

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055829.D
 Acq On : 20 Oct 2023 13:50
 Operator : MD/SY
 Sample : 04922-04
 Misc : 4.33g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:07:10 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

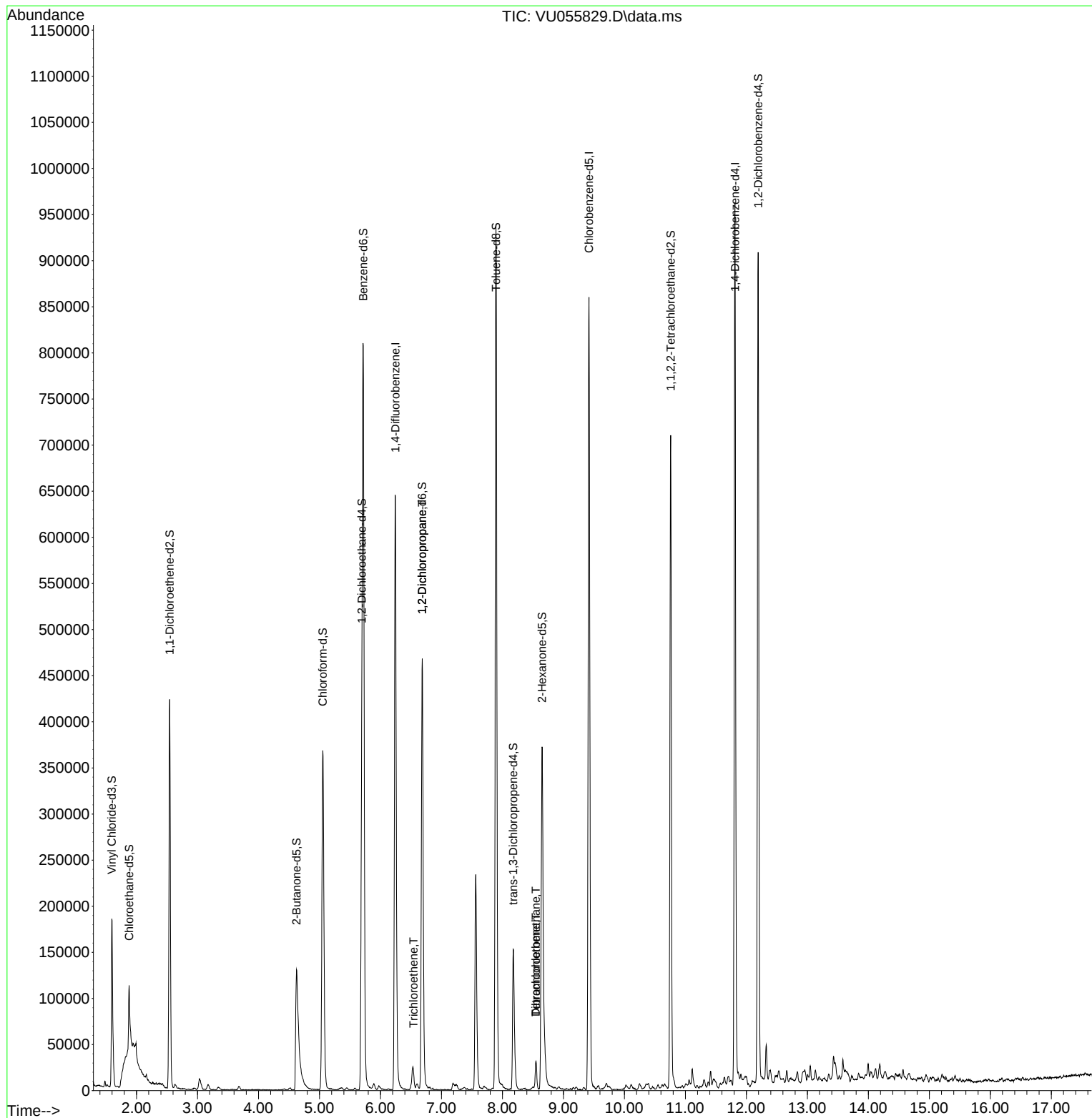
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	551509	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	544266	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	248790	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	172140	34.798	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	69.600%	
7) Chloroethane-d5	1.878	69	64580	15.971	ug/L	-0.03
Spiked Amount	50.000	Range 70 - 130	Recovery	=	31.940%#	
11) 1,1-Dichloroethene-d2	2.544	63	255550	28.972	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	=	57.940%#	
21) 2-Butanone-d5	4.624	46	258668	70.568	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	70.570%	
24) Chloroform-d	5.055	84	366579	38.655	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.300%	
26) 1,2-Dichloroethane-d4	5.695	65	244336	41.858	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.720%	
32) Benzene-d6	5.718	84	738893	42.431	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.860%	
36) 1,2-Dichloropropane-d6	6.685	67	237390	43.061	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.120%	
41) Toluene-d8	7.894	98	658989	41.909	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.820%	
43) trans-1,3-Dichloroprop...	8.177	79	107437	40.569	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.140%	
47) 2-Hexanone-d5	8.650	63	145988	67.360	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	67.360%	
56) 1,1,2,2-Tetrachloroeth...	10.759	84	350961	41.359	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	82.720%	
66) 1,2-Dichlorobenzene-d4	12.193	152	231417	46.873	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.740%	
Target Compounds						
34) Trichloroethene	6.544	95	3900	0.828	ug/L	98
37) 1,2-Dichloropropane	6.685	63	26440	5.581	ug/L #	89
46) Tetrachloroethene	8.550	164	6838	2.029	ug/L	92
49) Dibromochloromethane	8.550	129	6844	1.434	ug/L #	11

