

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059281.D
 Acq On : 17 Jun 2024 15:36
 Operator : MD/SY
 Sample : P2895-02DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAT5DL

Quant Time: Jun 18 04:21:31 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)

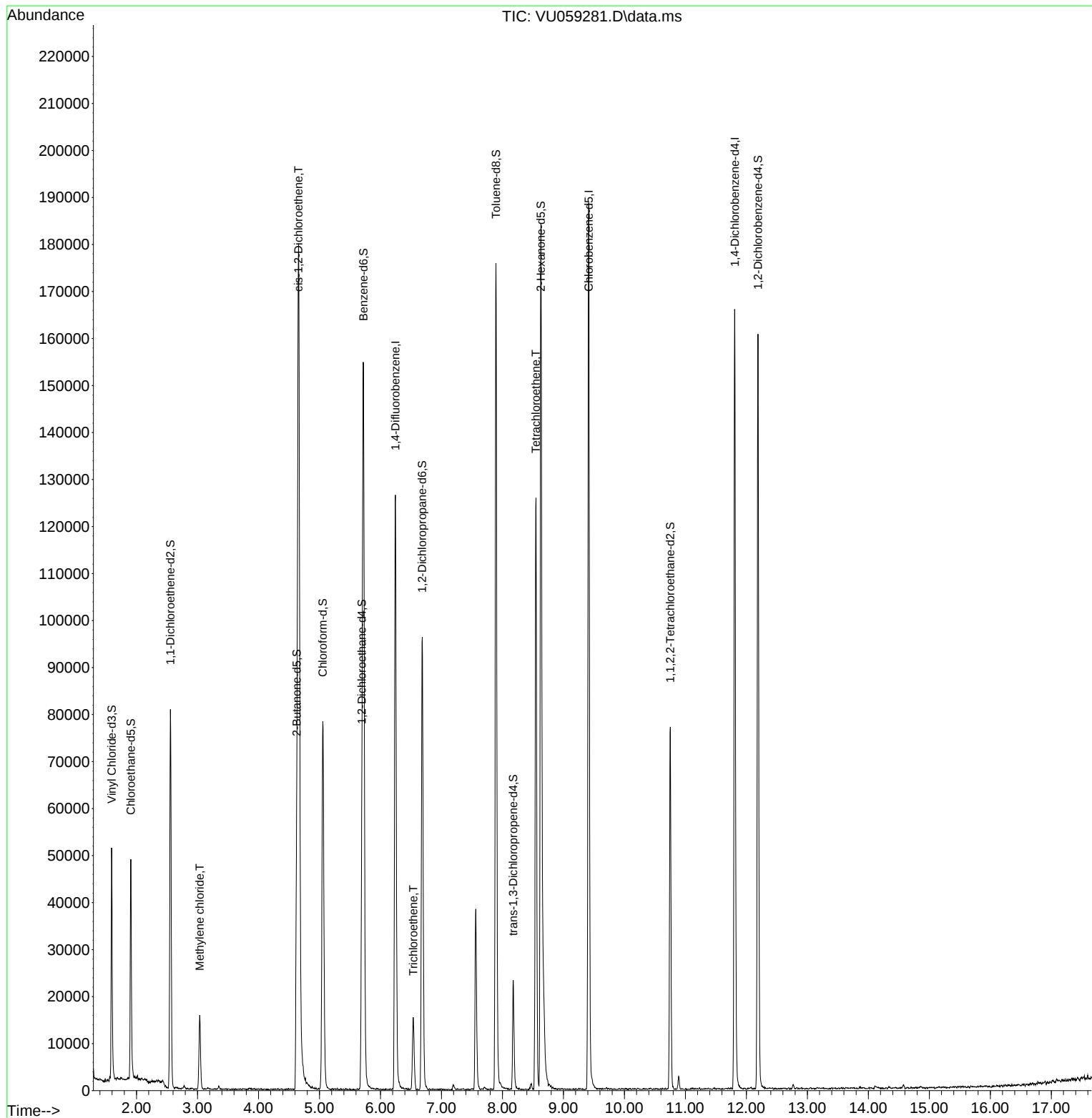
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	104989	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	110025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	47669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36660	5.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.907	69	36381	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.557	65	15074	4.977	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.627	46	90305	60.052	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.100%
24) Chloroform-d	5.055	84	75335	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	39899	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.721	84	149640	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.685	67	48281	5.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.894	98	122444	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.177	79	13686	4.710	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.630	63	66617	55.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	39533	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	45914	5.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	7887	0.894	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	89171	10.447	ug/L	96
34) Trichloroethene	6.541	95	5031	0.556	ug/L	90
47) Tetrachloroethene	8.550	164	28318	4.033	ug/L	99

