

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
 Data File : VU062821.D
 Acq On : 16 Jan 2025 15:46
 Operator : MD/SY
 Sample : Q1072-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCQ86

Quant Time: Jan 16 22:07:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 22:02:47 2025
 Response via : Initial Calibration

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

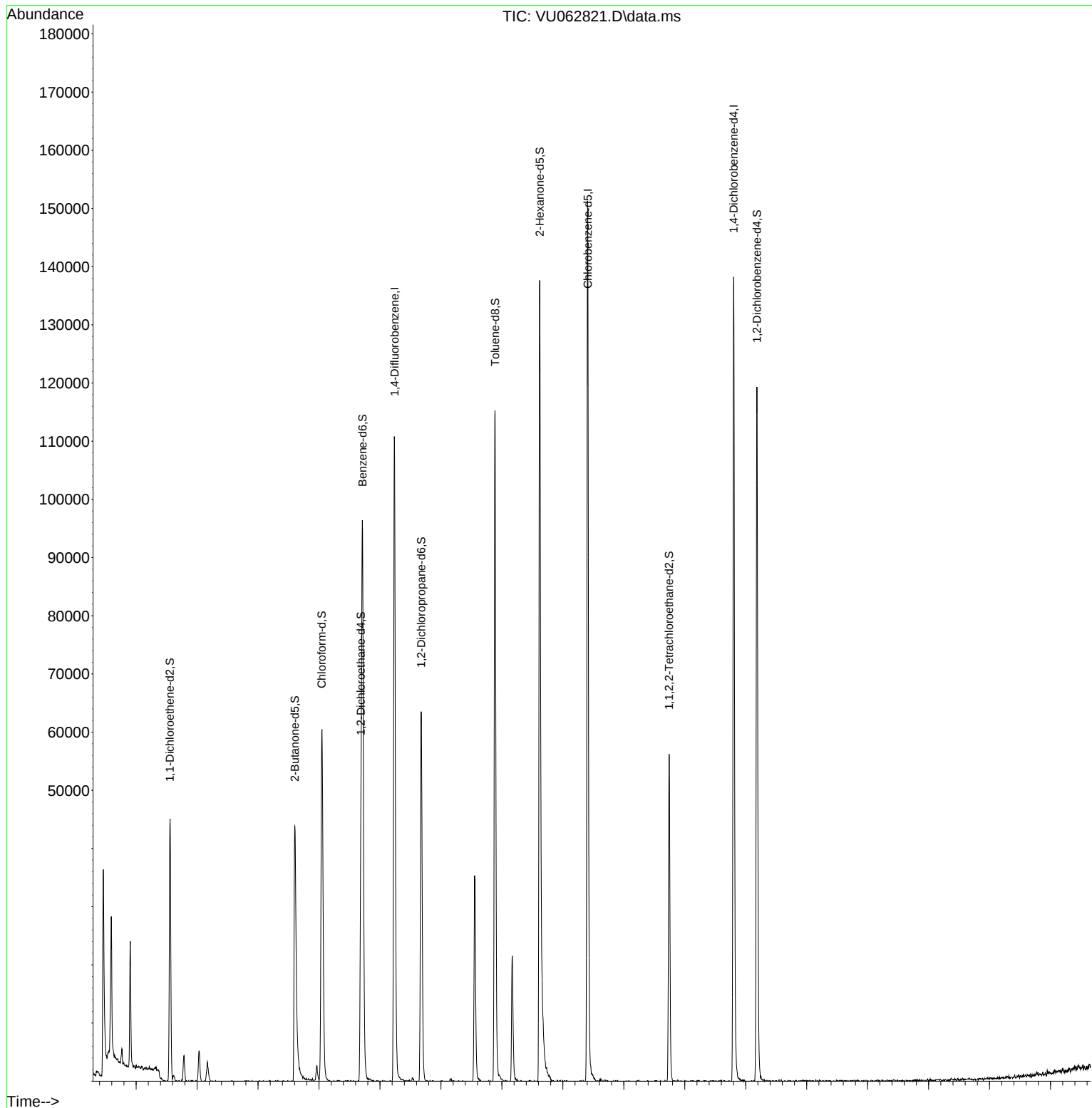
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	92670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	14603	2.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.904	69	14806	3.586	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.554	65	8435	3.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	4.602	46	61639	58.761	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.520%
24) Chloroform-d	5.046	84	57695	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.689	65	34686	5.064	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.714	84	89304	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.676	67	28020	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.888	98	81799	3.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.171	79	13388	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.621	63	49501	53.644	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.280%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26395	5.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	34388	5.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
14) Carbon disulfide	2.785	76	5934	0.323	ug/L	94
16) Methylene chloride	3.033	84	2909	0.462	ug/L	89
23) Bromochloromethane	4.965	128	954	0.301	ug/L	85
25) Chloroform	5.074	83	3942	0.291	ug/L	92

