

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053561.D
 Acq On : 04 Apr 2023 15:11
 Operator : JC/MD
 Sample : VU0404WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK068

Quant Time: Apr 04 23:11:33 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

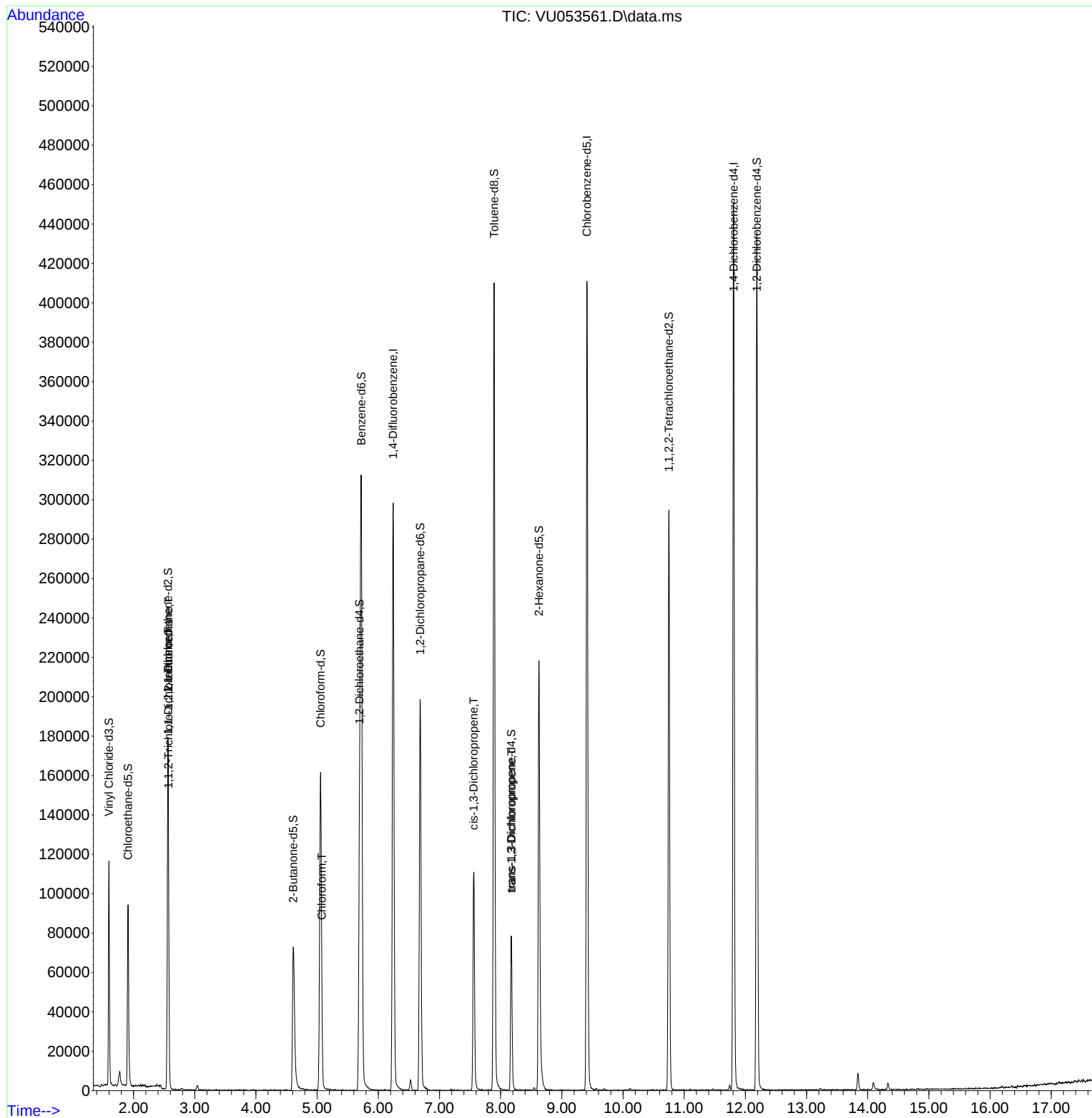
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	257778	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	237574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121909	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79263	39.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.980%
7) Chloroethane-d5	1.909	69	69666	45.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.040%
11) 1,1-Dichloroethene-d2	2.562	63	101490	32.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.320%
21) 2-Butanone-d5	4.610	46	104492	114.980	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.980%
24) Chloroform-d	5.057	84	148971	44.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.760%
26) 1,2-Dichloroethane-d4	5.694	65	97324	49.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
32) Benzene-d6	5.723	84	305923	47.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
36) 1,2-Dichloropropane-d6	6.684	67	97411	49.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	7.893	98	285423	44.781	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
43) trans-1,3-Dichloroprop...	8.173	79	46221	45.683	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.360%
47) 2-Hexanone-d5	8.626	63	78910	117.960	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.960%
56) 1,1,2,2-Tetrachloroeth...	10.748	84	141178	51.102	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	115393	45.347	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.700%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1145	0.645	ug/L #	17
12) 1,1-Dichloroethene	2.568	96	961	0.608	ug/L #	1
25) Chloroform	5.076	83	1990	0.659	ug/L	100
39) cis-1,3-Dichloropropene	7.559	75	2884	1.123	ug/L #	59
44) trans-1,3-Dichloropropene	8.176	75	2066	0.851	ug/L	94

