

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055835.D
 Acq On : 20 Oct 2023 16:15
 Operator : MD/SY
 Sample : 04947-11 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:08:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

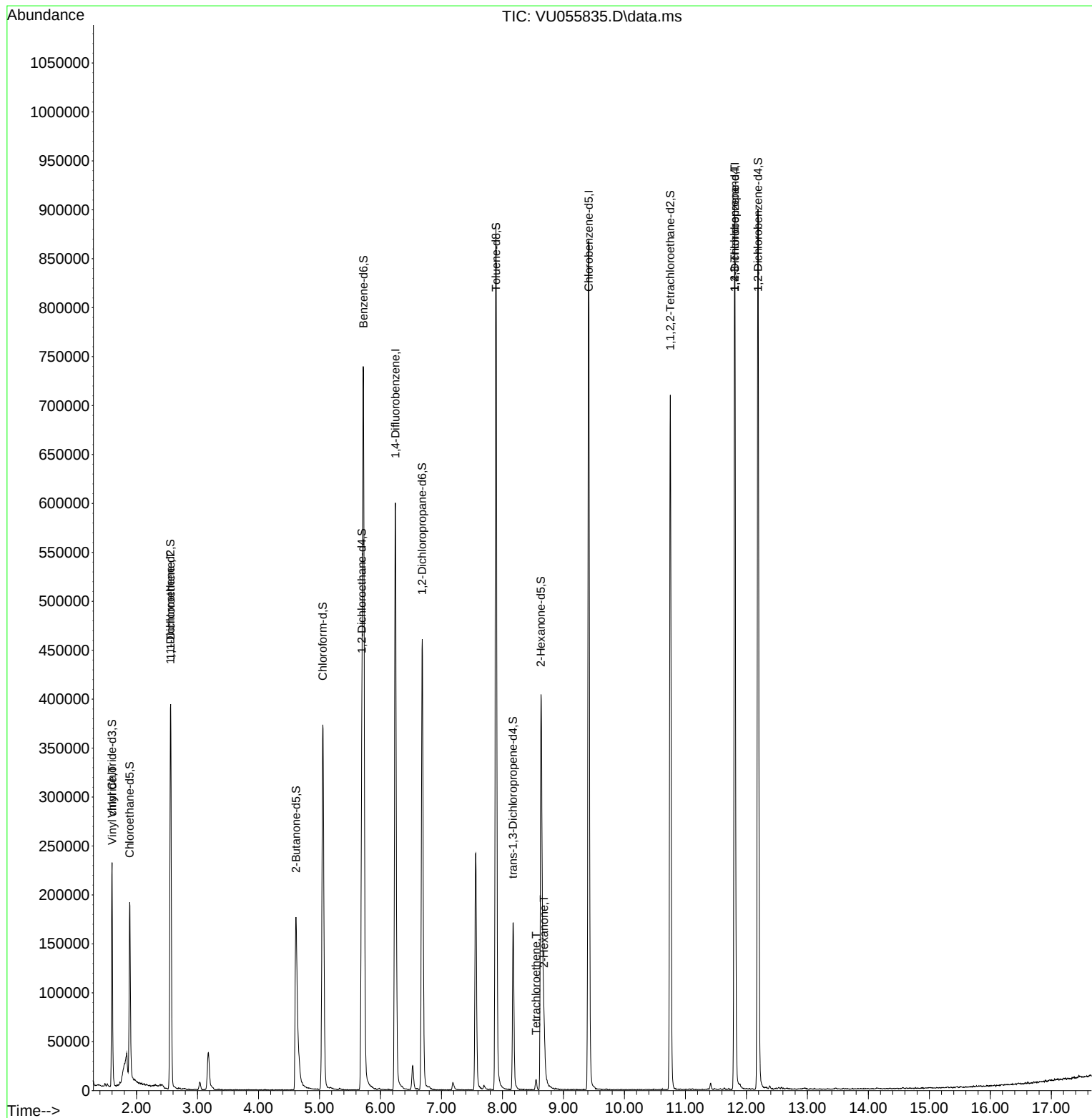
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	483287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	486975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	240319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	159692	36.839	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	73.680%	
7) Chloroethane-d5	1.888	69	143815	40.586	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.180%	
11) 1,1-Dichloroethene-d2	2.557	63	236717	30.626	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.260%	
21) 2-Butanone-d5	4.615	46	266598	82.998	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	83.000%	
24) Chloroform-d	5.055	84	354811	42.695	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.695	65	232245	45.403	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.800%	
32) Benzene-d6	5.721	84	695383	44.630	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.260%	
36) 1,2-Dichloropropane-d6	6.685	67	223936	45.399	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	90.800%	
41) Toluene-d8	7.894	98	602607	42.832	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.660%	
43) trans-1,3-Dichloroprop...	8.174	79	97321	41.073	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.140%	
47) 2-Hexanone-d5	8.631	63	131964	68.053	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	68.050%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	359878	47.399	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	236406	49.571	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.140%	
Target Compounds						
5) Vinyl chloride	1.602	62	11269	2.689	ug/L #	74
12) 1,1-Dichloroethene	2.560	96	2021	0.590	ug/L #	1
46) Tetrachloroethene	8.553	164	2508	0.832	ug/L	86
48) 2-Hexanone	8.682	43	28457	5.713	ug/L #	42
60) 1,2,3-Trichloropropane	11.807	75	28111	5.390	ug/L #	68

