

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059278.D
 Acq On : 17 Jun 2024 14:24
 Operator : MD/SY
 Sample : P2895-02 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAT5

Quant Time: Jun 17 14:41:50 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)

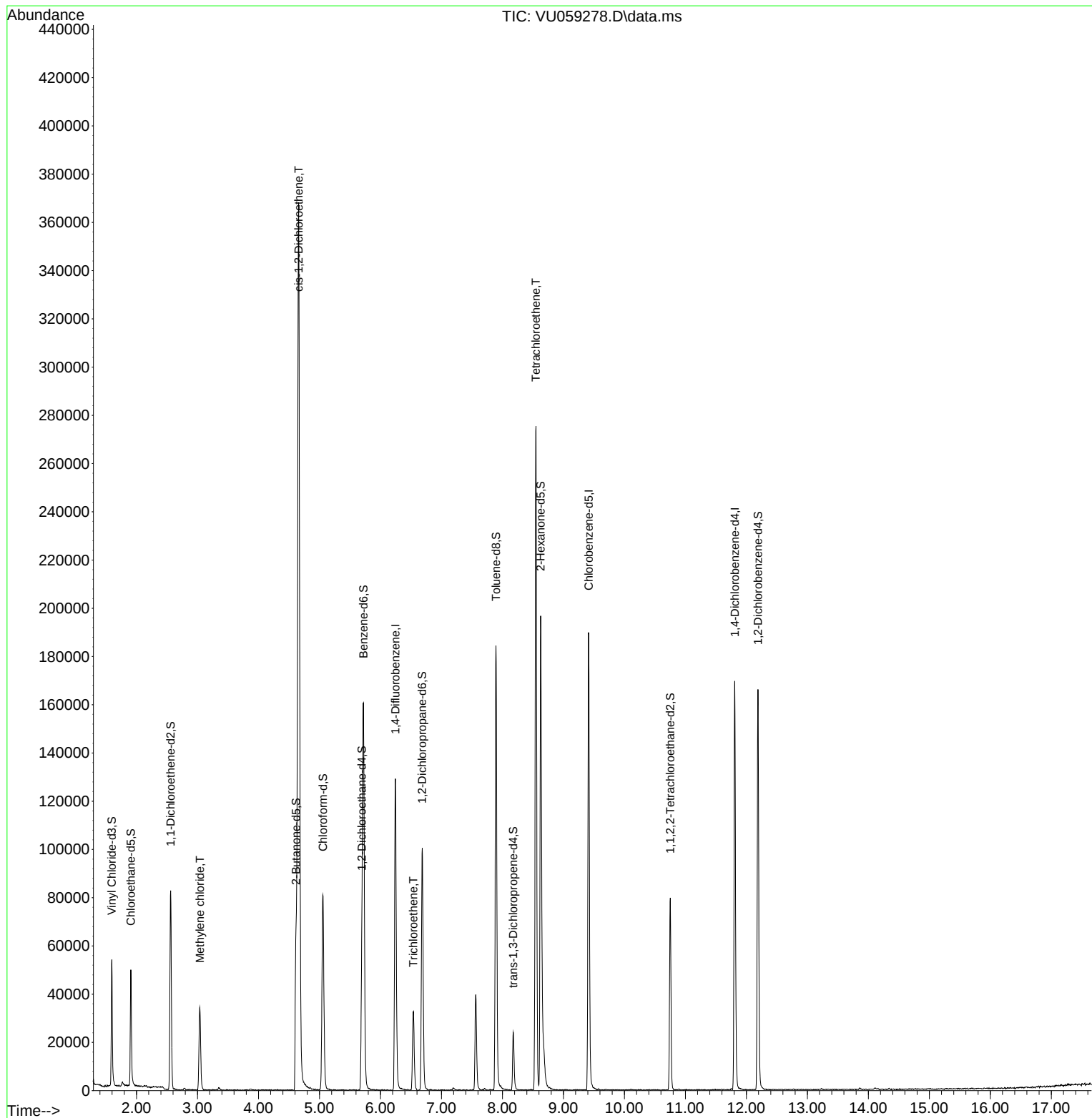
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	109539	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	110108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.810	152	48181	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	38400	5.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5		1.907	69	37465	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2		2.560	65	15444	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5		4.615	46	90285	57.545	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.080%	
24) Chloroform-d		5.058	84	77813	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4		5.695	65	40521	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%	
32) Benzene-d6		5.721	84	157981	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6		6.685	67	50260	5.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%	
41) Toluene-d8		7.894	98	129254	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...		8.177	79	14787	5.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%	
46) 2-Hexanone-d5		8.627	63	68286	56.521	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.040%	
56) 1,1,2,2-Tetrachloroeth...		10.753	84	41191	5.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4		12.190	152	48471	5.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%	
Target Compounds							
16) Methylene chloride		3.039	84	18088	1.965	ug/L	97
22) cis-1,2-Dichloroethene		4.660	96	198819	22.325	ug/L	95
34) Trichloroethene		6.541	95	11665	1.288	ug/L	96
47) Tetrachloroethene		8.550	164	62996	8.965	ug/L	95