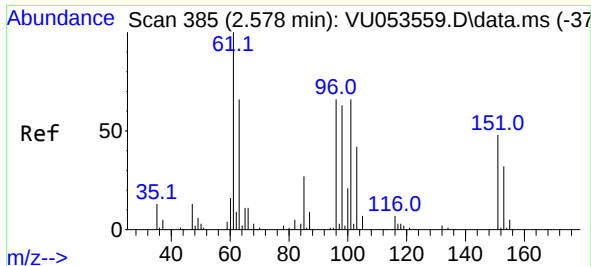
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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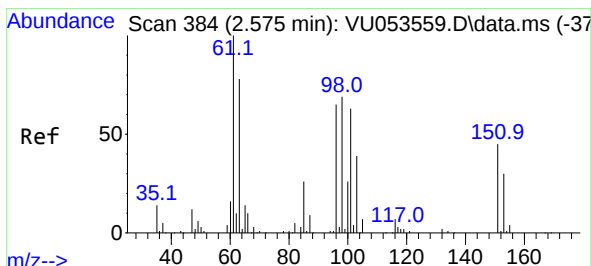
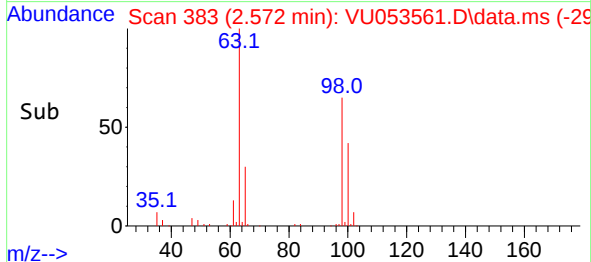
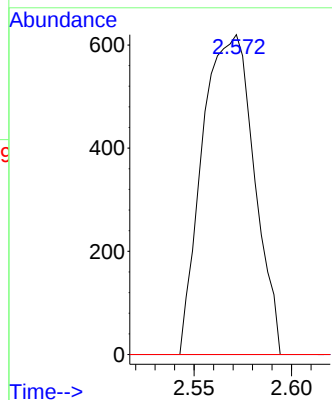
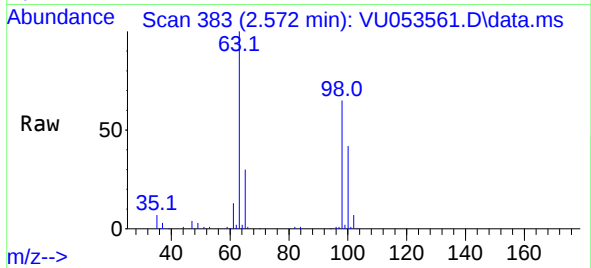




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.645 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.006 min
Lab File: VU053561.D
Acq: 04 Apr 2023 15:11

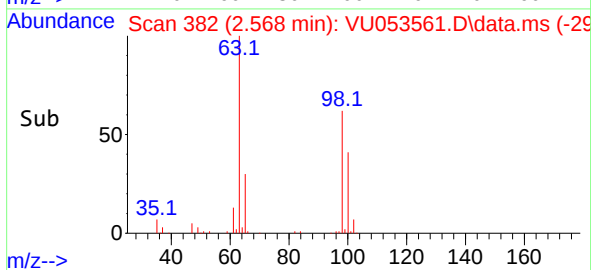
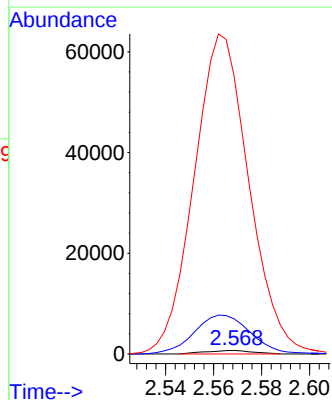
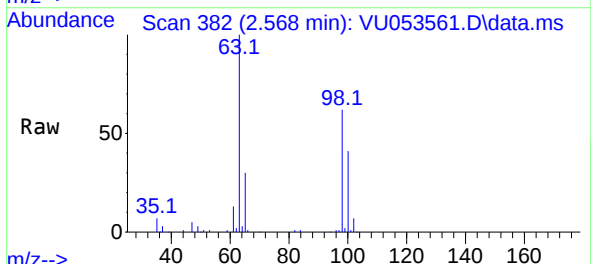
Instrument :
MSVOA_U
ClientSampleId :
VBLK068

