

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058886.D
 Acq On : 14 May 2024 14:55
 Operator : MD/SY
 Sample : P2392-12 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAP8

Quant Time: May 15 01:08:32 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)

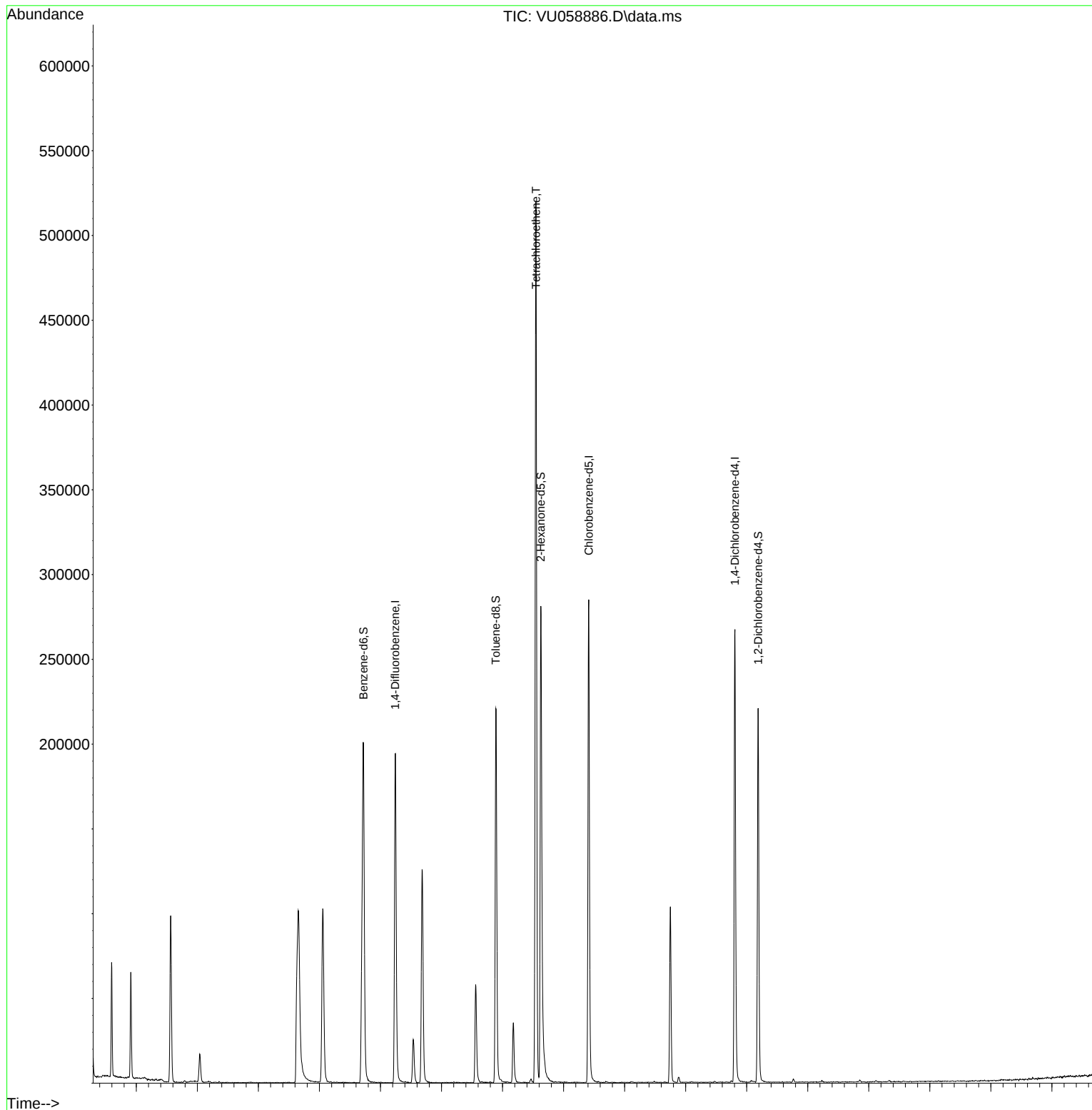
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162779	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45557	4.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.911	69	43964	4.933	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.563	65	18735	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.634	46	134600	52.505	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	5.055	84	98770	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	52193	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.721	84	190615	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.682	67	63943	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.891	98	154958	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	20817	4.965	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.627	63	108229	53.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53850	5.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	59071	5.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
16) Methylene chloride	3.042	84	8120	0.590	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	33271	2.706	ug/L	96
34) Trichloroethene	6.537	95	8694	0.700	ug/L	96
47) Tetrachloroethene	8.547	164	113393	12.814	ug/L	96

