

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055729.D
 Acq On : 10 Oct 2023 18:25
 Operator : MD/SY
 Sample : 04707-07ME
 Misc : 4.70g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:56:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:51:51 2023
 Response via : Initial Calibration

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

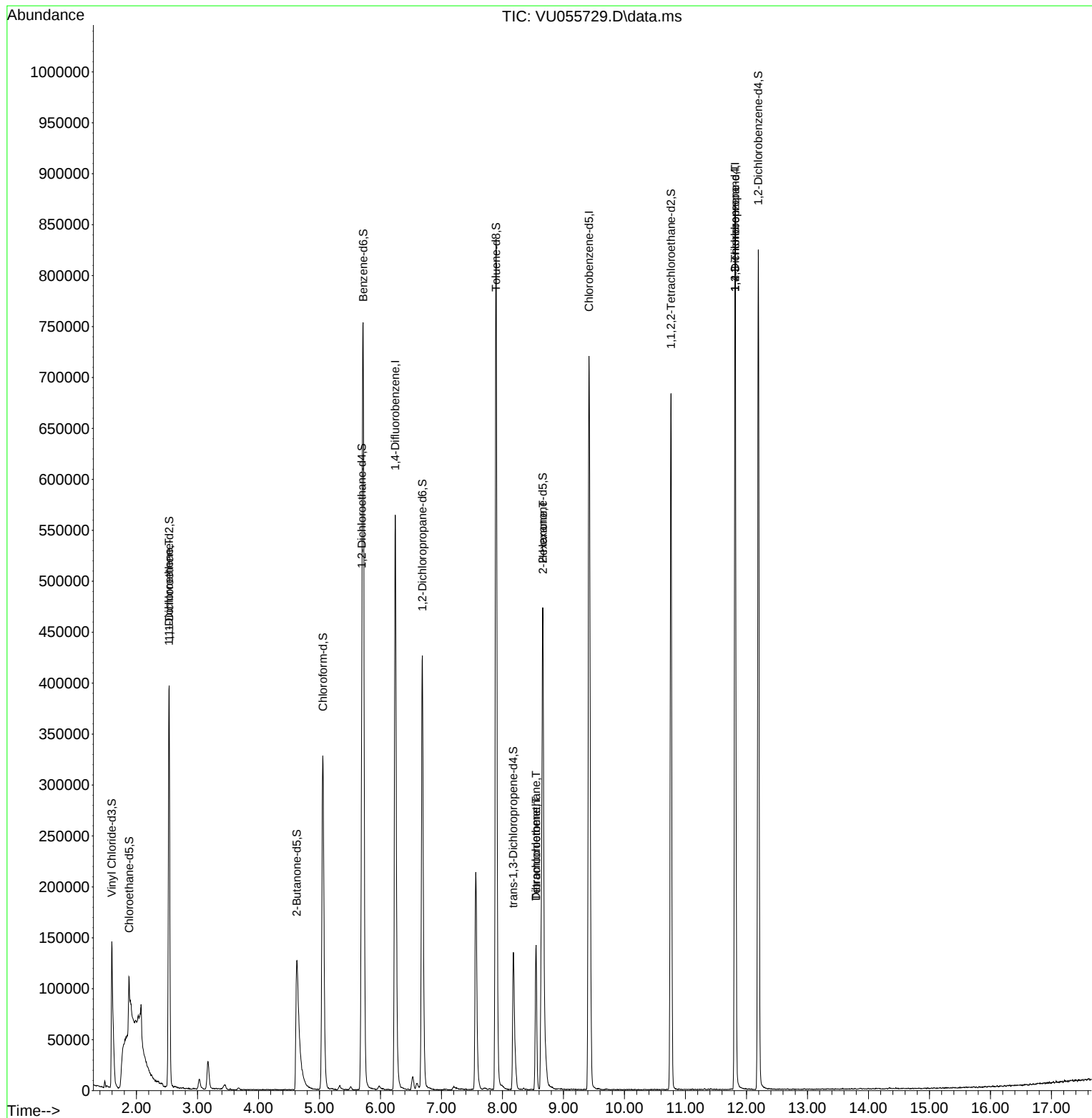
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	487608	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	496277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	220440	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	170982	39.093	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.180%	
7) Chloroethane-d5	1.879	69	78813	22.045	ug/L	-0.03
Spiked Amount	50.000	Range 70 - 130	Recovery	=	44.080%#	
11) 1,1-Dichloroethene-d2	2.534	63	239065	30.655	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.320%	
21) 2-Butanone-d5	4.628	46	295527	91.189	ug/L	0.02
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.190%	
24) Chloroform-d	5.055	84	337460	40.247	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.500%	
26) 1,2-Dichloroethane-d4	5.695	65	230301	44.624	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.240%	
32) Benzene-d6	5.718	84	680553	42.860	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.720%	
36) 1,2-Dichloropropane-d6	6.685	67	219198	43.605	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.220%	
41) Toluene-d8	7.894	98	607350	42.360	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.720%	
43) trans-1,3-Dichloroprop...	8.177	79	98094	40.623	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	81.240%	
47) 2-Hexanone-d5	8.660	63	204772	103.620	ug/L	0.03
Spiked Amount	100.000	Range 45 - 130	Recovery	=	103.620%	
56) 1,1,2,2-Tetrachloroeth...	10.762	84	340372	43.990	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	87.980%	
66) 1,2-Dichlorobenzene-d4	12.193	152	206582	47.224	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.440%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.531	96	2138	0.618	ug/L #	1
46) Tetrachloroethene	8.550	164	29161	9.489	ug/L	93
48) 2-Hexanone	8.663	43	29239	5.760	ug/L #	80
49) Dibromochloromethane	8.550	129	30127	6.922	ug/L #	11
60) 1,2,3-Trichloropropane	11.814	75	28559	5.969	ug/L #	69

