

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059277.D
 Acq On : 17 Jun 2024 13:59
 Operator : MD/SY
 Sample : P2895-01 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAT4

Quant Time: Jun 17 14:34:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

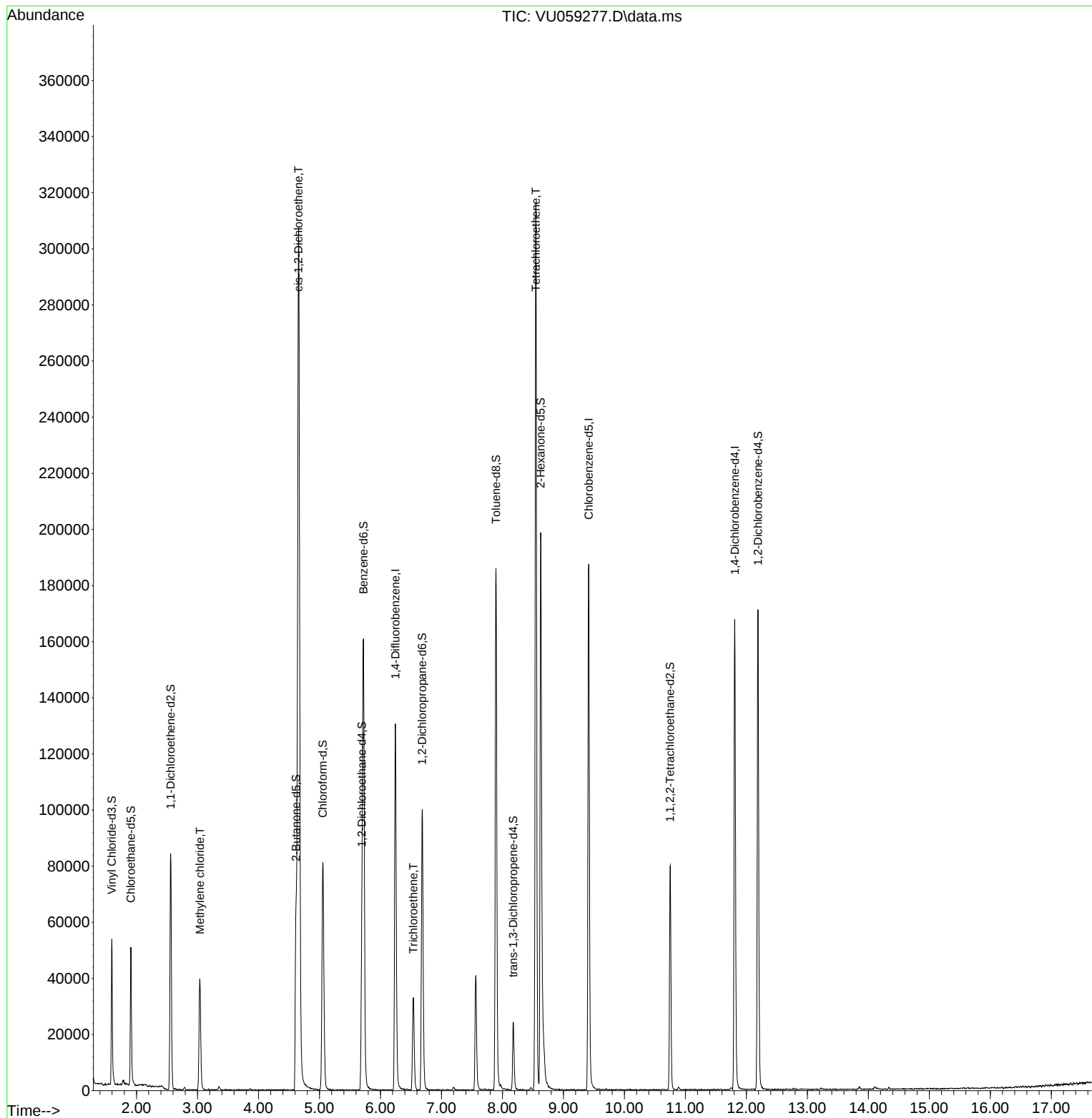
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	108567	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	109939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	48767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37906	5.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.907	69	38675	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.560	65	15663	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.615	46	91489	58.834	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.660%
24) Chloroform-d	5.055	84	77044	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	40544	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.721	84	158023	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.685	67	49458	5.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.894	98	131240	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.177	79	14632	5.040	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.627	63	69862	57.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41938	5.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	48644	5.604	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	20618	2.260	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	167423	18.968	ug/L	97
34) Trichloroethene	6.541	95	11733	1.298	ug/L	94
47) Tetrachloroethene	8.550	164	72767	10.372	ug/L	96

