

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092723\
 Data File : VU055557.D
 Acq On : 27 Sep 2023 17:36
 Operator : MD/SY
 Sample : 04530-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ12DL

Quant Time: Sep 27 23:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

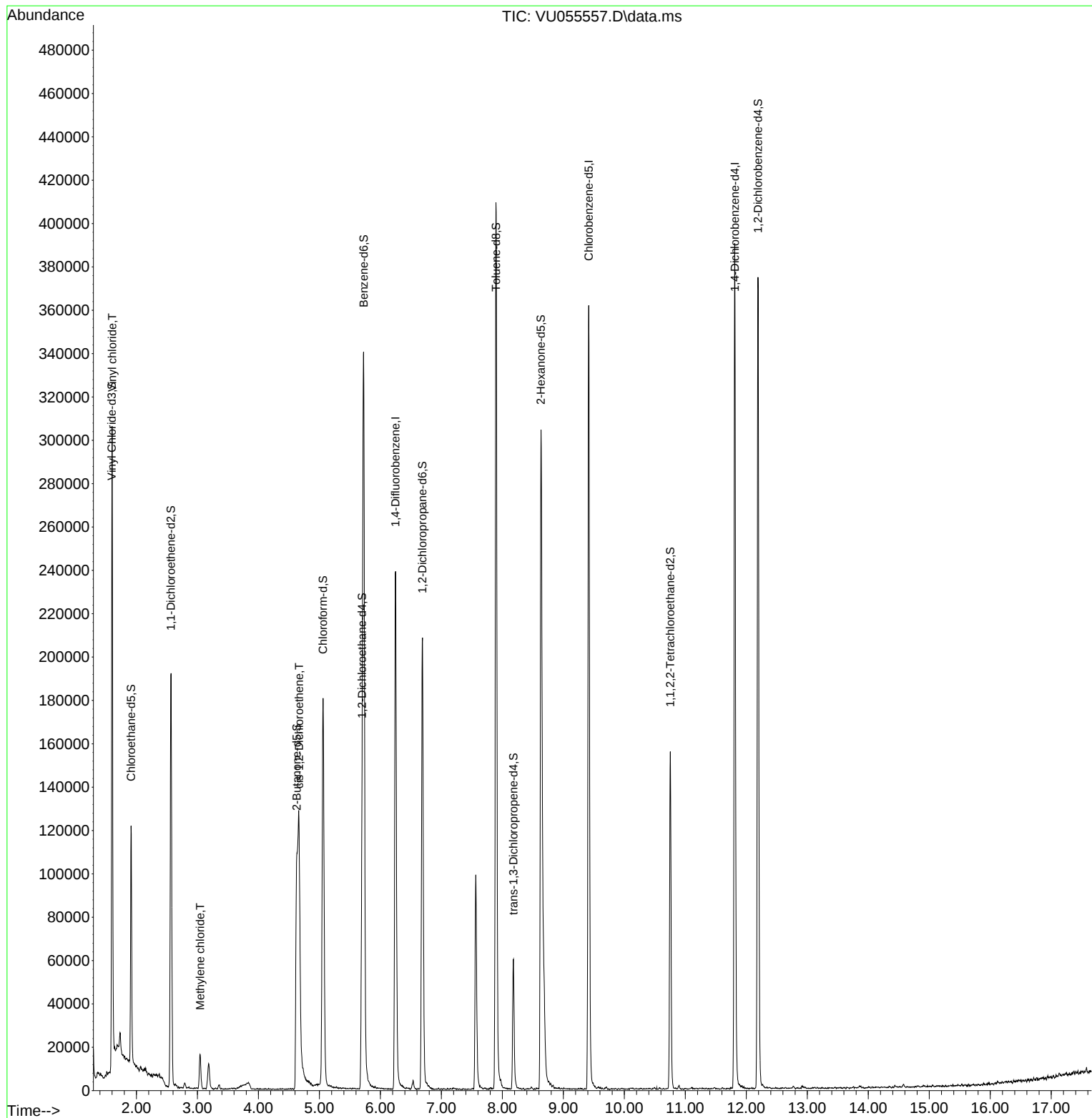
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	196853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	214140	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	106464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89466	4.497	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.911	69	75436	4.302	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.563	65	35164	4.294	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	4.628	46	170894	47.555	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.100%	
24) Chloroform-d	5.059	84	170984	4.751	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.698	65	82577	4.770	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.724	84	333101	4.447	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.689	67	103669	4.632	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.894	98	285016	4.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.400%	
43) trans-1,3-Dichloroprop...	8.181	79	35668	4.542	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.631	63	96378	40.345	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.680%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79208	4.723	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	101361	4.717	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	128829	7.083	ug/L	95
16) Methylene chloride	3.043	84	7852	0.476	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	47656	2.963	ug/L	93

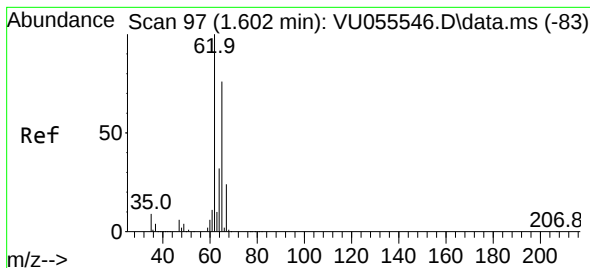
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.083 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