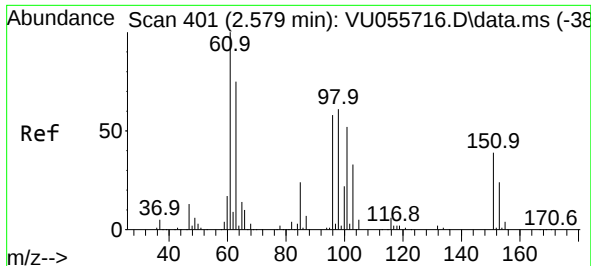
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 11 05:51:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.618 ug/L

RT: 2.531 min Scan# 31

Delta R.T. -0.048 min

Lab File: VU055729.D

Acq: 10 Oct 2023 18:25

Instrument :

MSVOA_U

ClientSampleId :

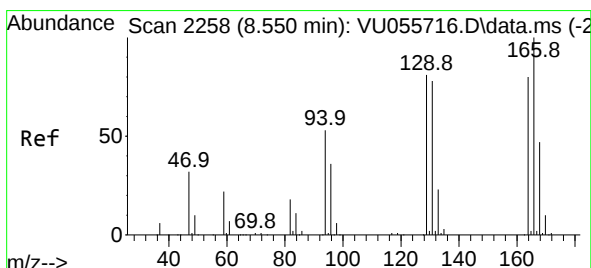
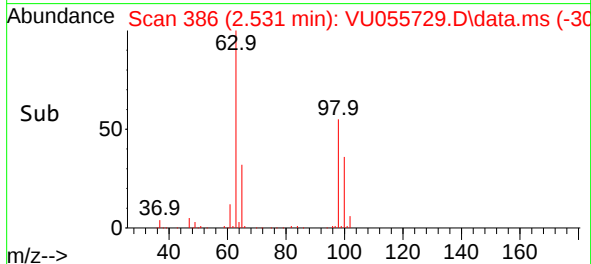
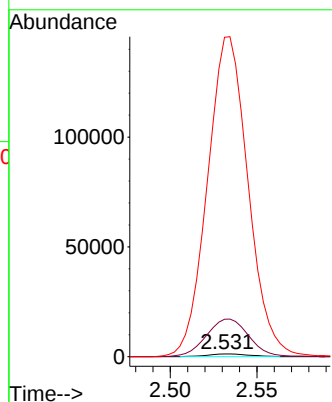
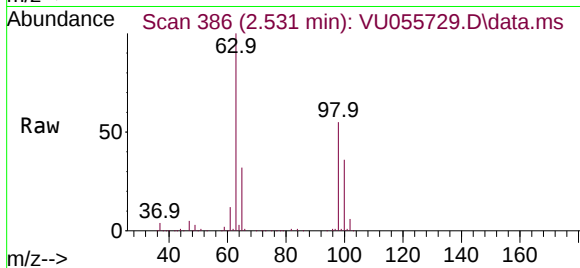
Tgt Ion: 96 Resp: 2138