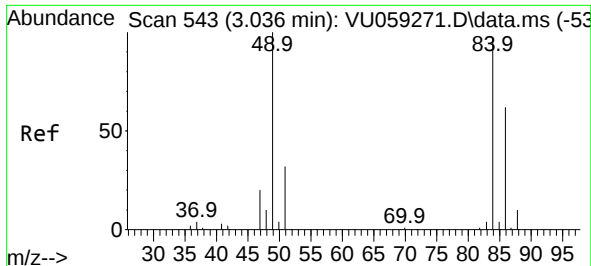
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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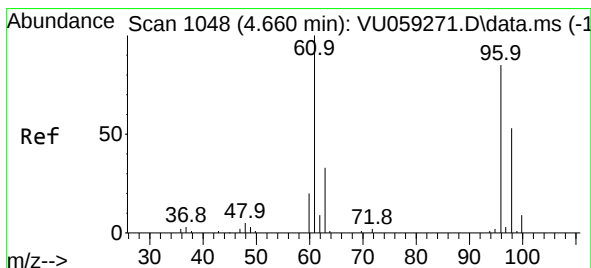
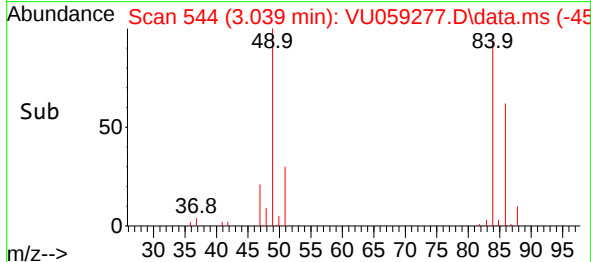
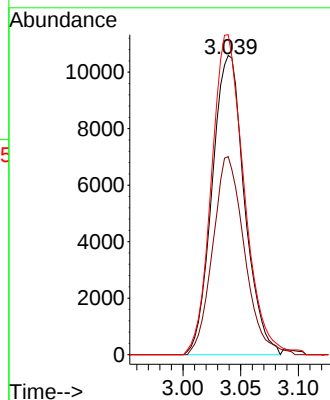
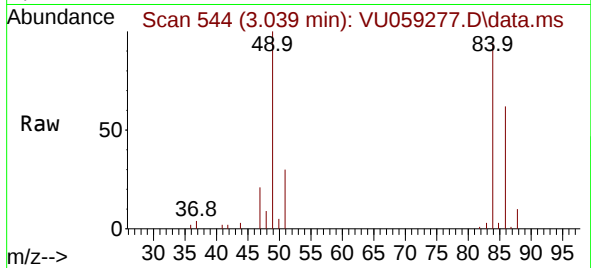




#16
Methylene chloride
Concen: 2.260 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU059277.D
Acq: 17 Jun 2024 13:59