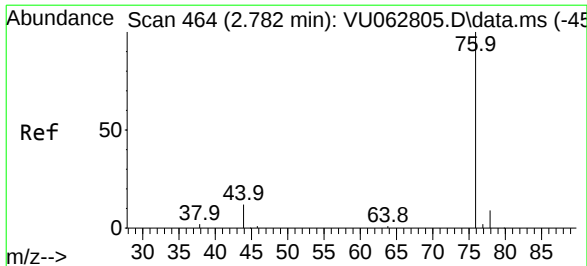
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.323 ug/L

RT: 2.785 min Scan# 464

Delta R.T. 0.003 min

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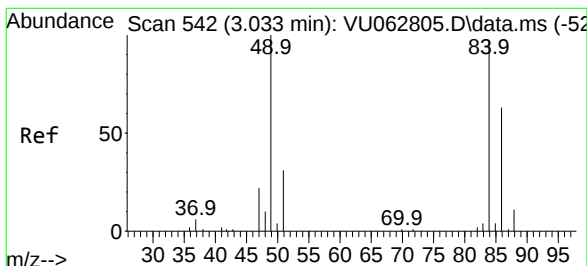
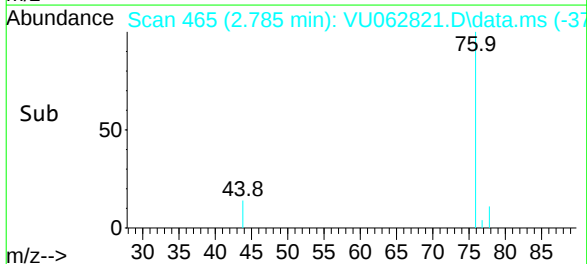
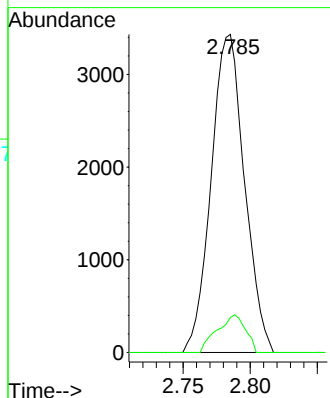
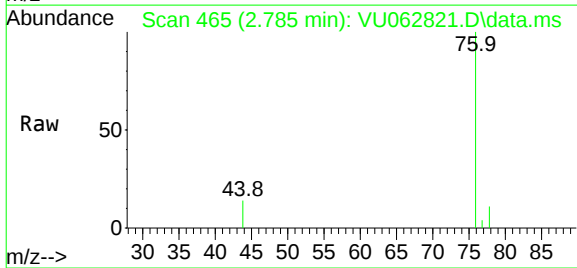
GCQ86