Ion Ratio Lower Upper

96 100

61 1340.5 122.0 226.6#

63 11449.4 93.7 174.1#



#46

Tetrachloroethene

Concen: 9.489 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU055729.D

Acq: 10 Oct 2023 18:25

Tgt Ion:164 Resp: 29161

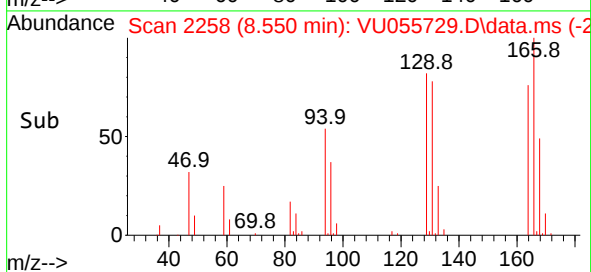
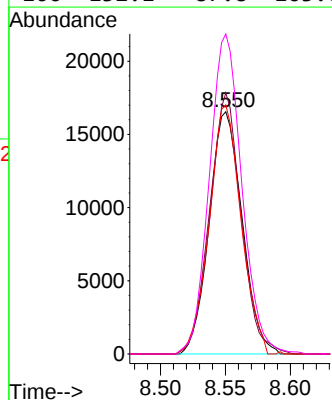
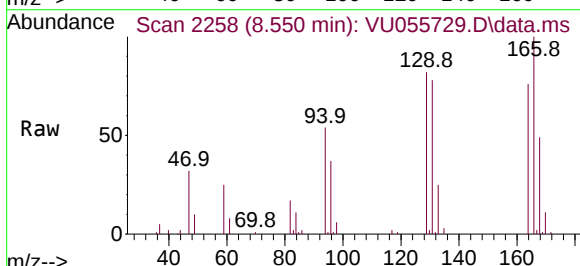
Ion Ratio Lower Upper

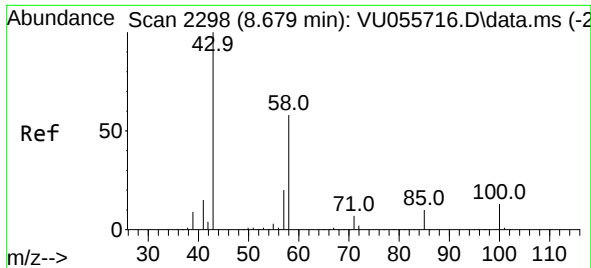
164 100

129 107.8 70.7 131.3

131 102.9 65.9 122.5

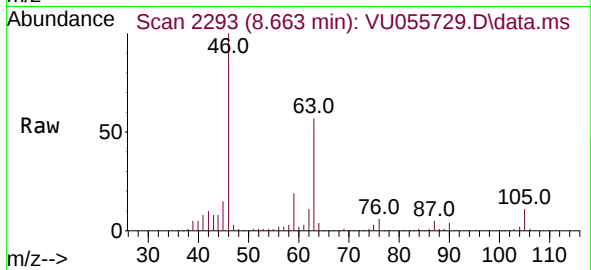
166 132.1 87.8 163.0



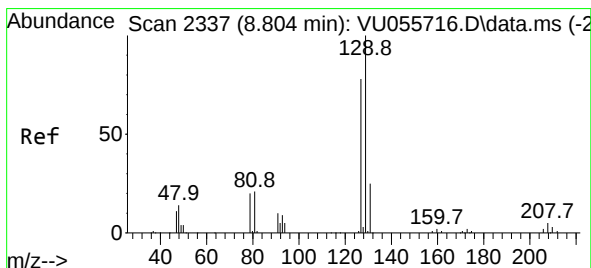
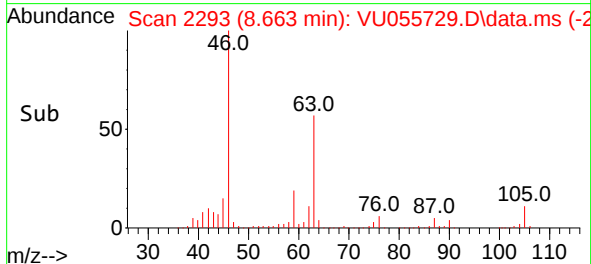
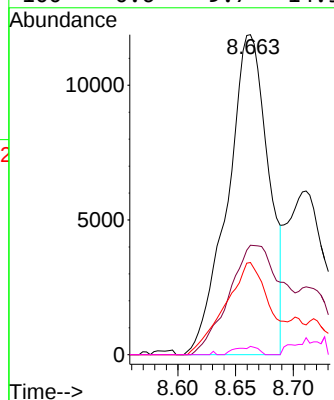


