

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055727.D
 Acq On : 10 Oct 2023 17:36
 Operator : MD/SY
 Sample : 04747-05ME
 Misc : 4.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:55:38 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)

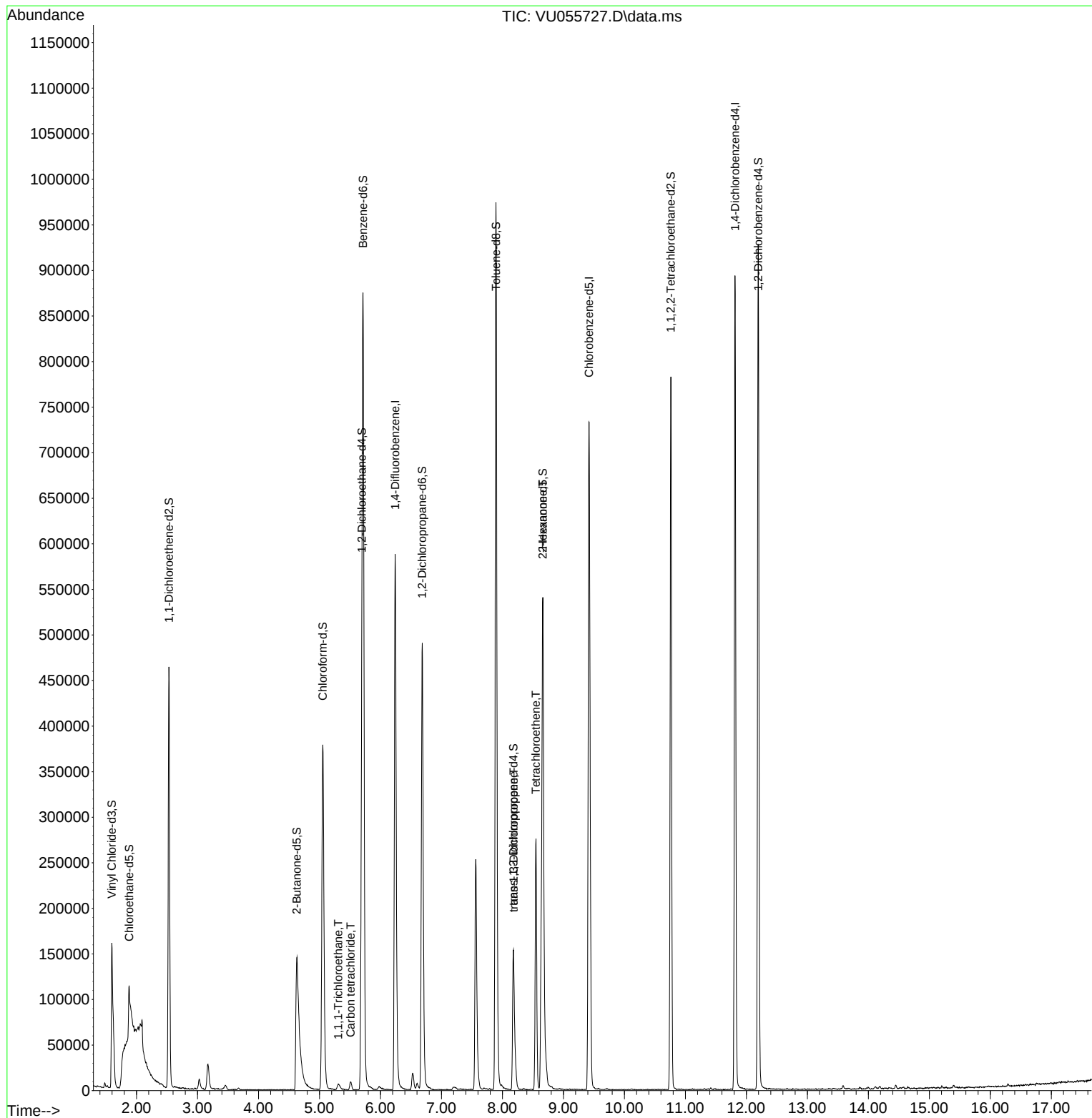
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	523681	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	516022	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	225657	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	201115	42.816	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.640%
7) Chloroethane-d5	1.878	69	93028	24.229	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	48.460%#
11) 1,1-Dichloroethene-d2	2.531	63	280879	33.536	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.080%
21) 2-Butanone-d5	4.627	46	341167	98.021	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.020%
24) Chloroform-d	5.055	84	388989	43.197	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.695	65	266814	48.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
32) Benzene-d6	5.714	84	784075	47.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
36) 1,2-Dichloropropane-d6	6.685	67	251995	48.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.420%
41) Toluene-d8	7.894	98	705683	47.335	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.660%
43) trans-1,3-Dichloroprop...	8.180	79	116050	46.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.440%
47) 2-Hexanone-d5	8.659	63	239050	116.337	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.340%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	391145	48.617	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	12.193	152	236655	52.848	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.700%
Target Compounds						
					Qvalue	
30) 1,1,1-Trichloroethane	5.309	97	3979	0.597	ug/L #	75
31) Carbon tetrachloride	5.512	117	5917	1.014	ug/L	98
44) trans-1,3-Dichloropropene	8.184	75	6106	0.934	ug/L	95
46) Tetrachloroethene	8.550	164	57607	18.027	ug/L	94
48) 2-Hexanone	8.663	43	36921	6.995	ug/L #	78