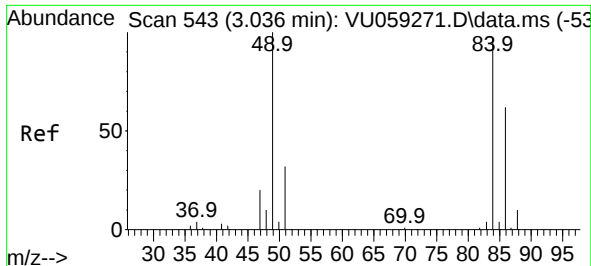
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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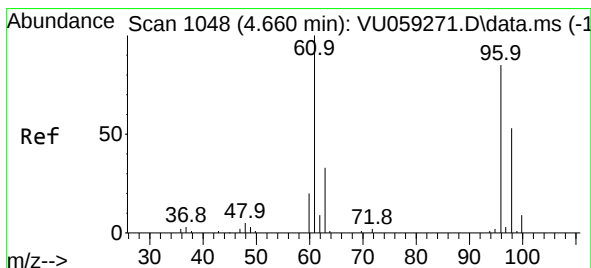
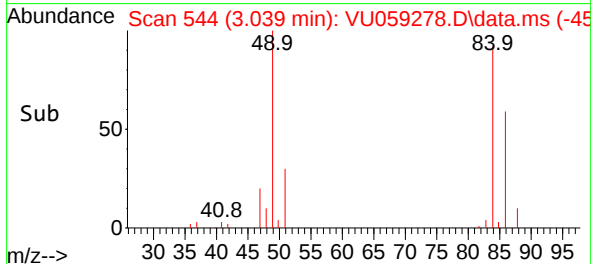
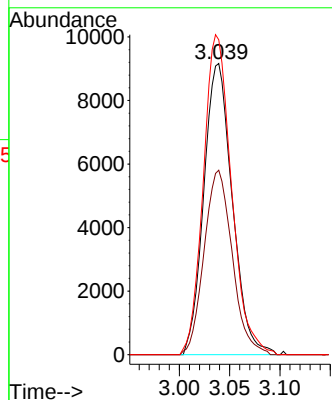
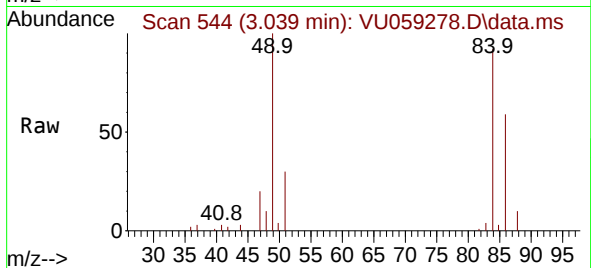




#16
Methylene chloride
Concen: 1.965 ug/L
RT: 3.039 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU059278.D
Acq: 17 Jun 2024 14:24

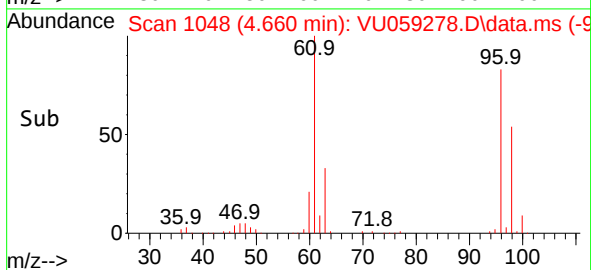
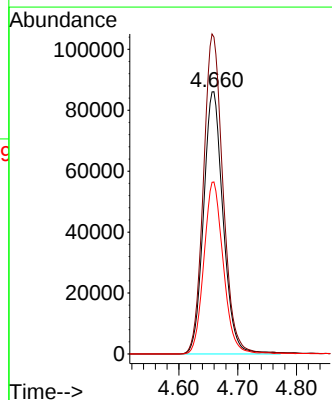
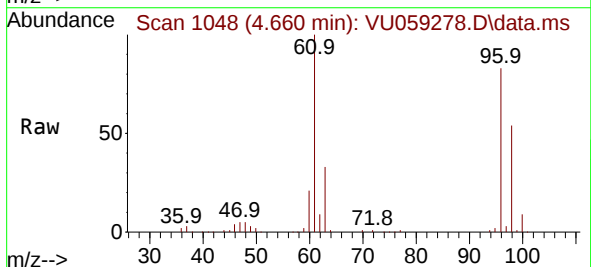
Instrument :
MSVOA_U
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BHAT5

