

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042924\
 Data File : VU058813.D
 Acq On : 29 Apr 2024 12:48
 Operator : MD/SY
 Sample : P2251-09 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR4

Quant Time: Apr 30 06:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 30 06:10:03 2024
 Response via : Initial Calibration

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

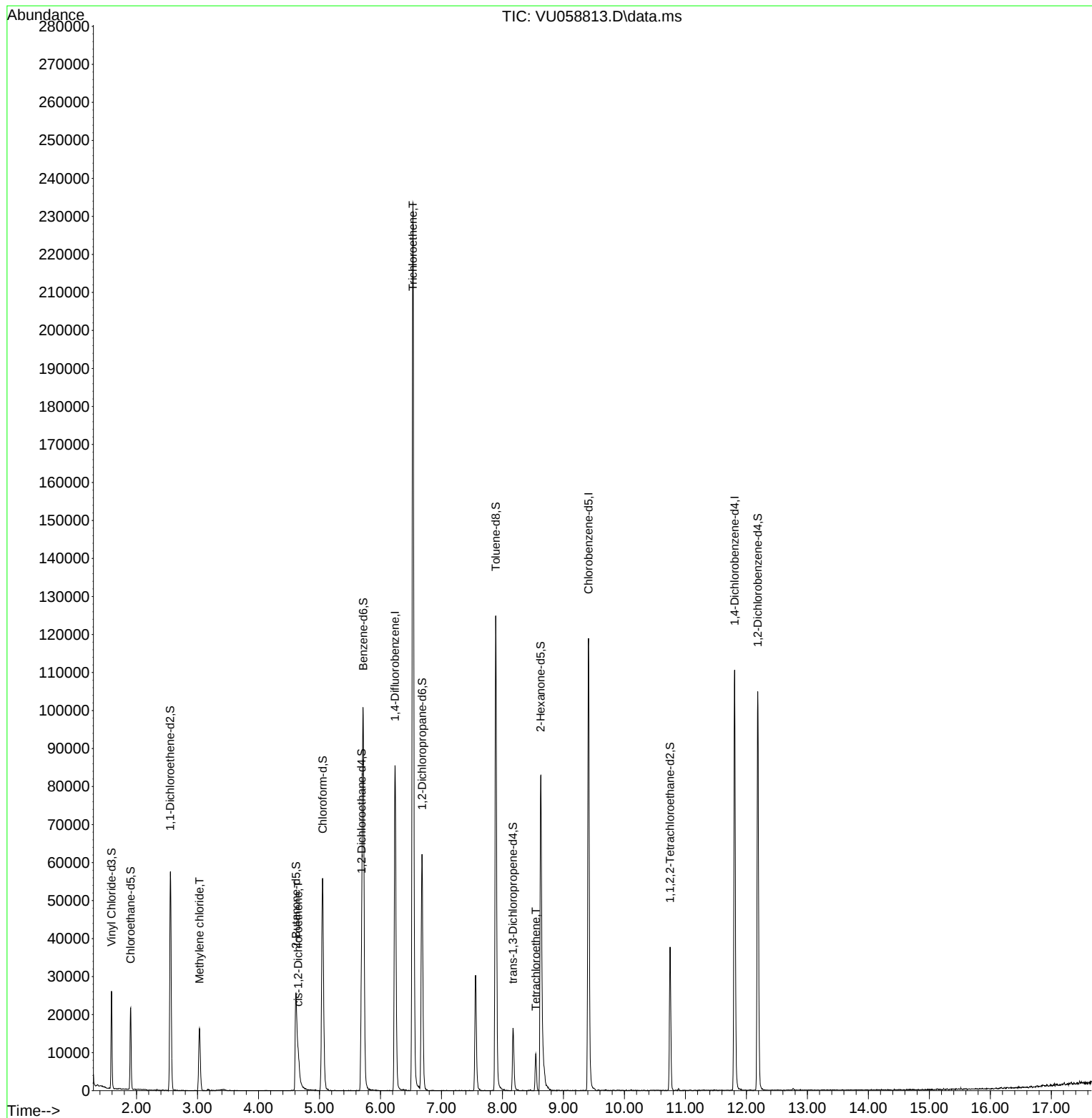
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	69108	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	64185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	18011	3.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.904	69	14344	3.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.000%
11) 1,1-Dichloroethene-d2	2.554	65	10978	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.615	46	39529	41.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.780%
24) Chloroform-d	5.052	84	52774	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.692	65	28201	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.718	84	92369	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.682	67	26746	4.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	83058	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	10320	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	29335	44.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17270	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	27833	5.249	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.033	84	7416	1.369	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	1893	0.342	ug/L	99
34) Trichloroethene	6.531	95	80041	13.246	ug/L	97
47) Tetrachloroethene	8.550	164	2064	0.487	ug/L	94

