

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055430.D
 Acq On : 20 Sep 2023 17:17
 Operator : MD/SY
 Sample : 04398-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P5DL

Quant Time: Sep 21 00:31:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

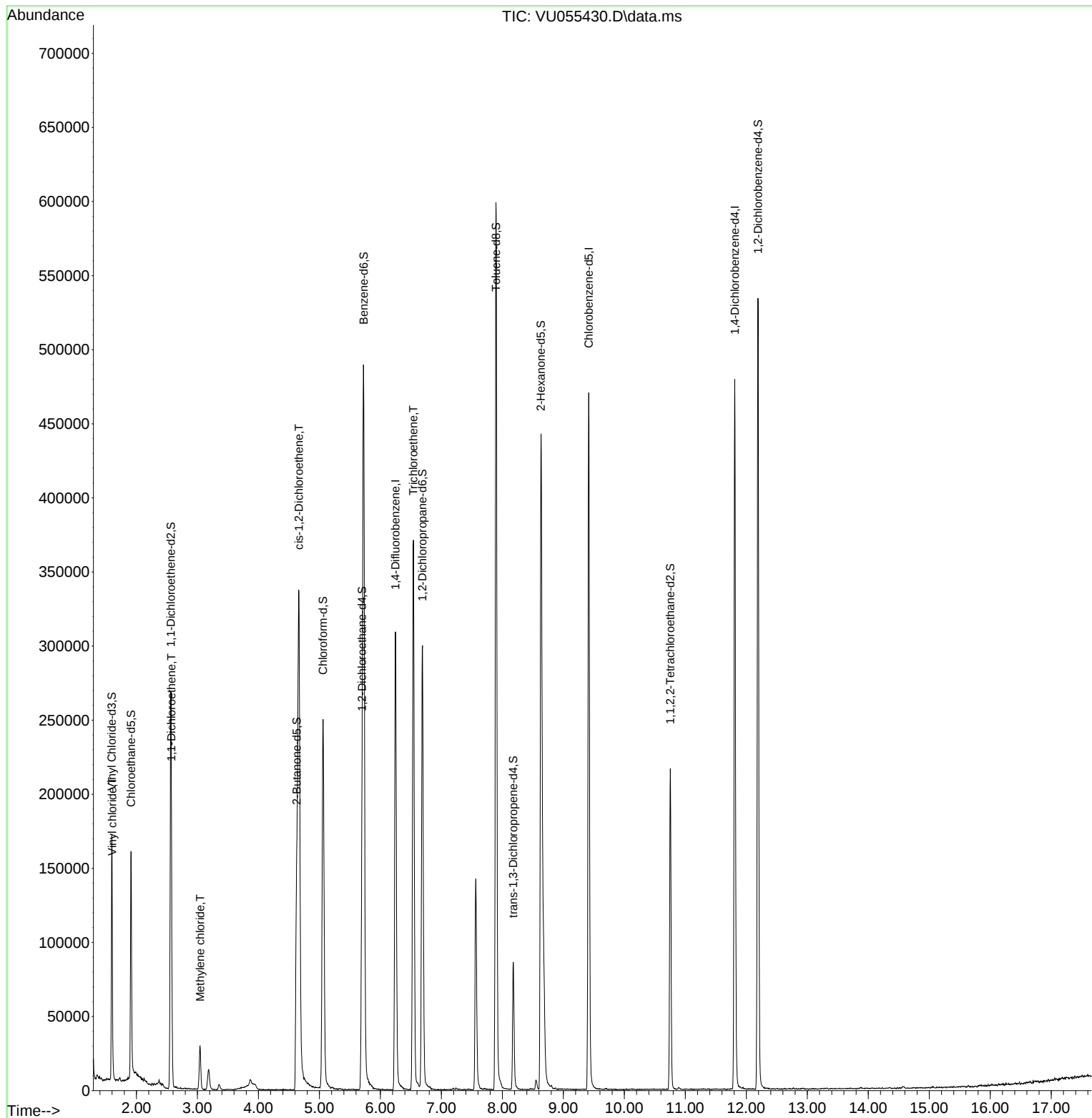
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	257122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	126467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	114694	4.413	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.911	69	106615	4.655	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.563	65	48564	4.540	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.628	46	244029	51.989	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.980%	
24) Chloroform-d	5.059	84	235232	5.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.698	65	121118	5.357	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.200%	
32) Benzene-d6	5.724	84	472340	5.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.689	67	143684	5.235	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.600%	
41) Toluene-d8	7.894	98	403834	4.823	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	8.177	79	48428	5.028	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.631	63	137363	46.883	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.760%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	106040	5.155	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	139476	5.464	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	5122	0.216	ug/L #	57
12) 1,1-Dichloroethene	2.573	96	7189	0.400	ug/L #	1
16) Methylene chloride	3.043	84	13929	0.647	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	153758	7.319	ug/L	98
34) Trichloroethene	6.541	95	128850	6.026	ug/L	99

