

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040623\
 Data File : VU053586.D
 Acq On : 06 Apr 2023 11:37
 Operator : JC/MD
 Sample : VU0406MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK071

Quant Time: Apr 07 03:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

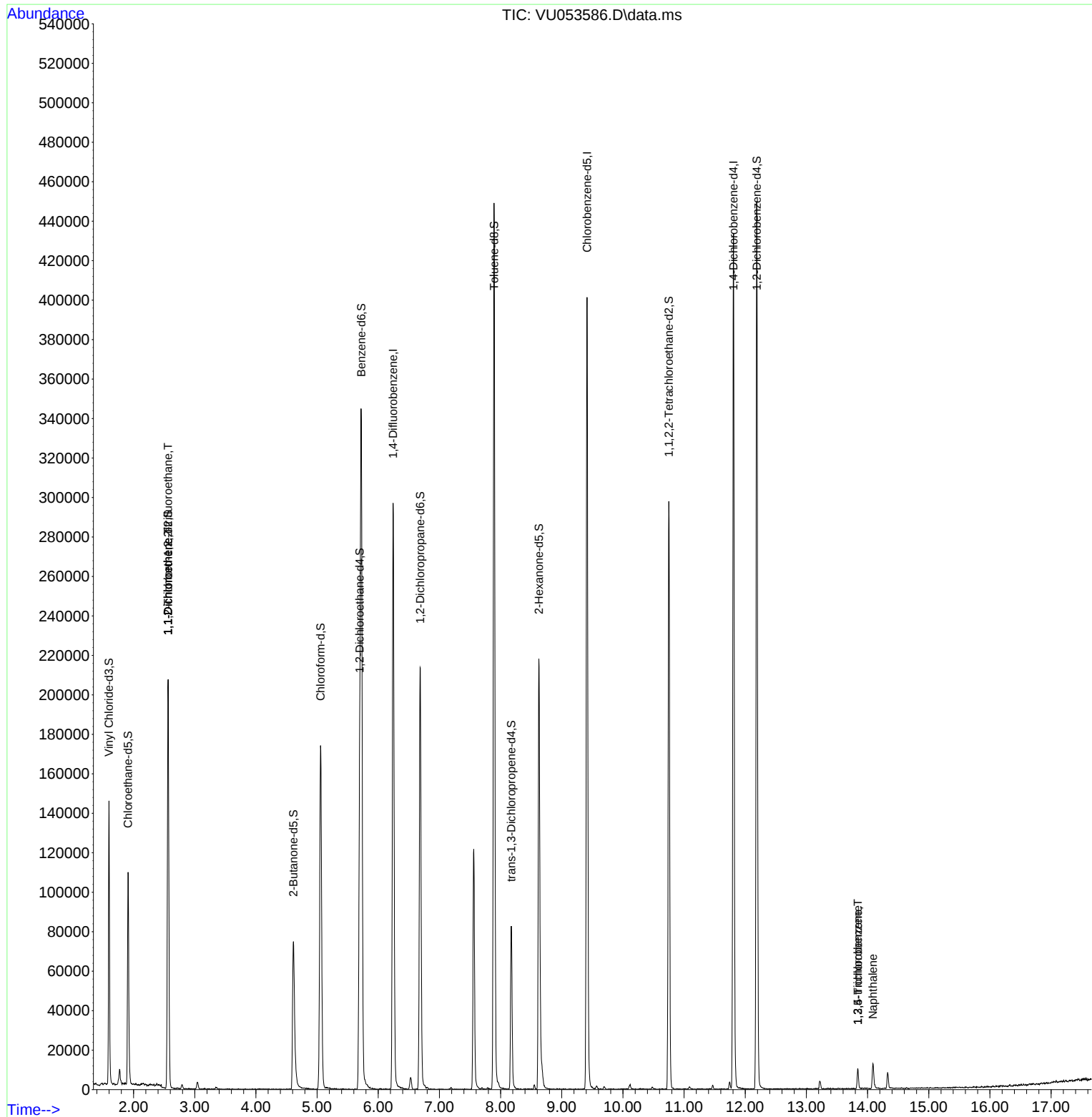
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	255798	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	235431	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	117711	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	101072	50.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.480%			
7) Chloroethane-d5	1.909	69	82616	53.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.600%			
11) 1,1-Dichloroethene-d2	2.565	63	118517	38.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.880%			
21) 2-Butanone-d5	4.613	46	105406	116.884	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.880%			
24) Chloroform-d	5.057	84	160170	48.624	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.240%			
26) 1,2-Dichloroethane-d4	5.697	65	101424	52.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.220%			
32) Benzene-d6	5.722	84	333946	52.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.100%			
36) 1,2-Dichloropropane-d6	6.687	67	103763	53.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.840%			
41) Toluene-d8	7.893	98	312854	49.532	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.060%			
43) trans-1,3-Dichloroprop...	8.176	79	49057	48.927	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.860%			
47) 2-Hexanone-d5	8.626	63	79201	119.473	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.470%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	146447	53.492	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.980%			
66) 1,2-Dichlorobenzene-d4	12.188	152	119666	48.703	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1139	0.647	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	1279	0.815	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.841	180	3906	1.450	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	3906	1.564	ug/L	99
71) Naphthalene	14.089	128	13604	1.820	ug/L	95

