

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055827.D
 Acq On : 20 Oct 2023 13:02
 Operator : MD/SY
 Sample : 04947-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:06:42 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

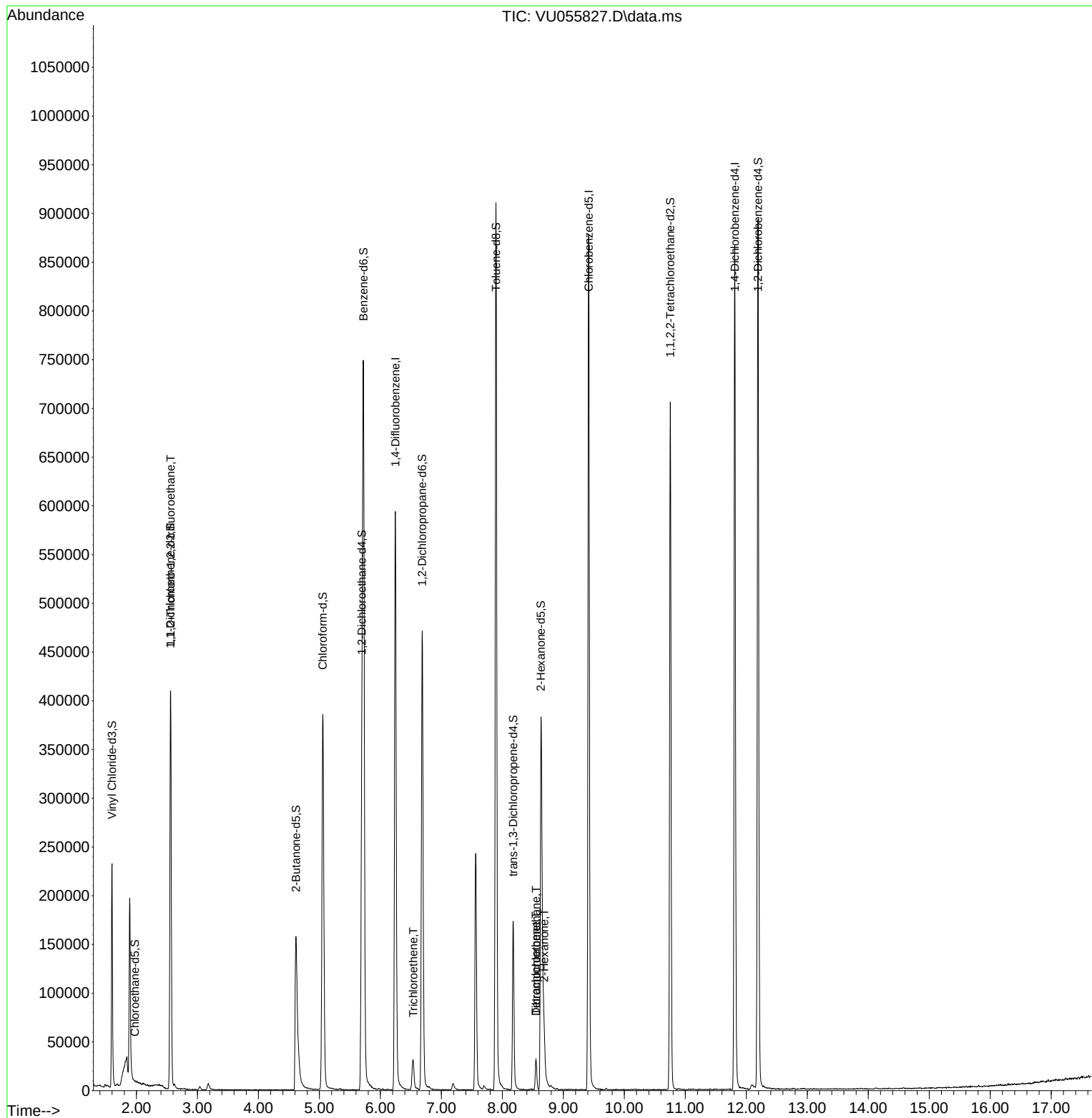
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	478646	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	482684	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	226166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	169670	39.520	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	79.040%	
7) Chloroethane-d5	1.975	69	517	0.147	ug/L	0.07
Spiked Amount	50.000	Range 70 - 130	Recovery	=	0.300%#	
11) 1,1-Dichloroethene-d2	2.557	63	248013	32.398	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.800%	
21) 2-Butanone-d5	4.615	46	249180	78.328	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	78.330%	
24) Chloroform-d	5.055	84	357805	43.473	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.940%	
26) 1,2-Dichloroethane-d4	5.695	65	236076	46.599	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.200%	
32) Benzene-d6	5.721	84	706047	45.717	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.440%	
36) 1,2-Dichloropropane-d6	6.685	67	228744	46.786	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	93.580%	
41) Toluene-d8	7.894	98	619404	44.417	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.840%	
43) trans-1,3-Dichloroprop...	8.177	79	98935	42.125	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.260%	
47) 2-Hexanone-d5	8.631	63	123366	64.184	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	64.180%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	359480	47.768	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.540%	
66) 1,2-Dichlorobenzene-d4	12.190	152	235568	52.487	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.980%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.560	101	2599	0.682	ug/L #	20
34) Trichloroethene	6.541	95	5434	1.302	ug/L	92
46) Tetrachloroethene	8.550	164	7391	2.473	ug/L	89
48) 2-Hexanone	8.685	43	28160	5.704	ug/L #	72
49) Dibromochloromethane	8.554	129	7212	1.704	ug/L #	11