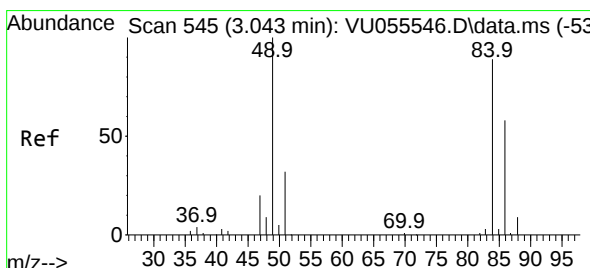
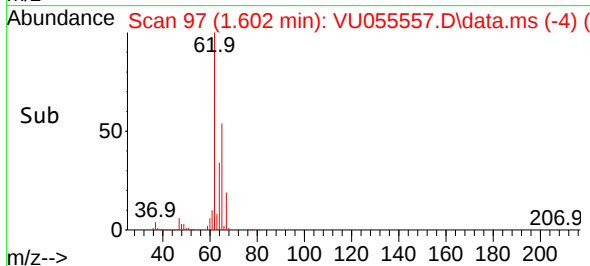
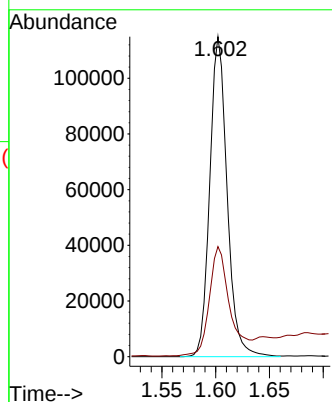
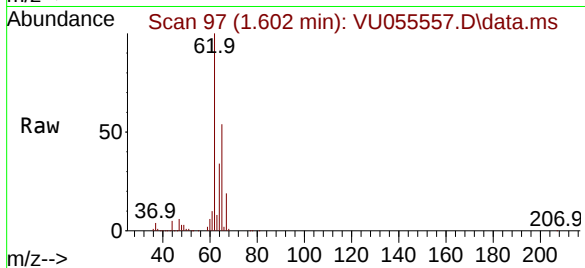
EYJ12DL

Tgt Ion: 62 Resp: 128829

Ion Ratio Lower Upper

62 100

64 34.4 22.3 41.5



#16

Methylene chloride

Concen: 0.476 ug/L

RT: 3.043 min Scan# 545

Delta R.T. -0.000 min

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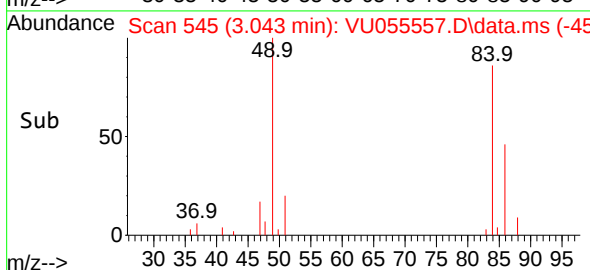
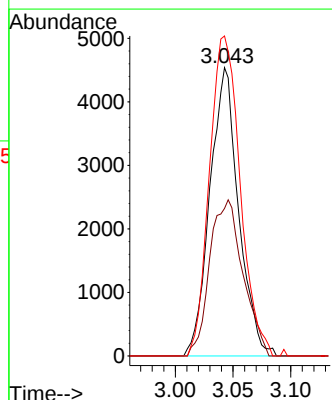
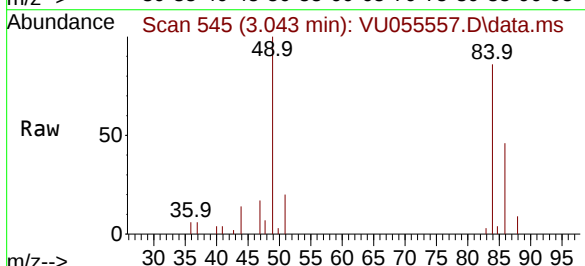
Tgt Ion: 84 Resp: 7852

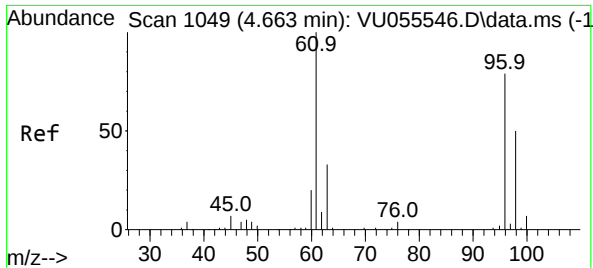
Ion Ratio Lower Upper

84 100

86 51.2 44.9 83.3

49 114.8 78.8 146.3





#22
 cis-1,2-Dichloroethene
 Concen: 2.963 ug/L
 RT: 4.666 min Scan# 10
 Delta R.T. 0.003 min
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 MSVOA_U
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Tgt Ion: 96	Resp: 47656
Ion Ratio	Lower Upper
96 100	
61 115.7	87.8 163.2
98 61.4	44.4 82.4