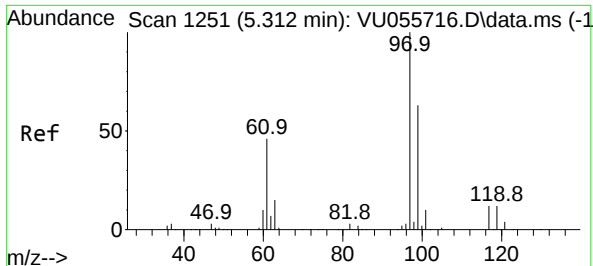
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#30

1,1,1-Trichloroethane

Concen: 0.597 ug/L

RT: 5.309 min Scan# 11

Delta R.T. -0.003 min

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Instrument :

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ClientSampleId :

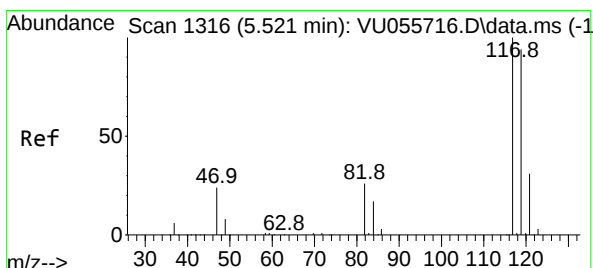
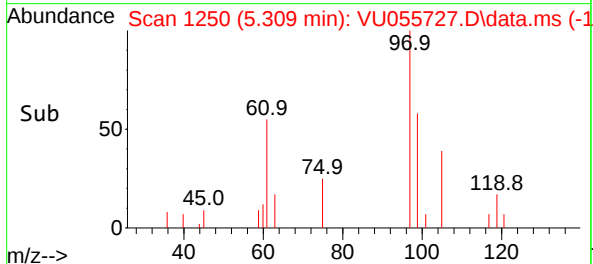
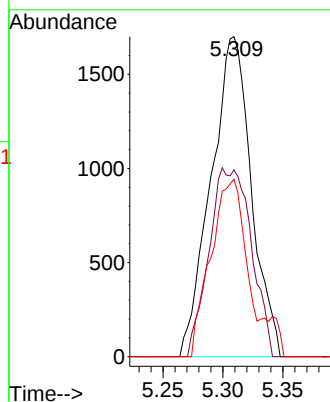
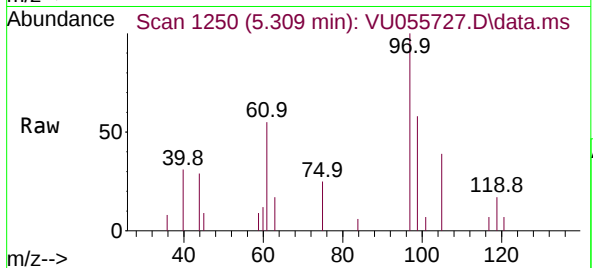
Tgt Ion: 97 Resp: 3979