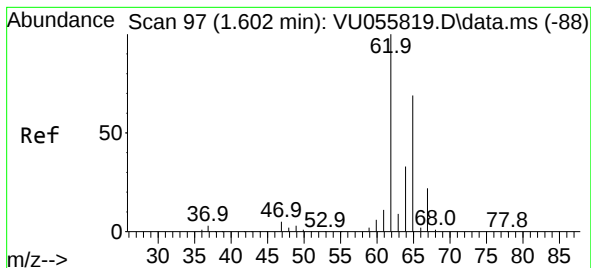
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.689 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

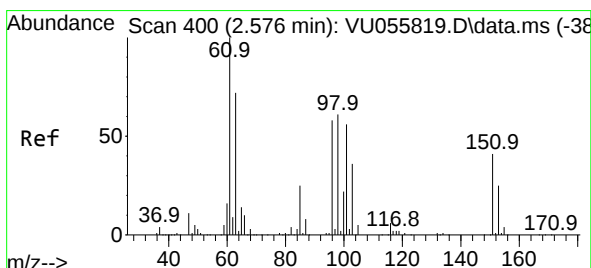
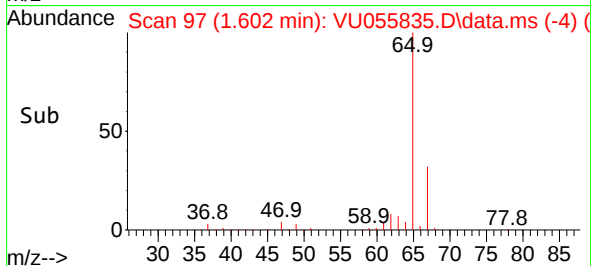
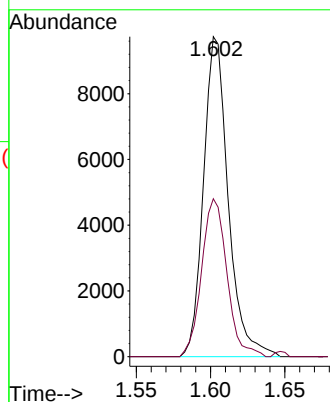
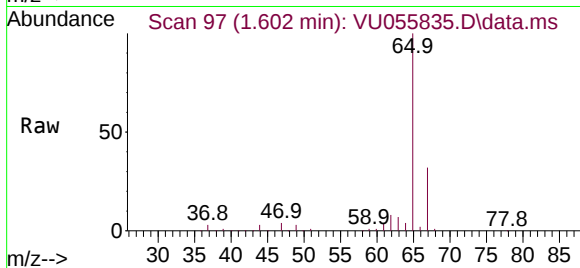
ClientSampleId :