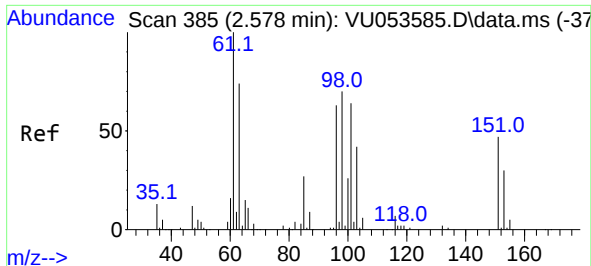
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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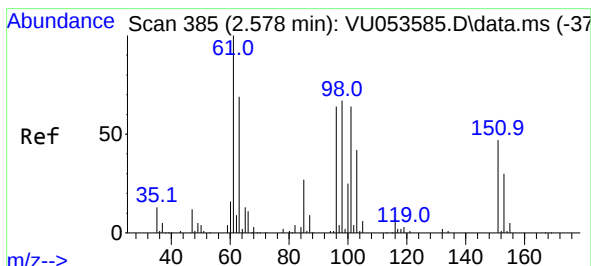
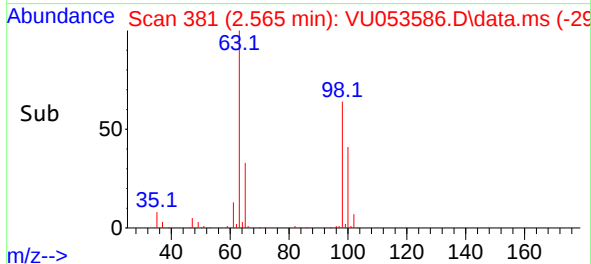
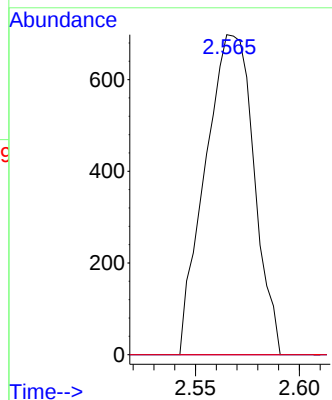
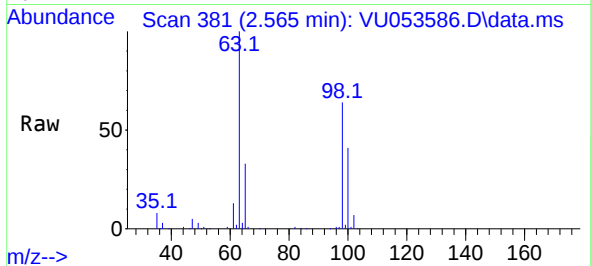