Tgt Ion: 76 Resp: 5934

Ion Ratio Lower Upper

76 100

78 11.0 7.0 10.6#



#16

Methylene chloride

Concen: 0.462 ug/L

RT: 3.033 min Scan# 542

Delta R.T. 0.000 min

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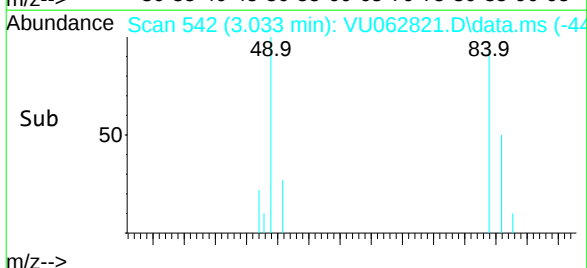
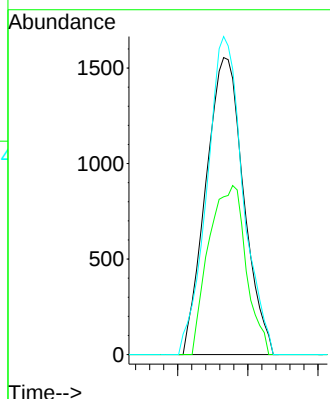
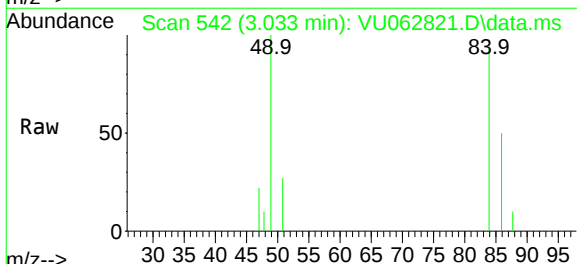
Tgt Ion: 84 Resp: 2909

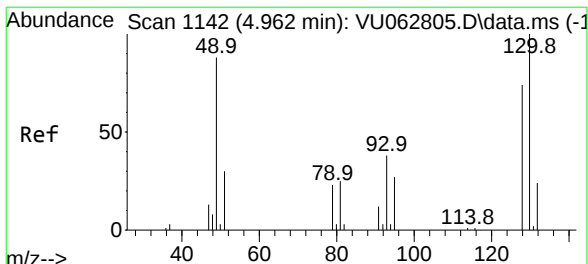
Ion Ratio Lower Upper

84 100

86 53.1 44.7 83.1

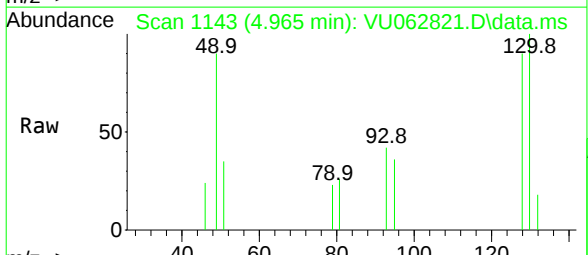
49 107.1 68.3 126.9



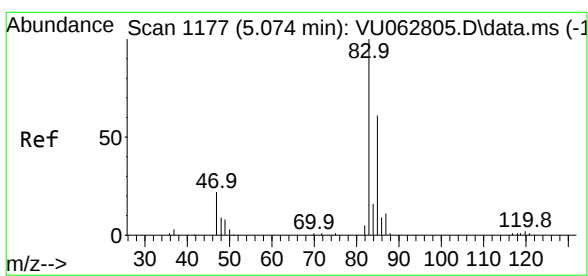
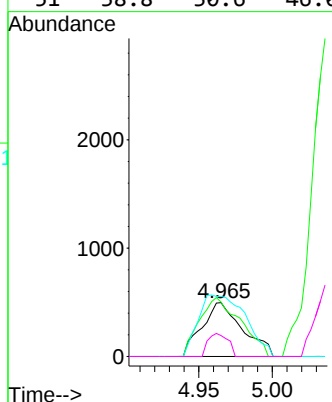
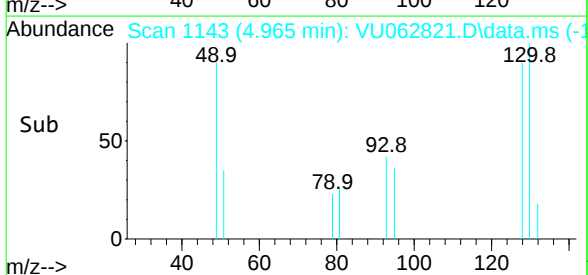


#23
 Bromochloromethane
 Concen: 0.301 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.003 min
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Tgt Ion:	128	Resp:	954
Ion	Ratio	Lower	Upper
128	100		
49	101.0	81.1	150.7
130	111.7	94.9	176.3
51	38.8	30.6	46.0



#25
 Chloroform
 Concen: 0.291 ug/L
 RT: 5.074 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: VU062821.D
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Tgt Ion:	83	Resp:	3942
Ion	Ratio	Lower	Upper
83	100		
85	71.7	45.8	85.2