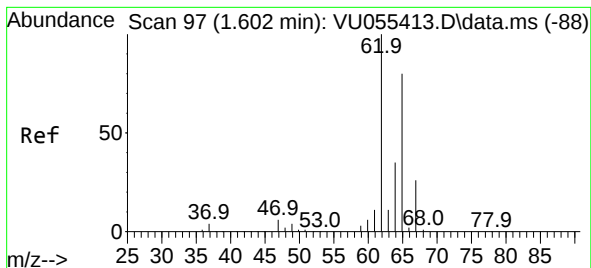
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.216 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

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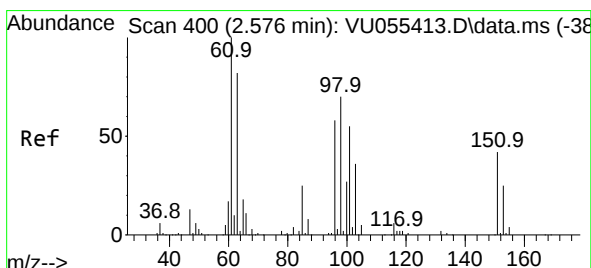
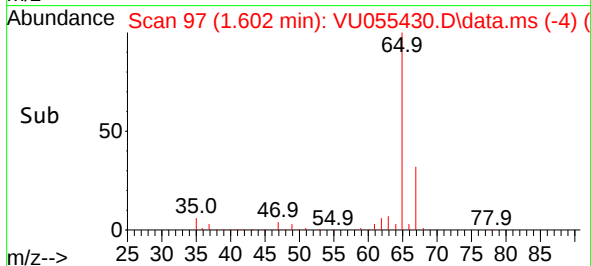
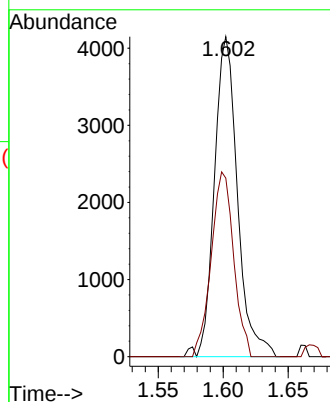
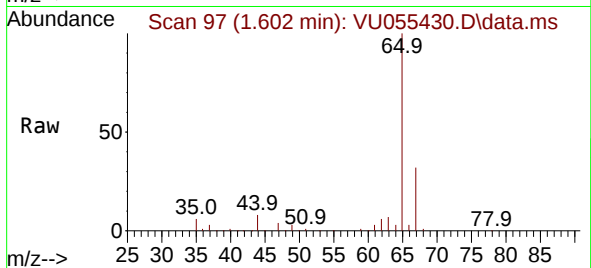
BH4P5DL

Tgt Ion: 62 Resp: 5122

Ion Ratio Lower Upper

62 100

64 55.8 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.400 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU055430.D