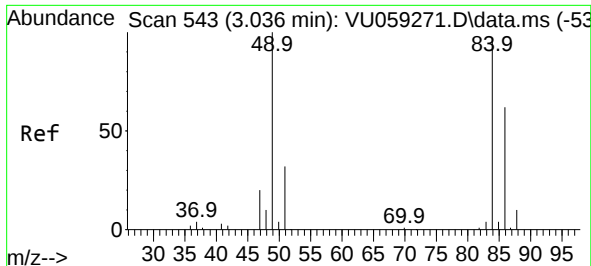
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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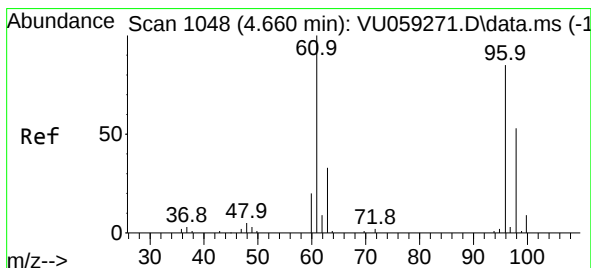
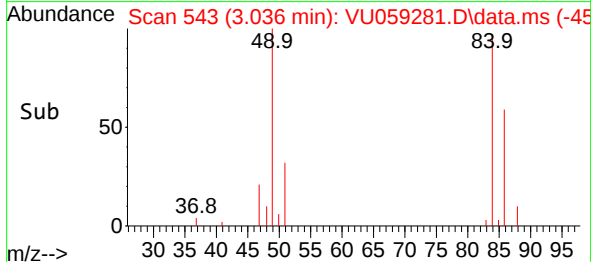
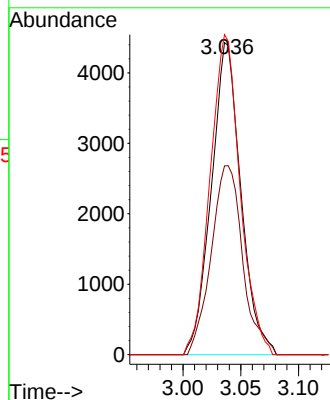
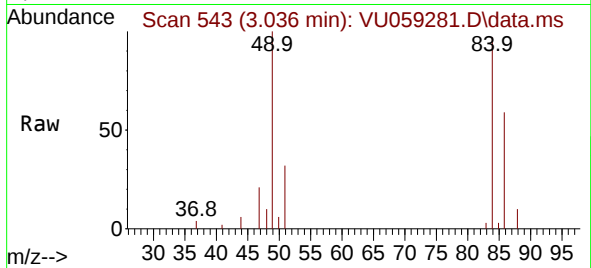




#16
Methylene chloride
Concen: 0.894 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU059281.D
Acq: 17 Jun 2024 15:36

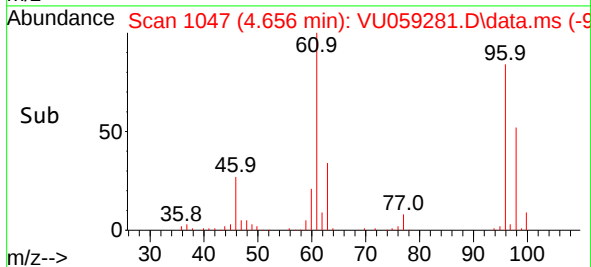
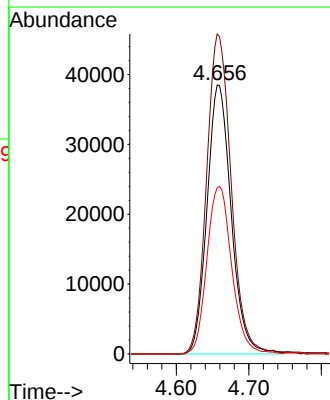
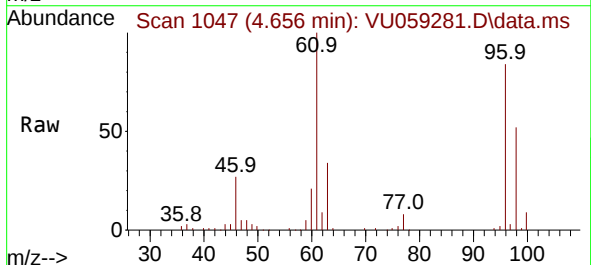
Instrument :
MSVOA_U
ClientSampleId :
BHAT5DL