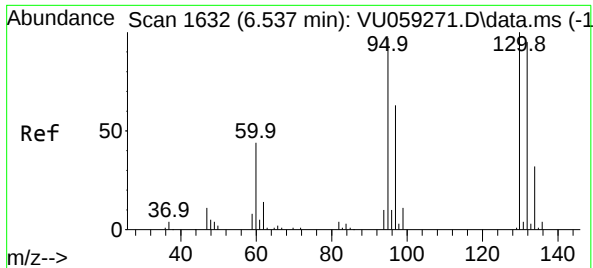
Tgt Ion: 84 Resp: 18088
Ion Ratio Lower Upper
84 100
86 63.4 42.1 78.1
49 112.7 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 22.325 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059278.D
Acq: 17 Jun 2024 14:24

Tgt Ion: 96 Resp: 198819
Ion Ratio Lower Upper
96 100
61 120.8 87.4 162.2
98 65.6 42.3 78.5



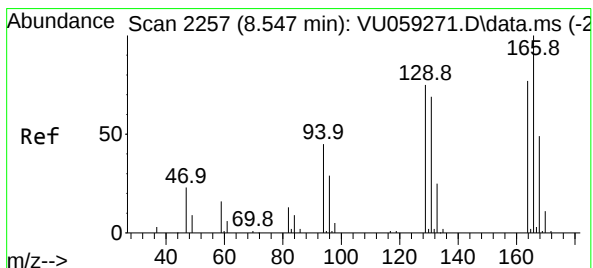
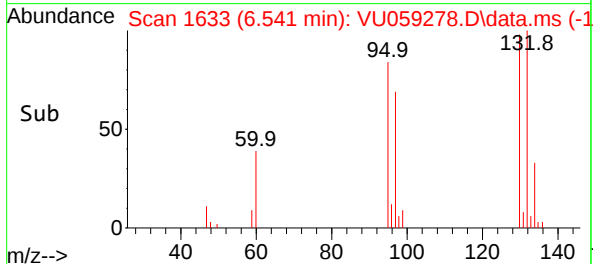
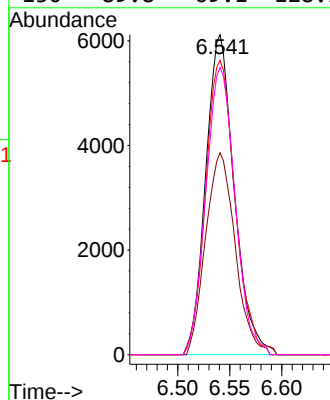
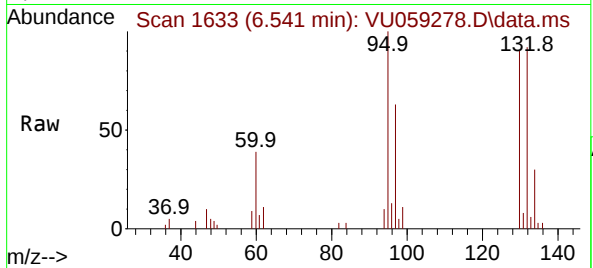


#34
 Trichloroethene
 Concen: 1.288 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VU059278.D
 Acq: 17 Jun 2024 14:24

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Tgt Ion: 95 Resp: 11665

Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.3	84.1
132	91.9	64.0	119.0
130	89.8	69.1	128.3



#47
 Tetrachloroethene
 Concen: 8.965 ug/L
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.003 min
 Lab File: VU059278.D
 Acq: 17 Jun 2024 14:24

Tgt Ion: 164 Resp: 62996

Ion	Ratio	Lower	Upper
164	100		
129	93.7	70.8	131.4
131	89.1	64.8	120.3
166	126.0	91.1	169.1