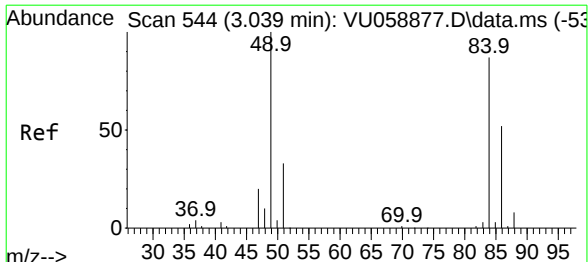
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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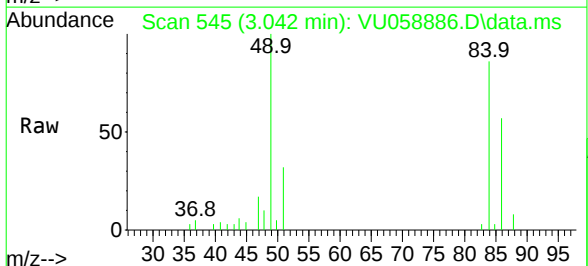
Quant Time: May 15 01:08:32 2024
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Quant Title : TRACE VOA SFAM1.0
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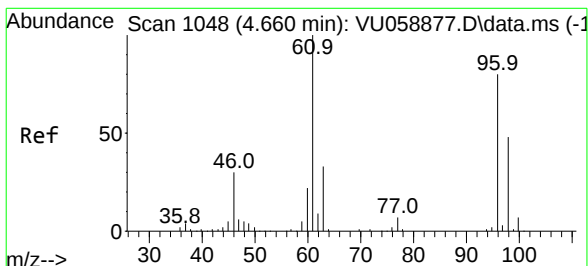
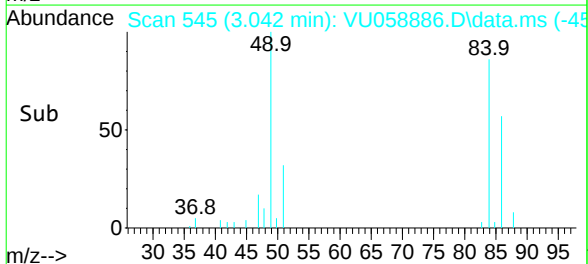
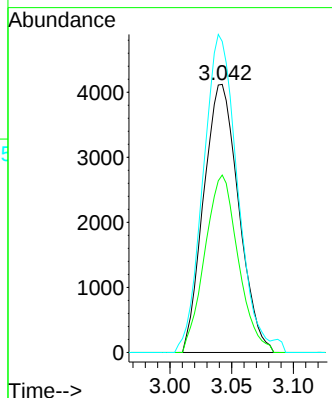


#16
Methylene chloride
Concen: 0.590 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU058886.D
Acq: 14 May 2024 14:55

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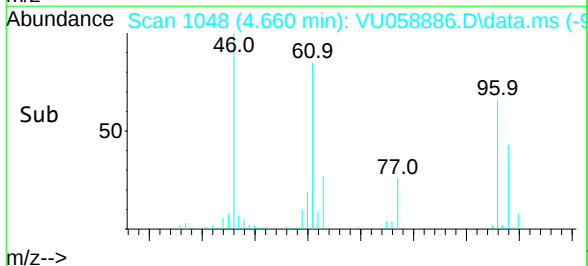
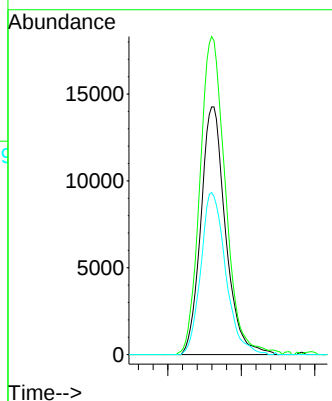
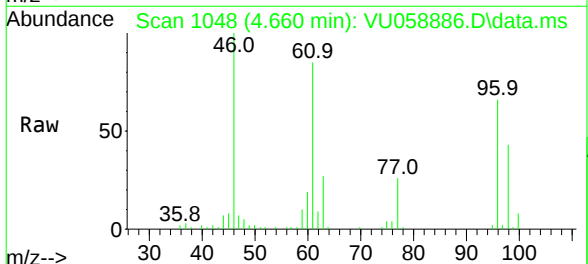