Tgt Ion: 62 Resp: 11269

Ion Ratio Lower Upper

62 100

64 49.3 23.9 44.5#



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.560 min Scan# 395

Delta R.T. -0.016 min

Lab File: VU055835.D

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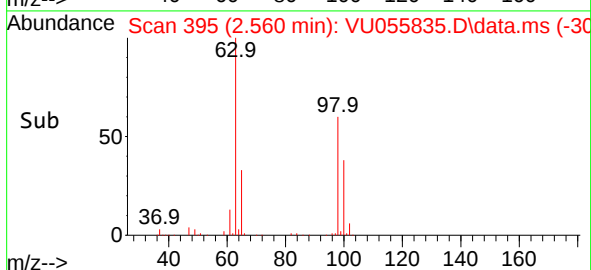
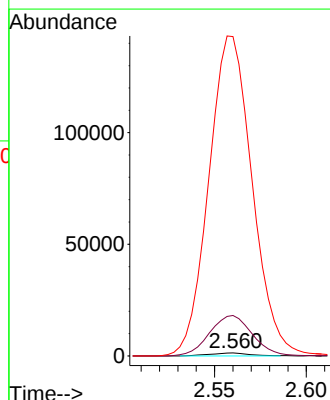
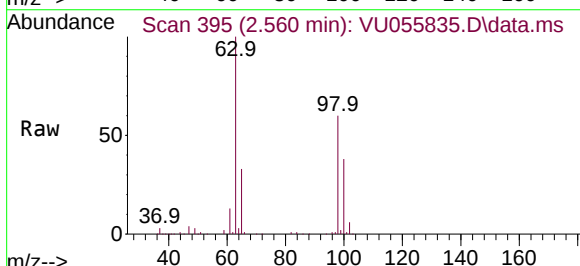
Tgt Ion: 96 Resp: 2021

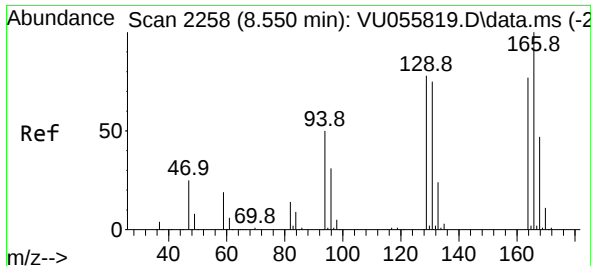
Ion Ratio Lower Upper

96 100

61 1346.0 122.0 226.6#

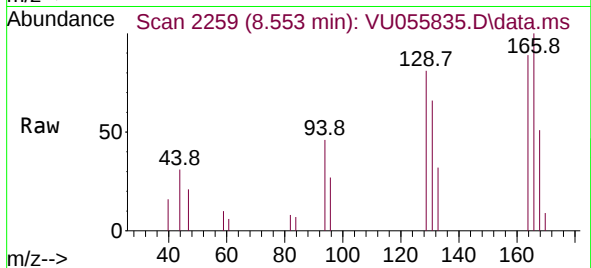
63 10611.3 93.7 174.1#



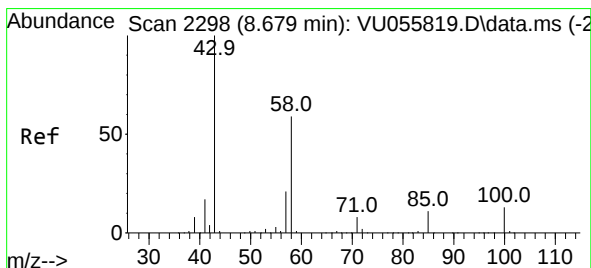
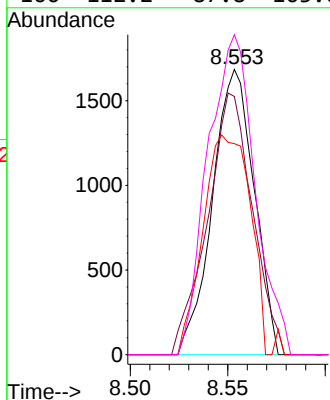
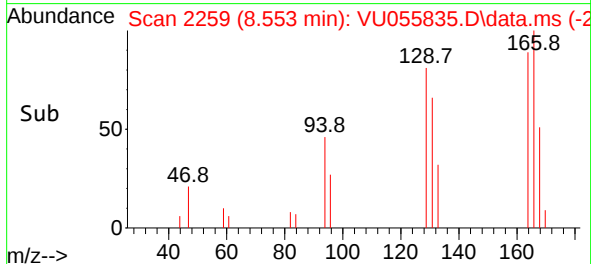