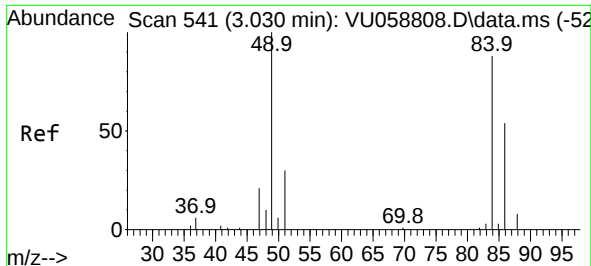
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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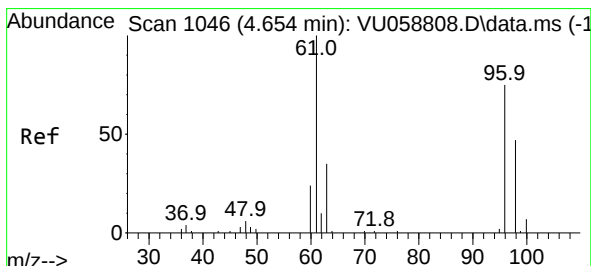
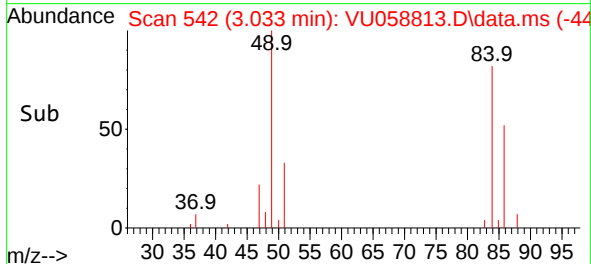
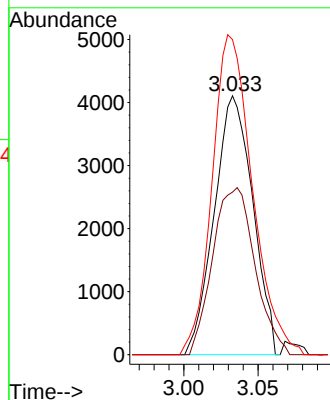
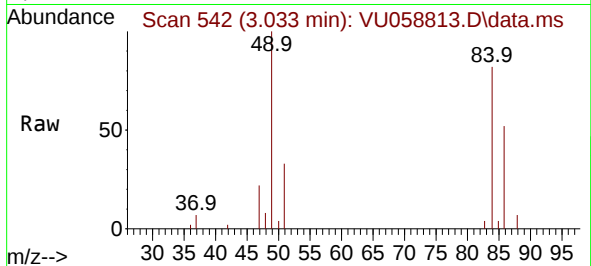




#16
Methylene chloride
Concen: 1.369 ug/L
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU058813.D
Acq: 29 Apr 2024 12:48

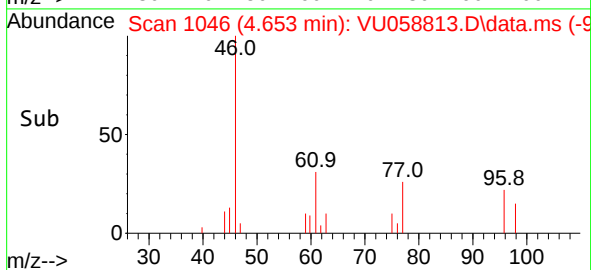
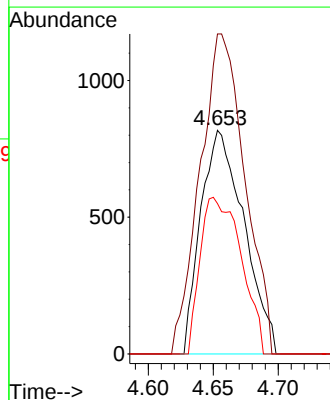
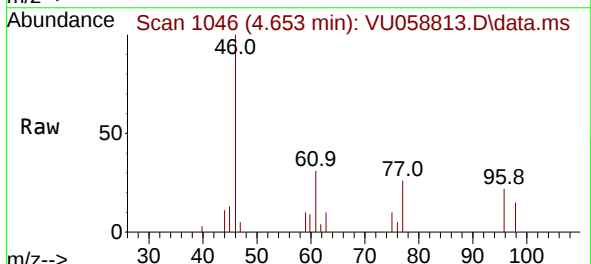
Instrument :
MSVOA_U
ClientSampleId :
C0AR4