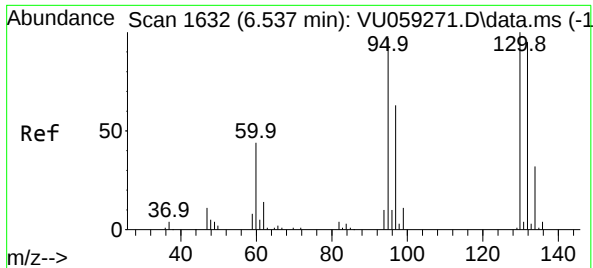
Tgt Ion: 84	Resp: 7887
Ion Ratio	Lower Upper
84	100
86	60.5 42.1 78.1
49	102.6 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 10.447 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059281.D
Acq: 17 Jun 2024 15:36

Tgt Ion: 96	Resp: 89171
Ion Ratio	Lower Upper
96	100
61	119.0 87.4 162.2
98	61.7 42.3 78.5



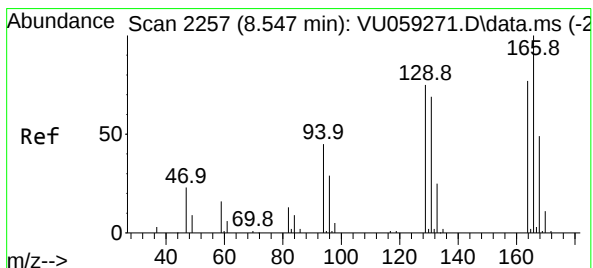
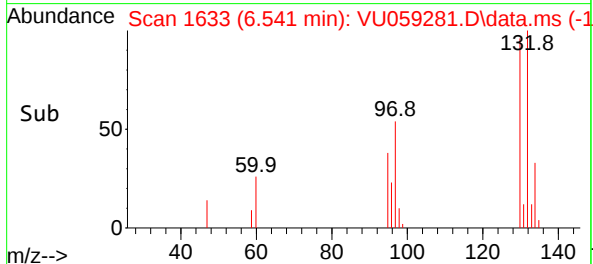
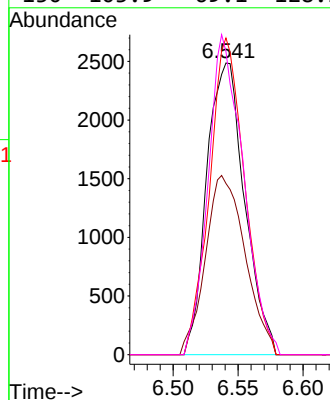
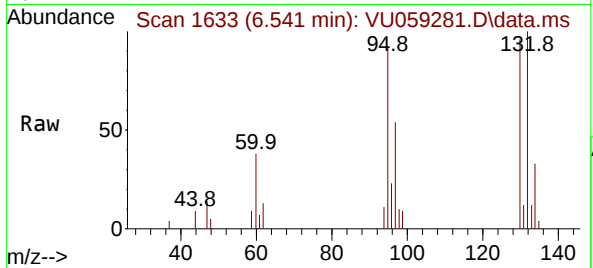


#34
Trichloroethene
Concen: 0.556 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU059281.D
Acq: 17 Jun 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 5031

Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.3	84.1
132	108.6	64.0	119.0
130	103.9	69.1	128.3



#47
Tetrachloroethene
Concen: 4.033 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059281.D
Acq: 17 Jun 2024 15:36

Tgt Ion: 164 Resp: 28318

Ion	Ratio	Lower	Upper
164	100		
129	99.1	70.8	131.4
131	91.2	64.8	120.3
166	130.0	91.1	169.1