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.647 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053586.D
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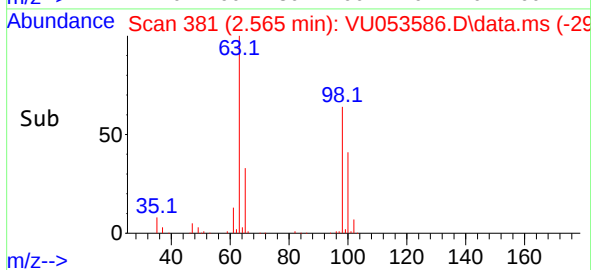
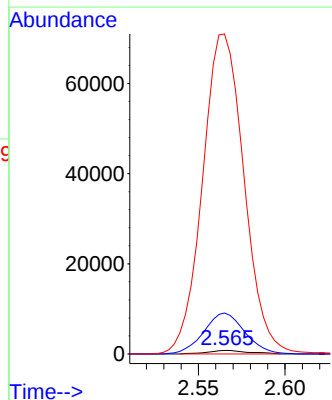
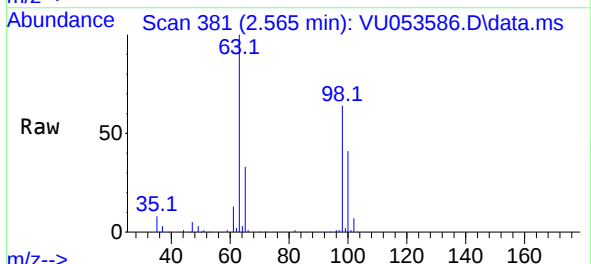
Instrument :
MSVOA_U
ClientSampleId :
VBLK071

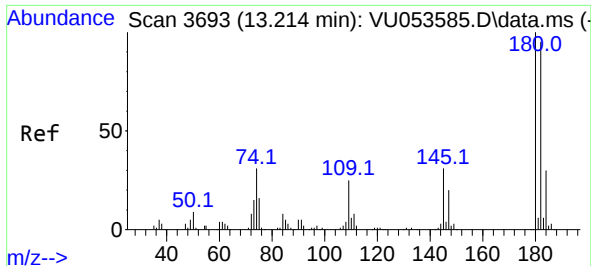
Tgt Ion:101 Resp: 1139
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.815 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053586.D
Acq: 06 Apr 2023 11:37

Tgt Ion: 96 Resp: 1279
Ion Ratio Lower Upper
96 100
61 1150.7 107.9 200.5#
63 8996.7 79.1 146.9#





#69

1,3,5-Trichlorobenzene

Concen: 1.450 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.627 min

Lab File: VU053586.D

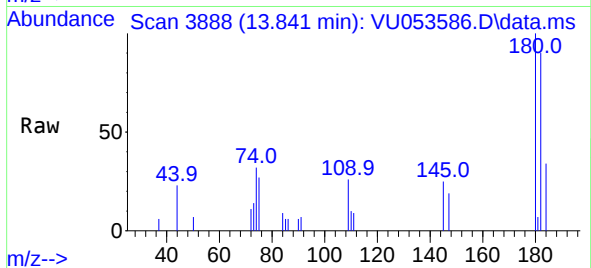
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Instrument :

MSVOA_U

ClientSampleId :