Ion Ratio Lower Upper

97 100

99 32.3 51.6 77.4#

61 47.7 36.8 55.2



#31

Carbon tetrachloride

Concen: 1.014 ug/L

RT: 5.512 min Scan# 1313

Delta R.T. -0.010 min

Lab File: VU055727.D

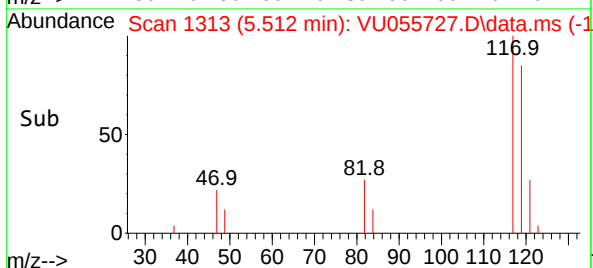
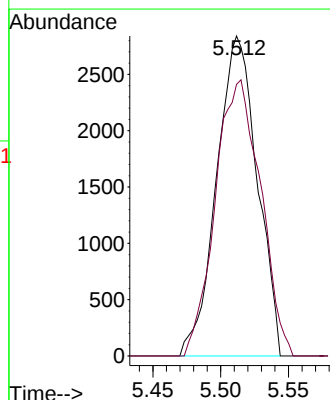
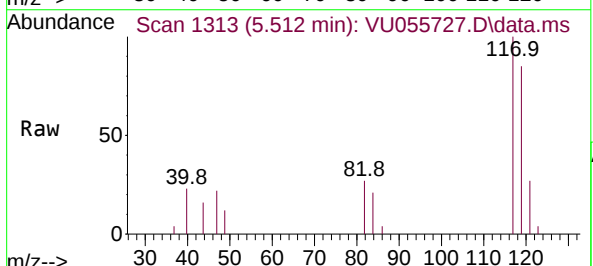
Acq: 10 Oct 2023 17:36

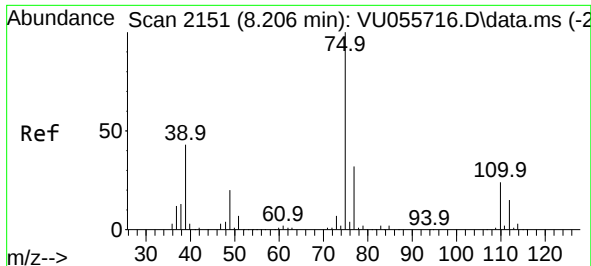
Tgt Ion: 117 Resp: 5917

Ion Ratio Lower Upper

117 100

119 96.1 75.4 113.0

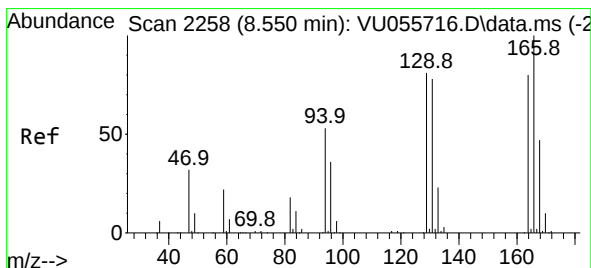
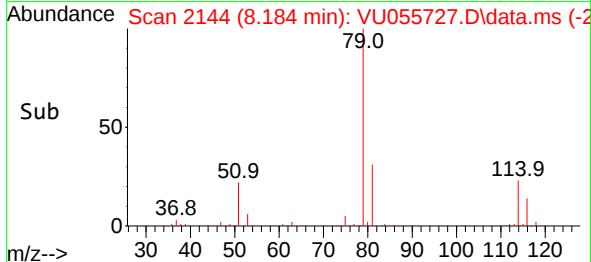
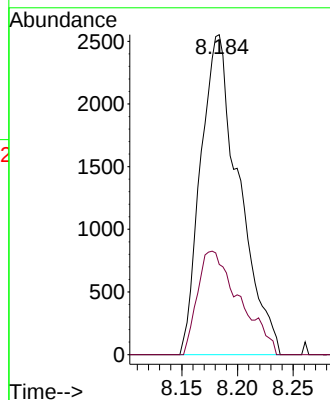
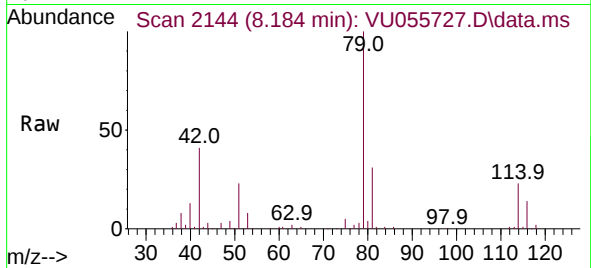




