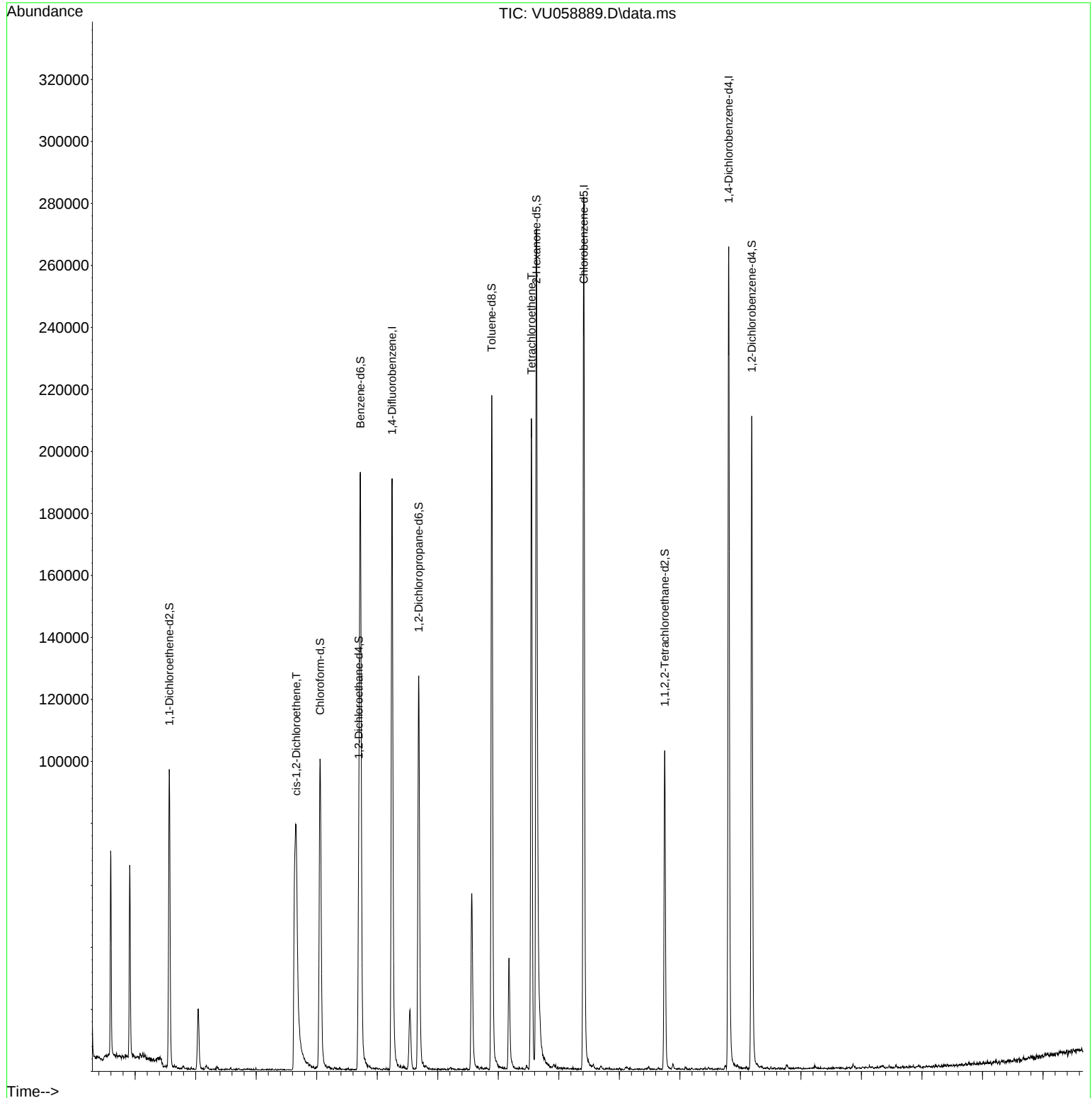
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	156853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45332	4.771	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.911	69	43239	5.035	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.563	65	19239	4.969	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	4.637	46	131873	53.385	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.760%	
24) Chloroform-d	5.055	84	94280	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.695	65	48552	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.721	84	181793	5.079	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.685	67	61318	5.141	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.891	98	147801	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	8.177	79	20868	5.099	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.000%	
46) 2-Hexanone-d5	8.630	63	105016	53.464	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.920%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53061	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	57049	5.345	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.800%	
Target Compounds						
16) Methylene chloride	3.042	84	8920	0.673	ug/L	81
22) cis-1,2-Dichloroethene	4.663	96	20055	1.693	ug/L	90
34) Trichloroethene	6.541	95	6308	0.520	ug/L	95
47) Tetrachloroethene	8.547	164	46259	5.355	ug/L	98