VBLK071



Tgt Ion:180 Resp: 3906

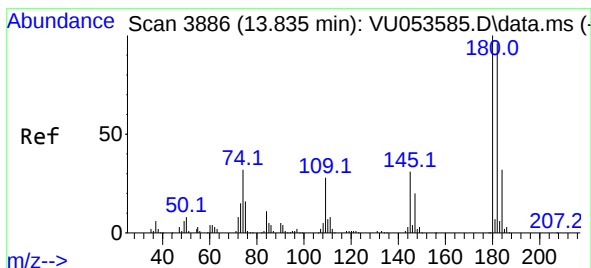
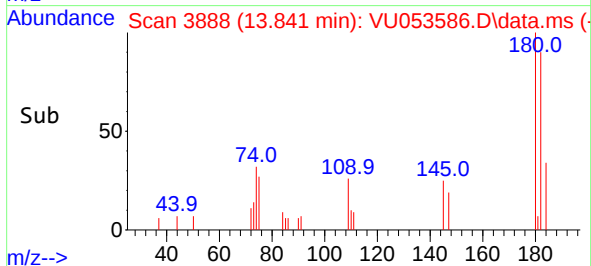
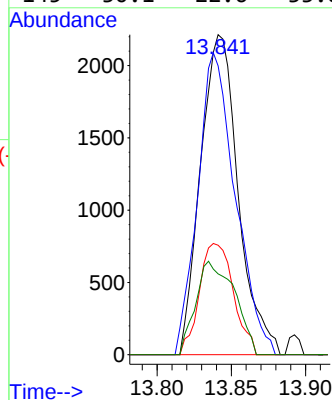
Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

184 31.6 24.2 36.2

145 30.1 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 1.564 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.006 min

Lab File: VU053586.D

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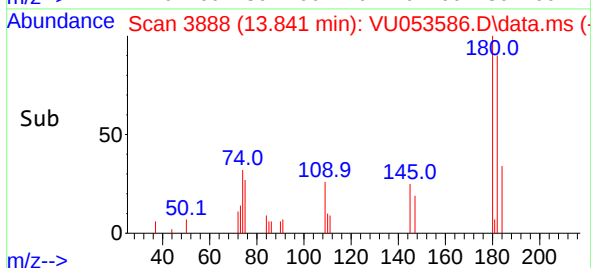
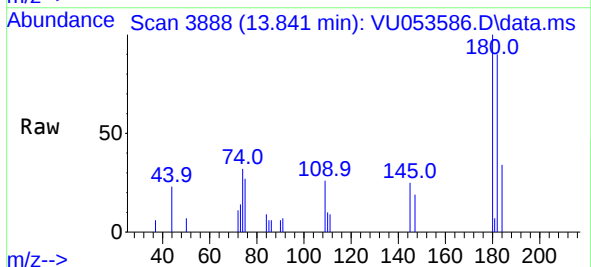
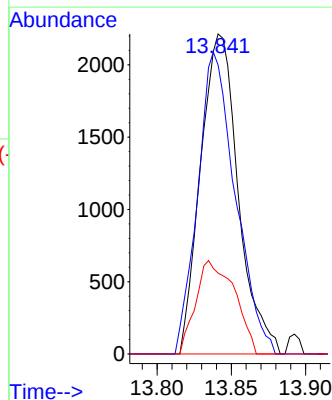
Tgt Ion:180 Resp: 3906

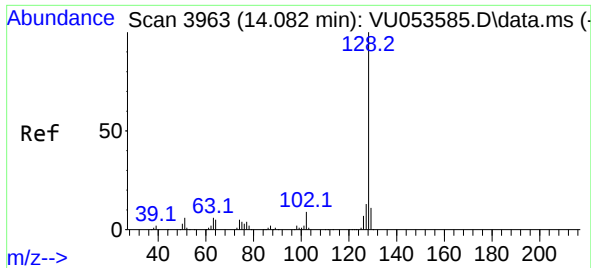
Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

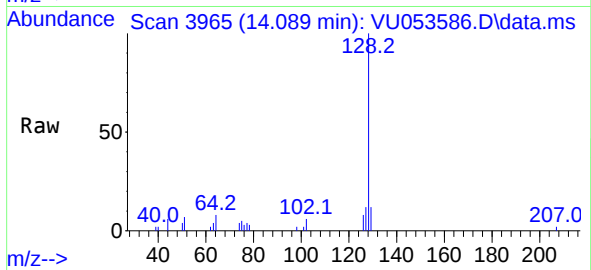
145 30.1 23.4 35.2





#71
Naphthalene
Concen: 1.820 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.010 min
Lab File: VU053586.D
Acq: 06 Apr 2023 11:37

Instrument :
MSVOA_U
ClientSampleId :
VBLK071



Tgt Ion:	128	Resp:	13604
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.2	15.2
129	9.1	8.6	12.8