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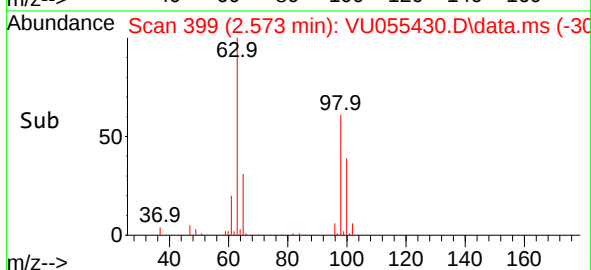
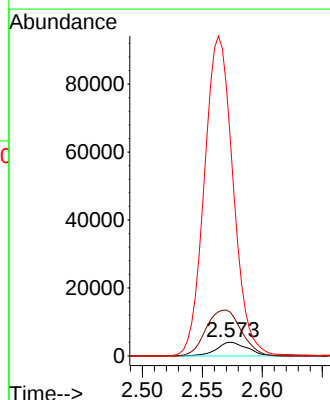
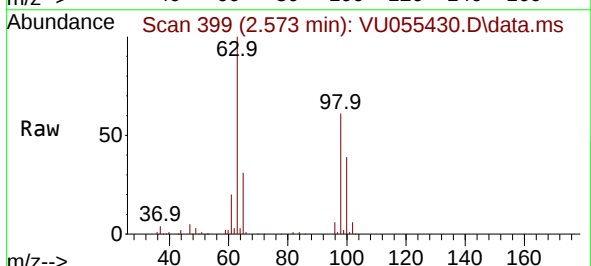
Tgt Ion: 96 Resp: 7189

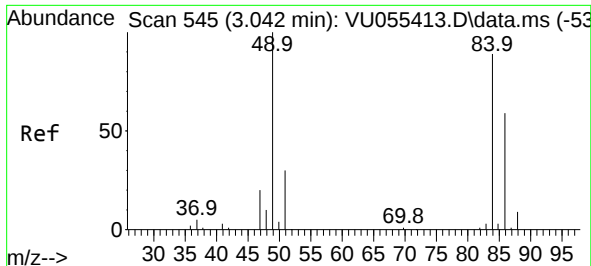
Ion Ratio Lower Upper

96 100

61 318.9 114.5 212.7#

63 1591.9 98.3 182.5#

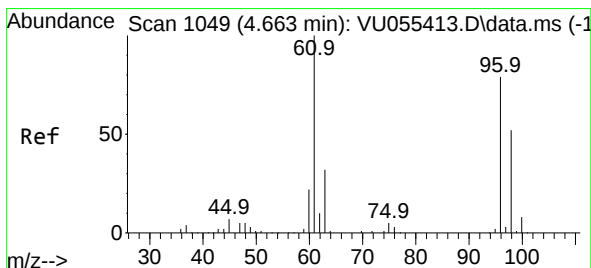
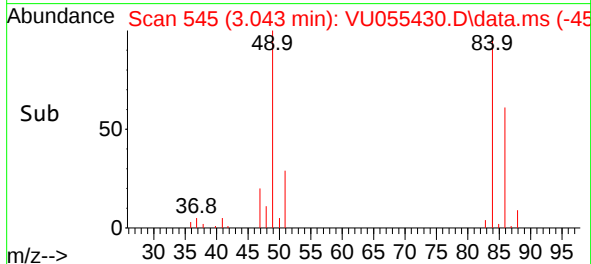
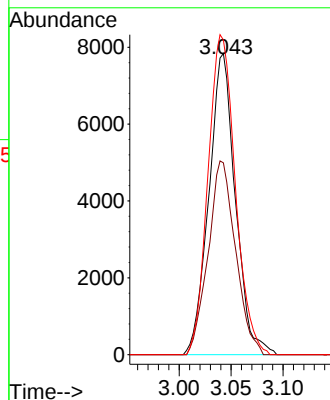
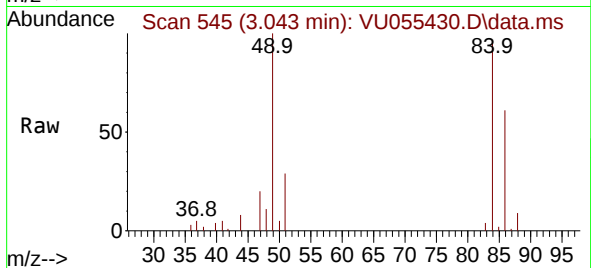