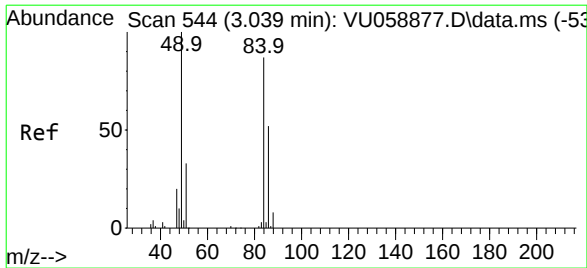
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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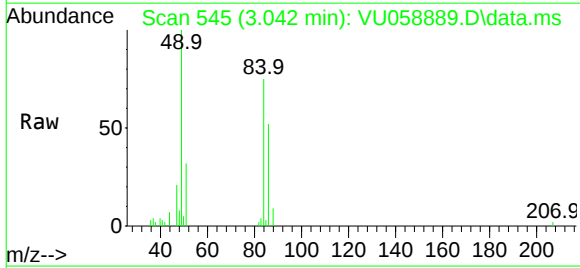
Quant Time: May 15 01:09:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
Quant Title : TRACE VOA SFAM1.0
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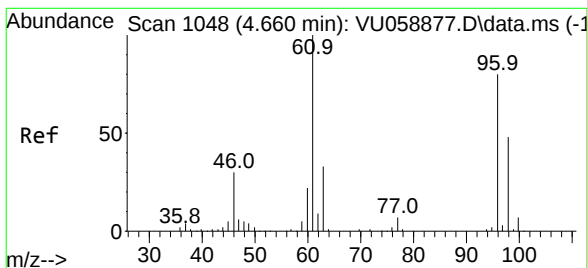
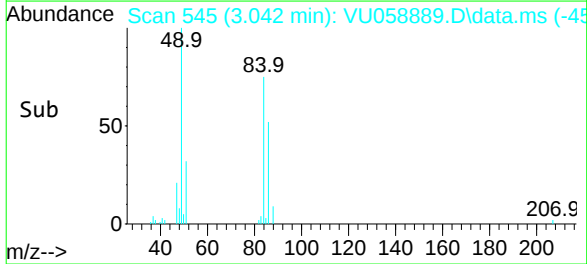
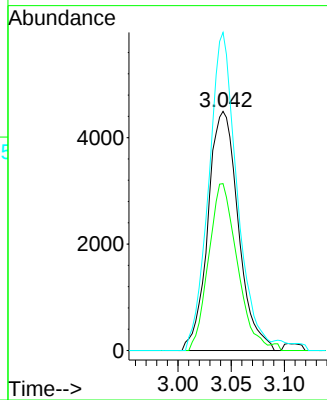


#16
Methylene chloride
Concen: 0.673 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058889.D
Acq: 14 May 2024 16:30

Instrument :
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ClientSampleId :
BHAR1

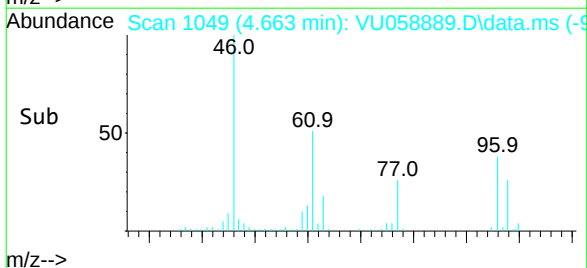
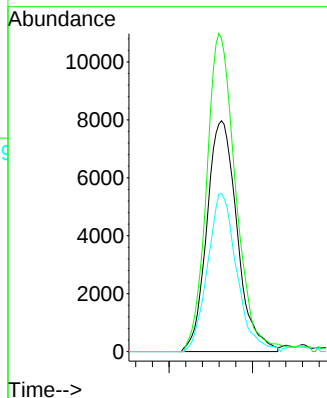
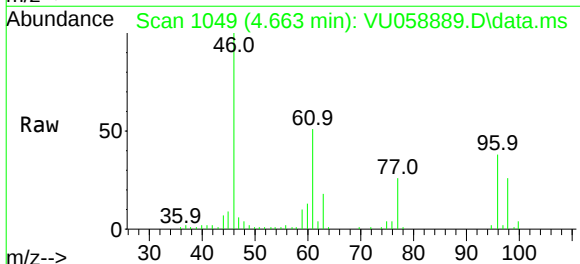