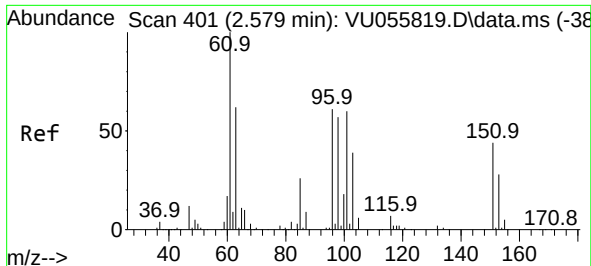
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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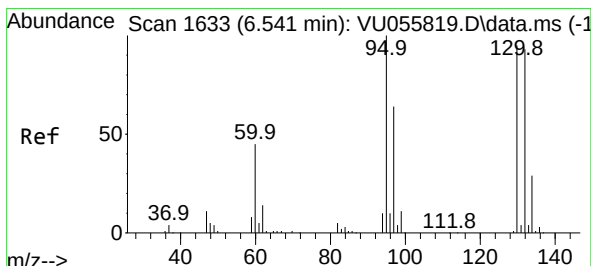
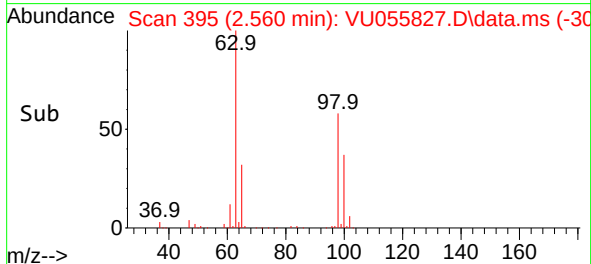
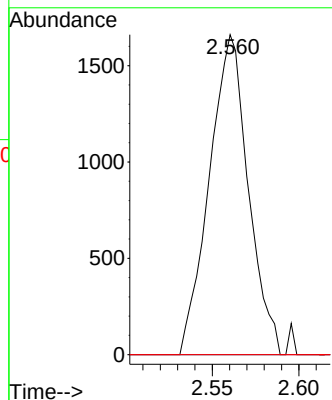
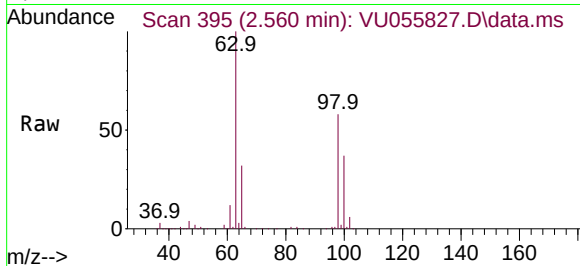




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.682 ug/L
RT: 2.560 min Scan# 395
Delta R.T. -0.019 min
Lab File: VU055827.D
Acq: 20 Oct 2023 13:02