#16
Methylene chloride
Concen: 0.647 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055430.D
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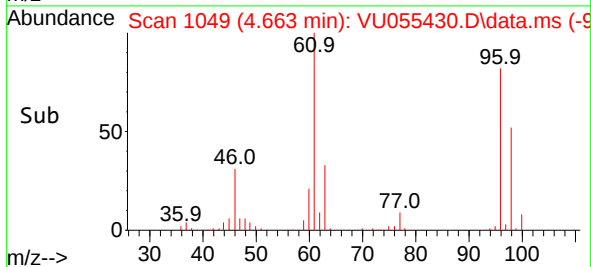
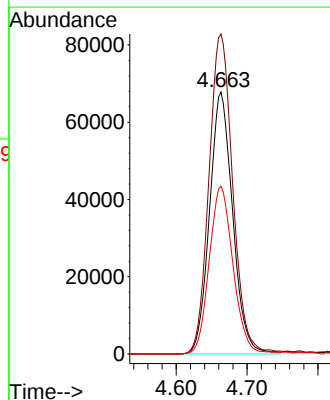
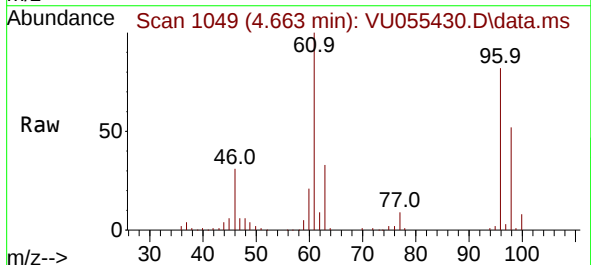
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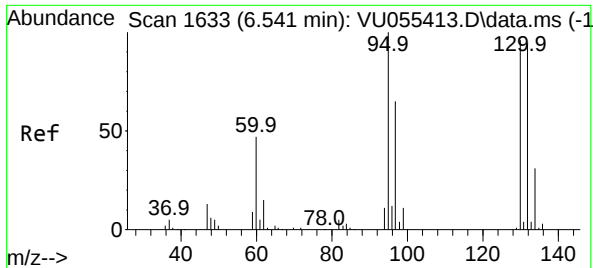
Tgt Ion: 84 Resp: 13929
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.3
49 104.6 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 7.319 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055430.D
Acq: 20 Sep 2023 17:17

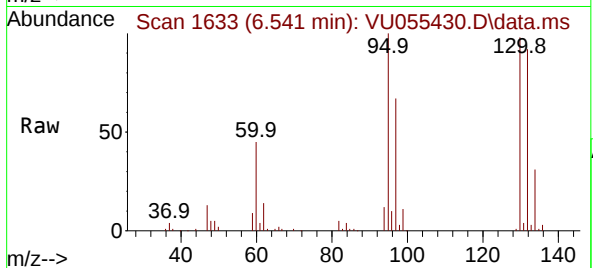
Tgt Ion: 96 Resp: 153758
Ion Ratio Lower Upper
96 100
61 122.3 87.8 163.2
98 64.1 44.4 82.4





#34
 Trichloroethene
 Concen: 6.026 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU055430.D
 Acq: 20 Sep 2023 17:17

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P5DL



Tgt Ion: 95 Resp: 128850

Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.4	84.2
132	92.5	65.2	121.2
130	98.5	69.1	128.3