#46
Tetrachloroethene
Concen: 0.832 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055835.D
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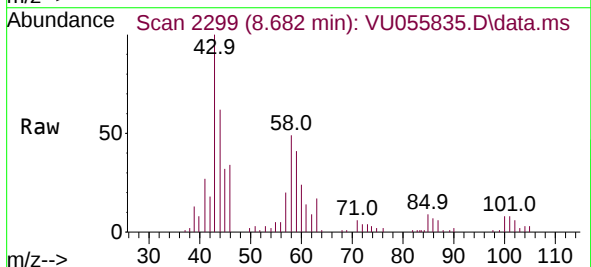
Instrument :
MSVOA_U
ClientSampleId :



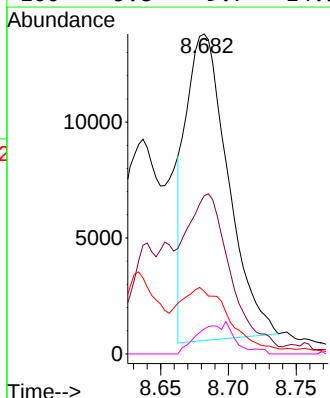
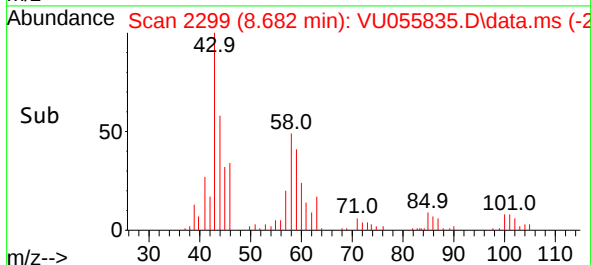
Tgt Ion:164 Resp: 2508
Ion Ratio Lower Upper
164 100
129 90.5 70.7 131.3
131 73.9 65.9 122.5
166 112.2 87.8 163.0

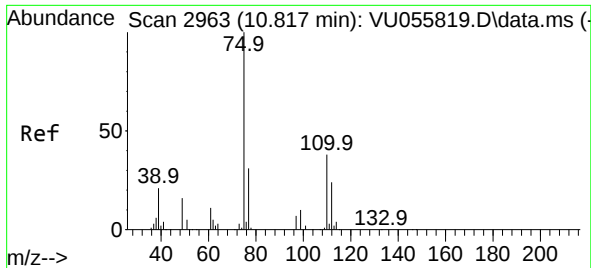


#48
2-Hexanone
Concen: 5.713 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU055835.D
Acq: 20 Oct 2023 16:15



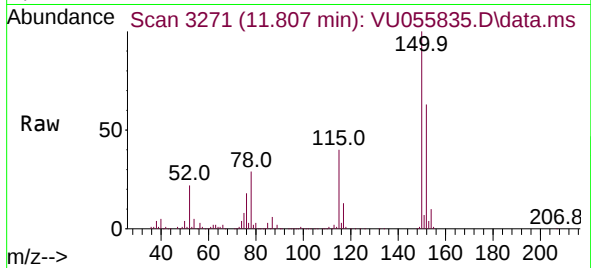
Tgt Ion: 43 Resp: 28457
Ion Ratio Lower Upper
43 100
58 0.0 45.2 67.8#
57 5.7 16.1 24.1#
100 5.8 9.7 14.5#





#60
 1,2,3-Trichloropropane
 Concen: 5.390 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055835.D
 Acq: 20 Oct 2023 16:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 28111
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.8 38.8
 110 2.3 28.5 42.7#