#48
2-Hexanone
Concen: 5.760 ug/L
RT: 8.663 min Scan# 21
Delta R.T. -0.016 min
Lab File: VU055729.D
Acq: 10 Oct 2023 18:25

Instrument :
MSVOA_U
ClientSampleId :

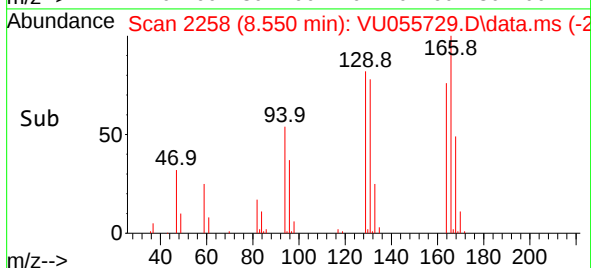
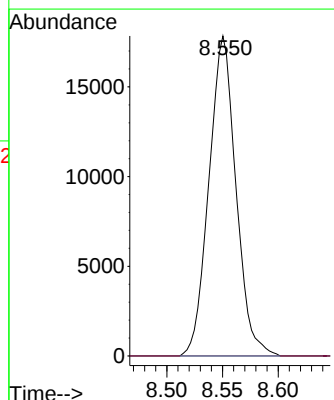
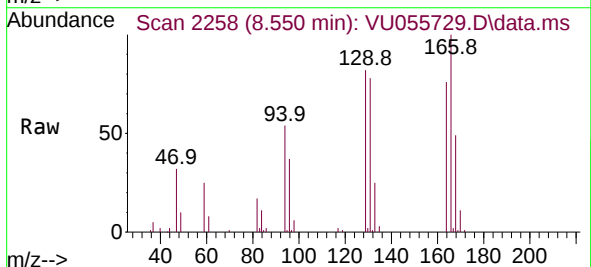


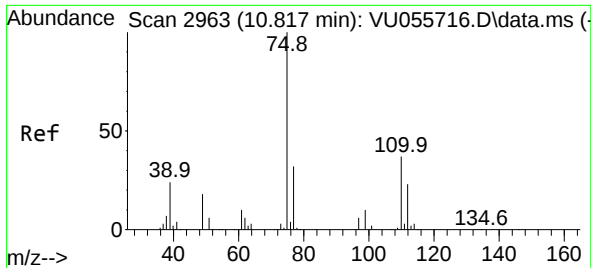
Tgt Ion: 43 Resp: 29239
Ion Ratio Lower Upper
43 100
58 44.6 45.2 67.8#
57 31.6 16.1 24.1#
100 0.6 9.7 14.5#



#49
Dibromochloromethane
Concen: 6.922 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055729.D
Acq: 10 Oct 2023 18:25

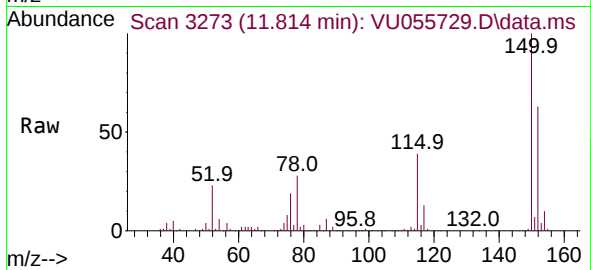
Tgt Ion: 129 Resp: 30127
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.969 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU055729.D
 Acq: 10 Oct 2023 18:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.8	38.8
110	2.8	28.5	42.7#