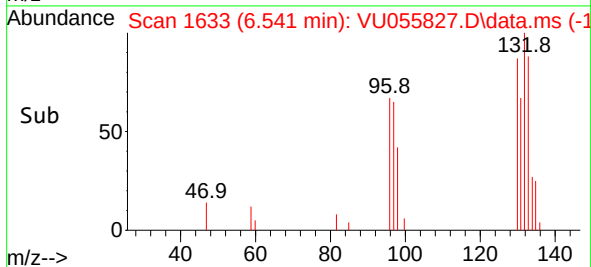
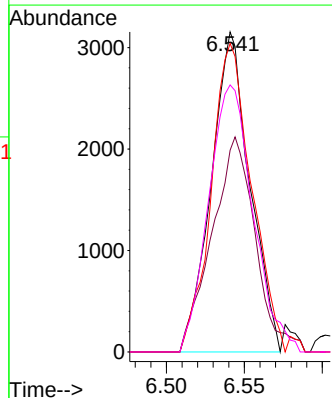
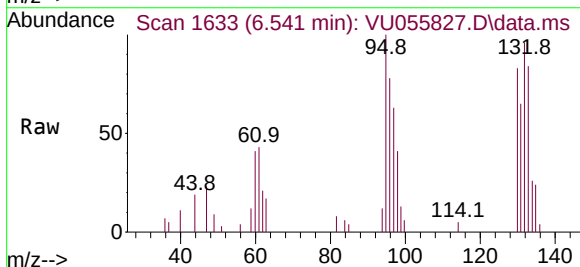
Instrument :
MSVOA_U
ClientSampleId :

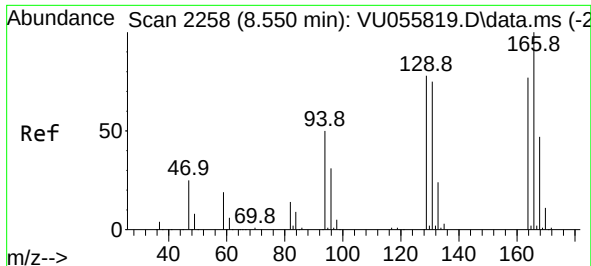
Tgt Ion:101 Resp: 2599
Ion Ratio Lower Upper
101 100
85 0.0 37.1 55.7#
151 0.0 58.2 87.4#



#34
Trichloroethene
Concen: 1.302 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055827.D
Acq: 20 Oct 2023 13:02

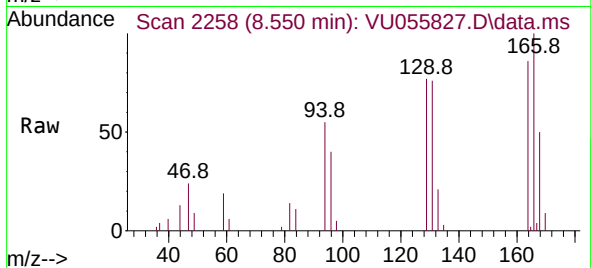
Tgt Ion: 95 Resp: 5434
Ion Ratio Lower Upper
95 100
97 63.0 44.4 82.5
132 96.4 61.8 114.8
130 83.4 66.6 123.8



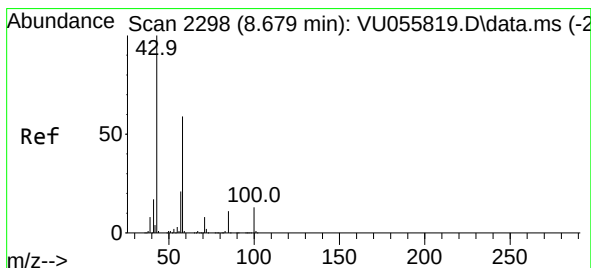
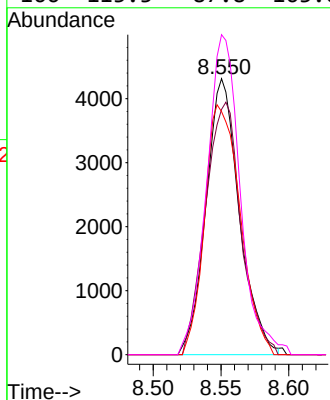
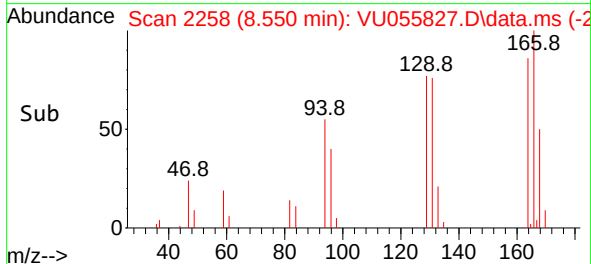