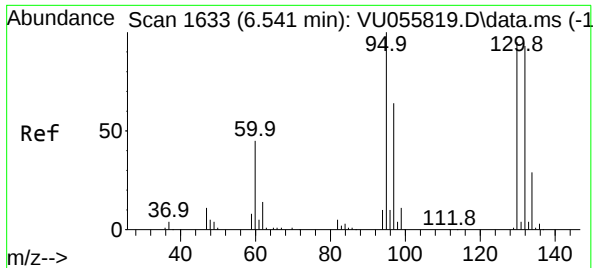
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 23 01:04:15 2023
Response via : Initial Calibration

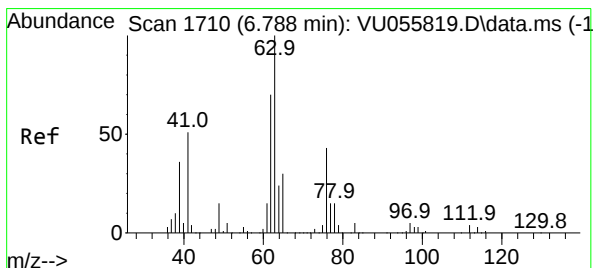
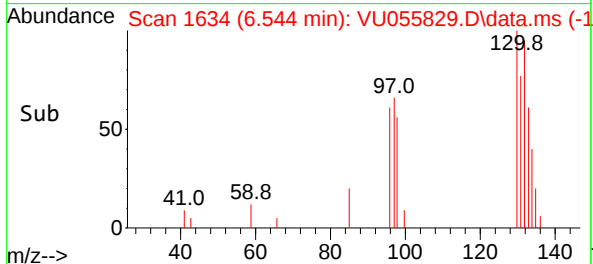
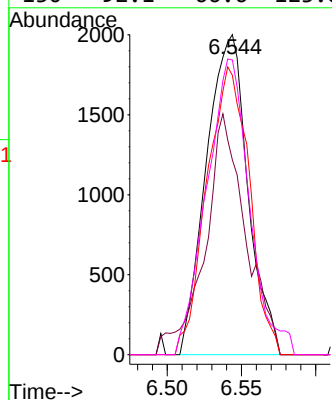
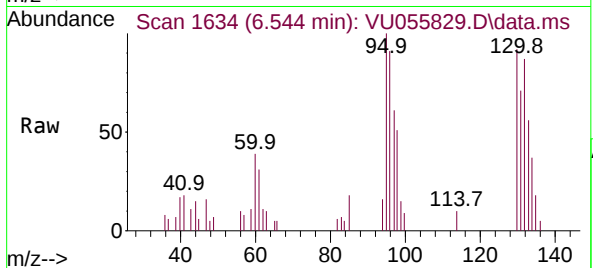




#34
Trichloroethene
Concen: 0.828 ug/L
RT: 6.544 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055829.D
Acq: 20 Oct 2023 13:50