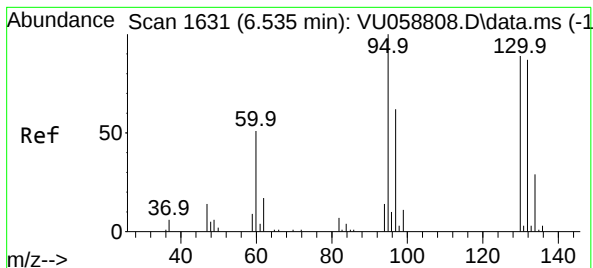
Tgt Ion: 84 Resp: 7416
Ion Ratio Lower Upper
84 100
86 62.8 45.0 83.6
49 121.7 91.6 170.2



#22
cis-1,2-Dichloroethene
Concen: 0.342 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.001 min
Lab File: VU058813.D
Acq: 29 Apr 2024 12:48

Tgt Ion: 96 Resp: 1893
Ion Ratio Lower Upper
96 100
61 143.0 100.4 186.4
98 67.2 45.1 83.7





#34

Trichloroethene

Concen: 13.246 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU058813.D

Acq: 29 Apr 2024 12:48

Instrument :

MSVOA_U

ClientSampleId :

C0AR4

Tgt Ion: 95 Resp: 80041

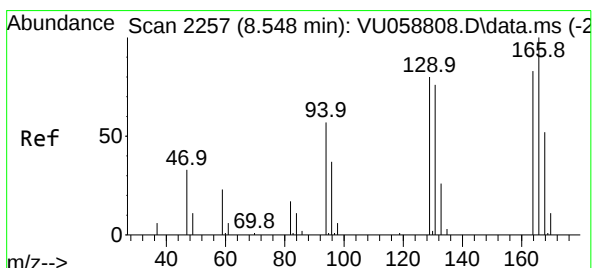
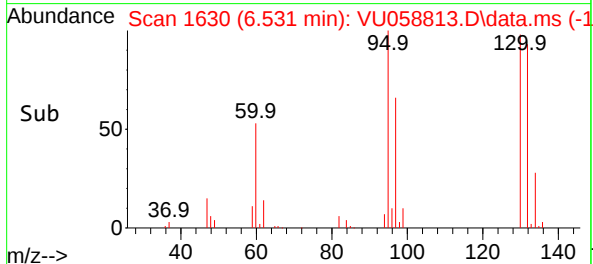
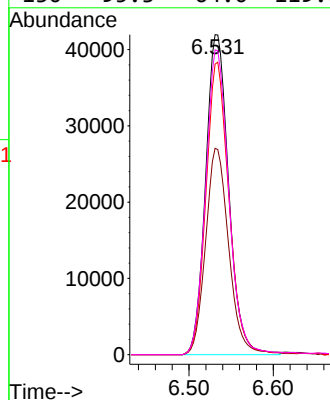
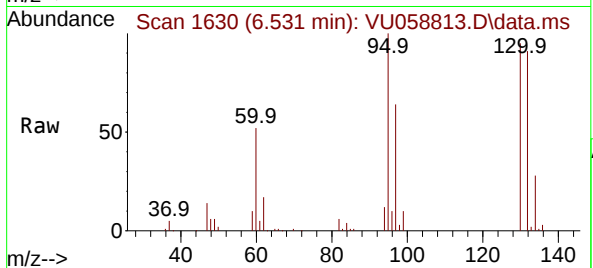
Ion Ratio Lower Upper

95 100

97 64.5 44.4 82.4

132 90.8 61.6 114.4

130 95.3 64.0 119.0



#47

Tetrachloroethene

Concen: 0.487 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU058813.D

Acq: 29 Apr 2024 12:48

Tgt Ion:164 Resp: 2064

Ion Ratio Lower Upper

164 100

129 95.9 71.5 132.9

131 98.8 65.0 120.6

166 120.6 89.5 166.1