#46
Tetrachloroethene
Concen: 2.473 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055827.D
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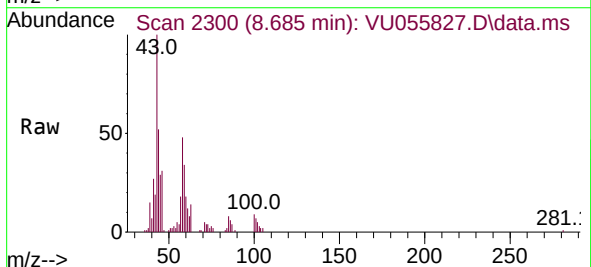
Instrument :
MSVOA_U
ClientSampleId :



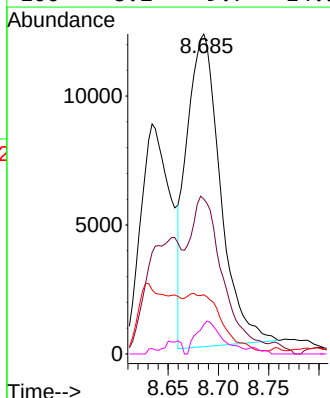
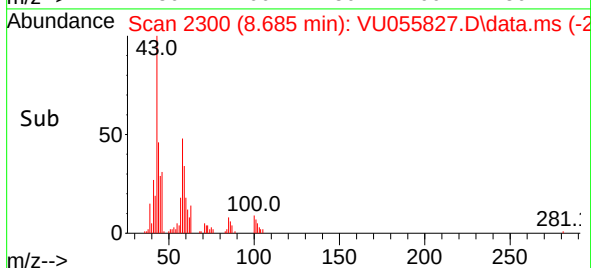
Tgt Ion:164 Resp: 7391
Ion Ratio Lower Upper
164 100
129 86.8 70.7 131.3
131 86.1 65.9 122.5
166 113.3 87.8 163.0

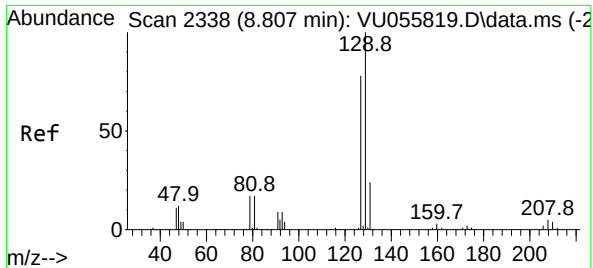


#48
2-Hexanone
Concen: 5.704 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.007 min
Lab File: VU055827.D
Acq: 20 Oct 2023 13:02



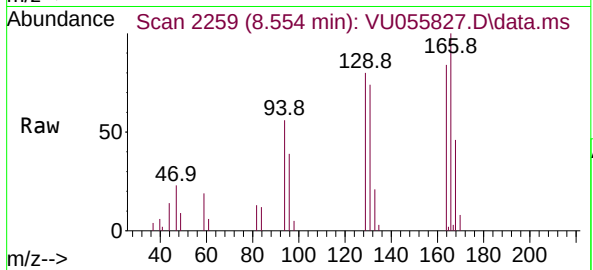
Tgt Ion: 43 Resp: 28160
Ion Ratio Lower Upper
43 100
58 37.1 45.2 67.8#
57 0.0 16.1 24.1#
100 8.2 9.7 14.5#





#49
 Dibromochloromethane
 Concen: 1.704 ug/L
 RT: 8.554 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU055827.D
 Acq: 20 Oct 2023 13:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:129 Resp: 7212
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.4#