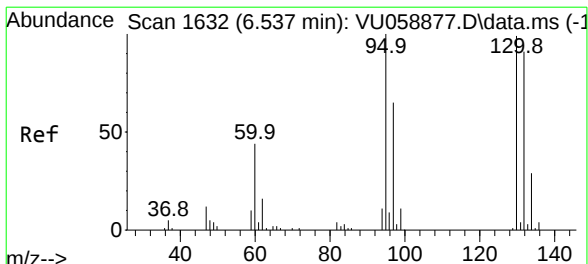
Tgt Ion:	84	Resp:	8120
Ion	Ratio	Lower	Upper
84	100		
86	66.2	42.1	78.1
49	122.4	80.6	149.8



#22
cis-1,2-Dichloroethene
Concen: 2.706 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU058886.D
Acq: 14 May 2024 14:55

Tgt Ion:	96	Resp:	33271
Ion	Ratio	Lower	Upper
96	100		
61	128.4	87.4	162.2
98	65.5	42.3	78.5

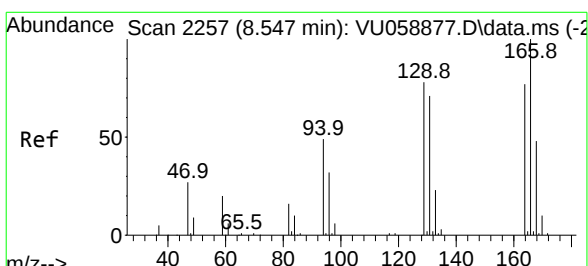
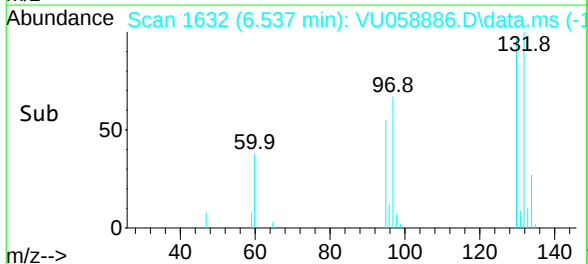
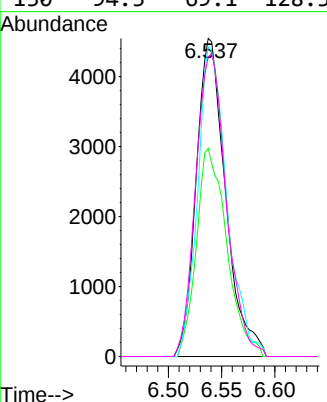
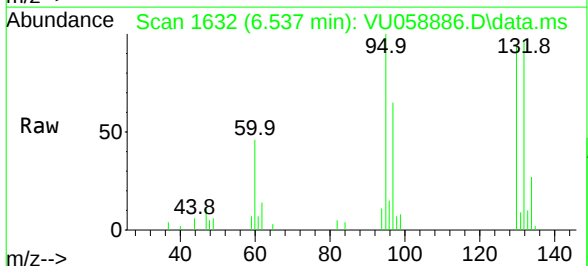




#34
 Trichloroethene
 Concen: 0.700 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU058886.D
 Acq: 14 May 2024 14:55

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Tgt Ion:	95	Resp:	8694
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.3	84.1
132	97.4	64.0	119.0
130	94.3	69.1	128.3



#47
 Tetrachloroethene
 Concen: 12.814 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VU058886.D
 Acq: 14 May 2024 14:55

Tgt Ion:	164	Resp:	113393
Ion	Ratio	Lower	Upper
164	100		
129	94.7	70.8	131.4
131	94.7	64.8	120.3
166	126.6	91.1	169.1