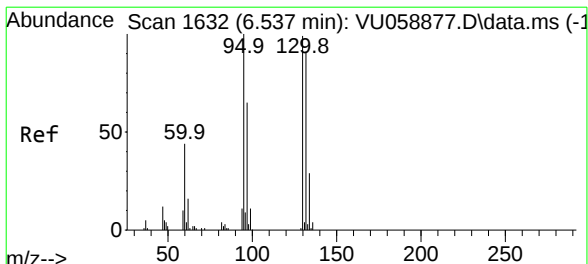
Tgt Ion: 84 Resp: 8920
Ion Ratio Lower Upper
84 100
86 69.8 42.1 78.1
49 140.1 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 1.693 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU058889.D
Acq: 14 May 2024 16:30

Tgt Ion: 96 Resp: 20055
Ion Ratio Lower Upper
96 100
61 135.7 87.4 162.2
98 68.6 42.3 78.5

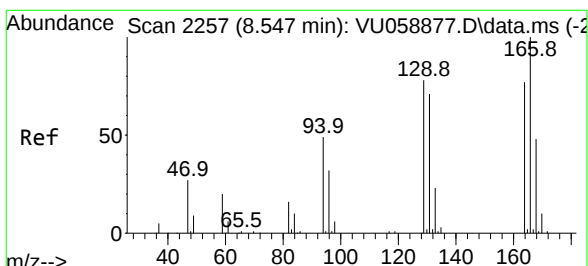
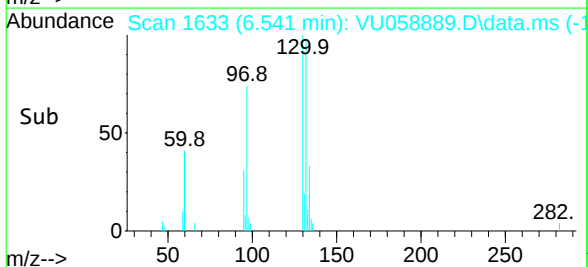
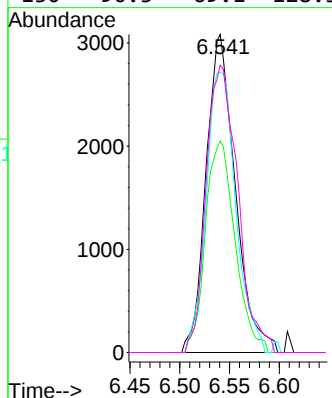
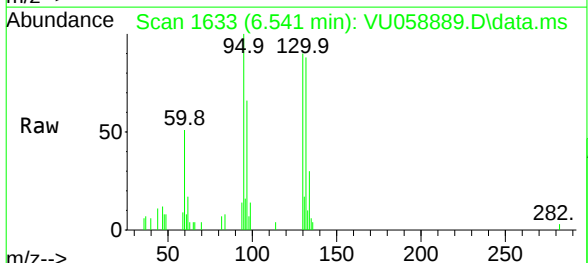




#34
 Trichloroethene
 Concen: 0.520 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU058889.D
 Acq: 14 May 2024 16:30

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Tgt Ion:	95	Resp:	6308
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.3	84.1
132	88.1	64.0	119.0
130	90.3	69.1	128.3



#47
 Tetrachloroethene
 Concen: 5.355 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VU058889.D
 Acq: 14 May 2024 16:30

Tgt Ion:	164	Resp:	46259
Ion	Ratio	Lower	Upper
164	100		
129	97.7	70.8	131.4
131	94.8	64.8	120.3
166	128.7	91.1	169.1