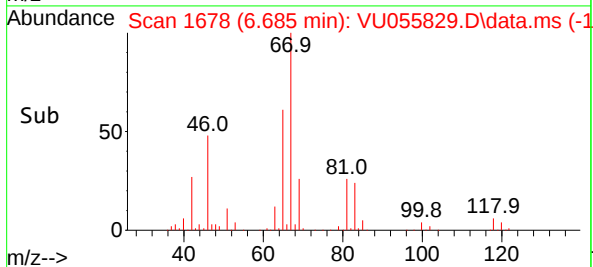
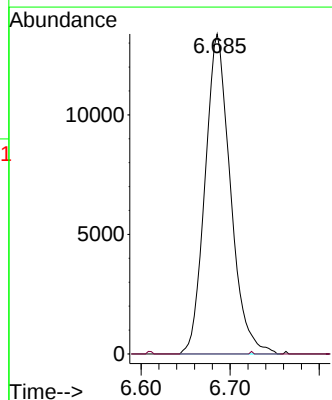
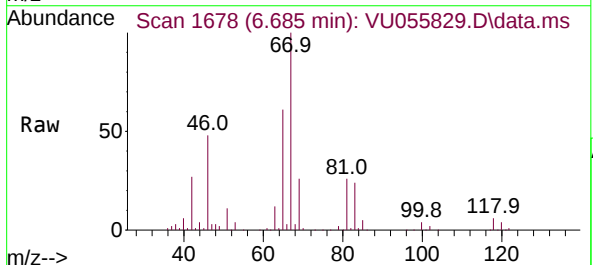
Instrument :
MSVOA_U
ClientSampleId :

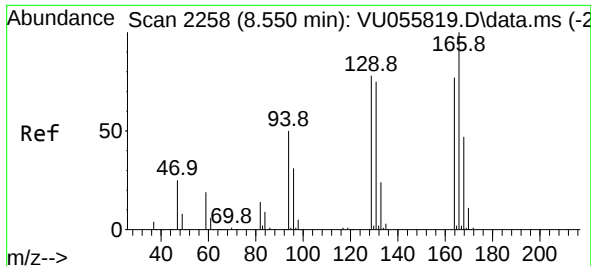
Tgt Ion: 95 Resp: 3900
Ion Ratio Lower Upper
95 100
97 60.9 44.4 82.5
132 87.3 61.8 114.8
130 92.1 66.6 123.8



#37
1,2-Dichloropropane
Concen: 5.581 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055829.D
Acq: 20 Oct 2023 13:50

Tgt Ion: 63 Resp: 26440
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.4#

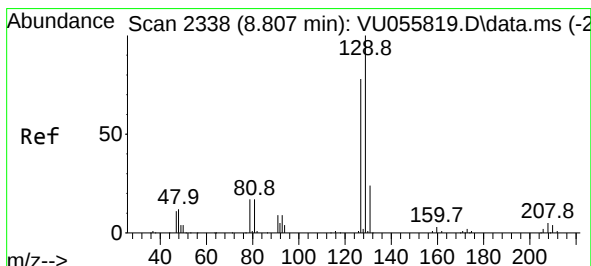
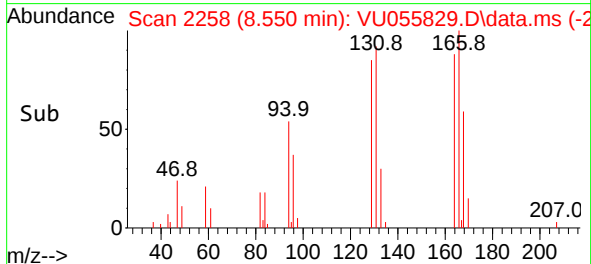
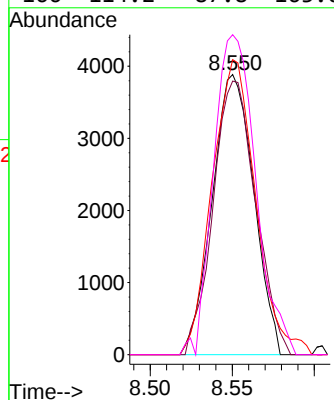
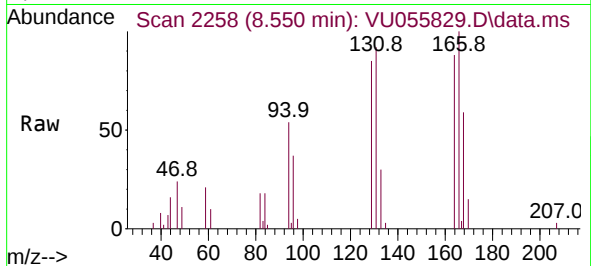




#46
Tetrachloroethene
Concen: 2.029 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055829.D
Acq: 20 Oct 2023 13:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 6838
Ion Ratio Lower Upper
164 100
129 97.7 70.7 131.3
131 105.3 65.9 122.5
166 114.2 87.8 163.0



#49
Dibromochloromethane
Concen: 1.434 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU055829.D
Acq: 20 Oct 2023 13:50

Tgt Ion:129 Resp: 6844
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#