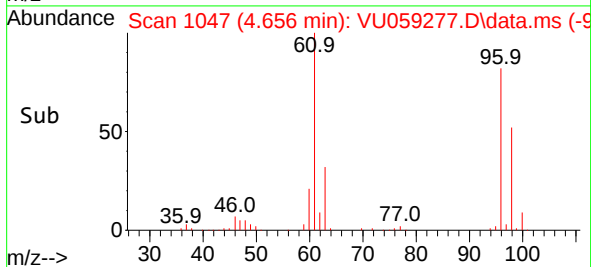
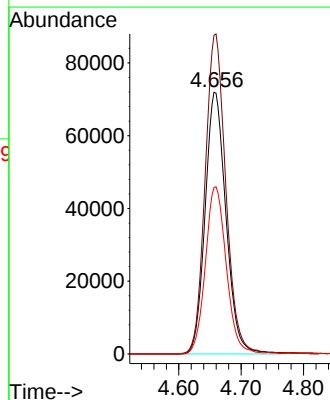
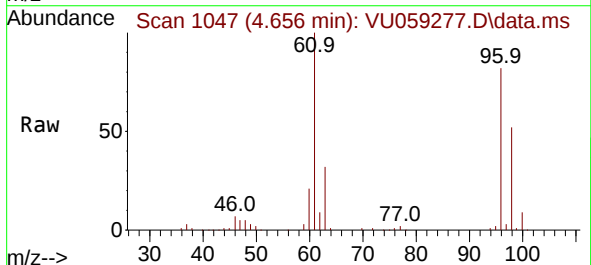
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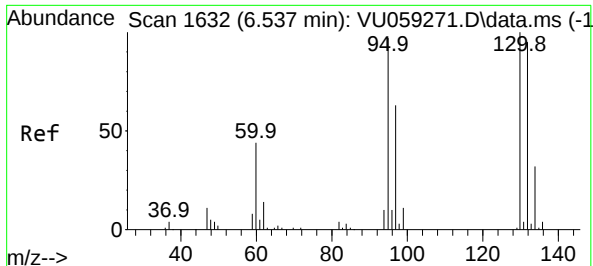
Tgt Ion: 84 Resp: 20618
Ion Ratio Lower Upper
84 100
86 66.2 42.1 78.1
49 106.9 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 18.968 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059277.D
Acq: 17 Jun 2024 13:59

Tgt Ion: 96 Resp: 167423
Ion Ratio Lower Upper
96 100
61 121.8 87.4 162.2
98 63.6 42.3 78.5



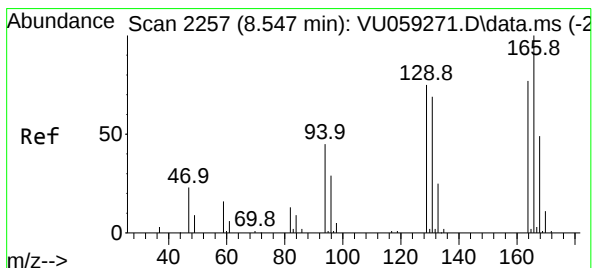
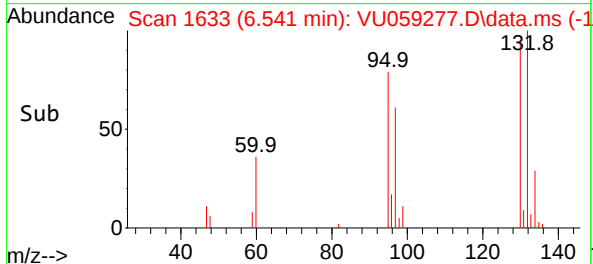
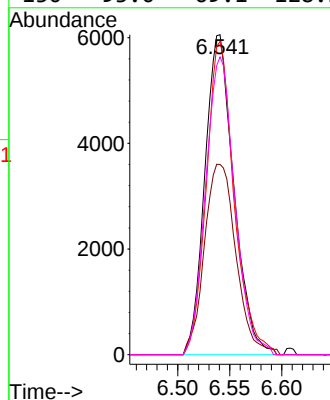
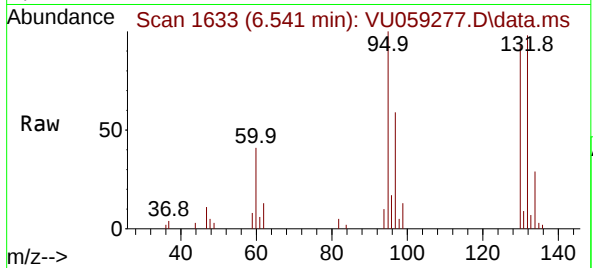


#34
 Trichloroethene
 Concen: 1.298 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU059277.D
 Acq: 17 Jun 2024 13:59

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Tgt Ion: 95 Resp: 11733

Ion	Ratio	Lower	Upper
95	100		
97	59.4	45.3	84.1
132	97.9	64.0	119.0
130	93.0	69.1	128.3



#47
 Tetrachloroethene
 Concen: 10.372 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.003 min
 Lab File: VU059277.D
 Acq: 17 Jun 2024 13:59

Tgt Ion: 164 Resp: 72767

Ion	Ratio	Lower	Upper
164	100		
129	93.8	70.8	131.4
131	90.1	64.8	120.3
166	128.2	91.1	169.1