#44
trans-1,3-Dichloropropene
Concen: 0.934 ug/L
RT: 8.184 min Scan# 2151
Delta R.T. -0.023 min
Lab File: VU055727.D
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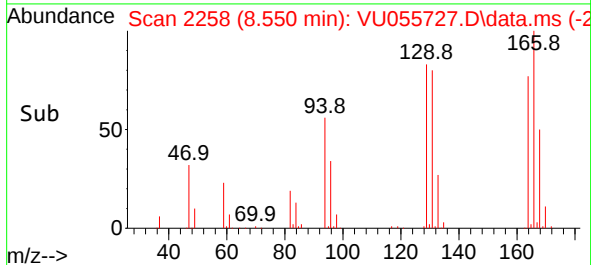
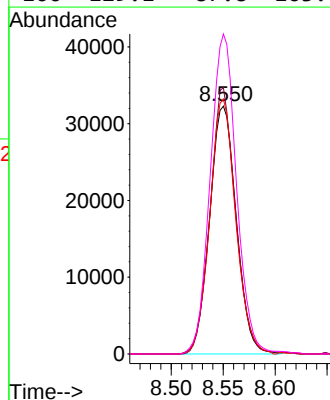
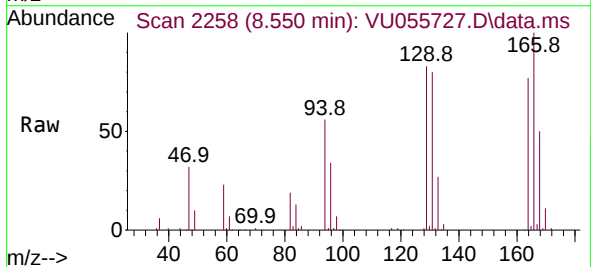
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MSVOA_U
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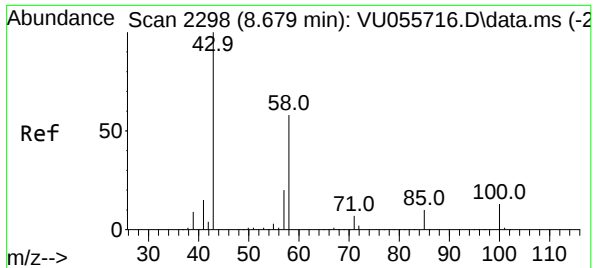
Tgt Ion: 75 Resp: 6106
Ion Ratio Lower Upper
75 100
77 28.2 21.6 40.2



#46
Tetrachloroethene
Concen: 18.027 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055727.D
Acq: 10 Oct 2023 17:36

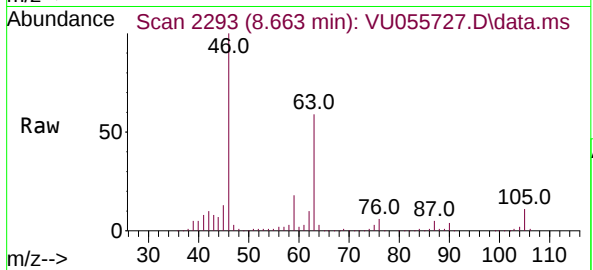
Tgt Ion:164 Resp: 57607
Ion Ratio Lower Upper
164 100
129 107.5 70.7 131.3
131 102.9 65.9 122.5
166 129.1 87.8 163.0





#48
 2-Hexanone
 Concen: 6.995 ug/L
 RT: 8.663 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: VU055727.D
 Acq: 10 Oct 2023 17:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43 Resp: 36921

Ion	Ratio	Lower	Upper
43	100		
58	39.1	45.2	67.8#
57	25.8	16.1	24.1#
100	0.6	9.7	14.5#