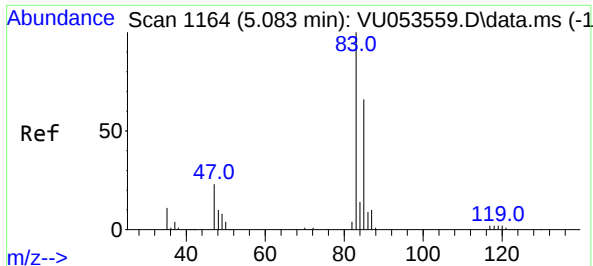
Tgt Ion:101 Resp: 1145
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.608 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.009 min
Lab File: VU053561.D
Acq: 04 Apr 2023 15:11

Tgt Ion: 96 Resp: 961
Ion Ratio Lower Upper
96 100
61 987.6 107.9 200.5#
63 7828.0 79.1 146.9#





#25

Chloroform

Concen: 0.659 ug/L

RT: 5.076 min Scan# 1162

Delta R.T. -0.006 min

Lab File: VU053561.D

Acq: 04 Apr 2023 15:11

Instrument :

MSVOA_U

ClientSampleId :

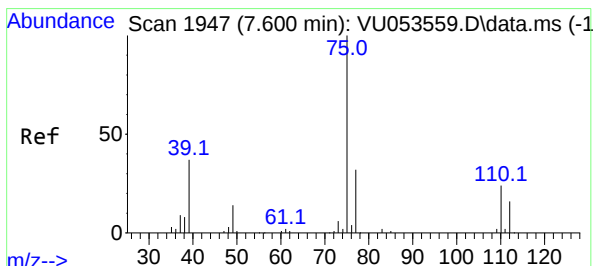
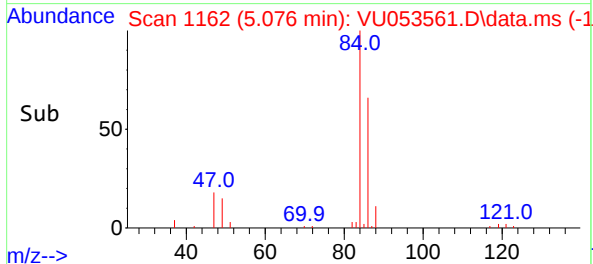
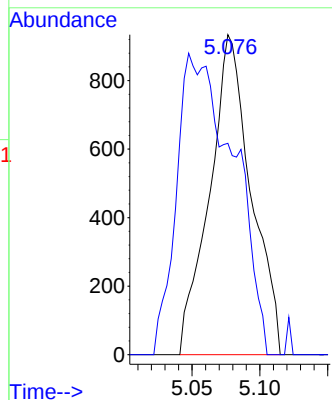
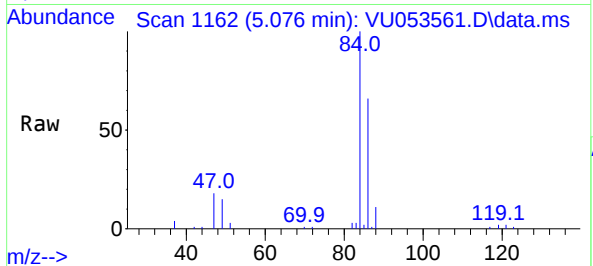
VBLK068

Tgt Ion: 83 Resp: 1990

Ion Ratio Lower Upper

83 100

85 66.1 46.1 85.5



#39

cis-1,3-Dichloropropene

Concen: 1.123 ug/L

RT: 7.559 min Scan# 1934

Delta R.T. -0.042 min

Lab File: VU053561.D

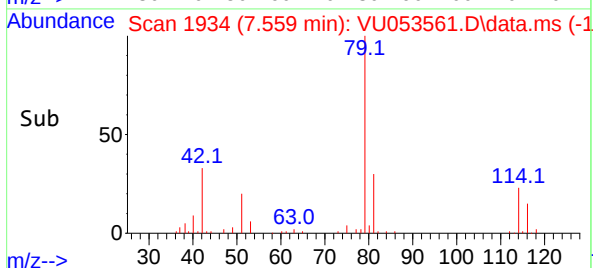
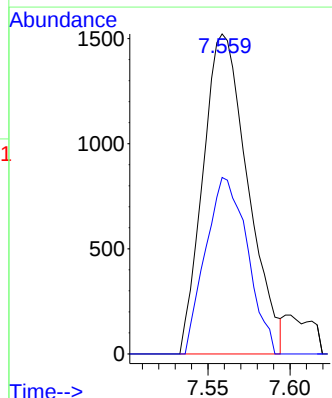
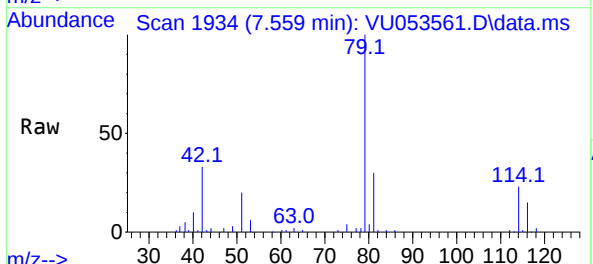
Acq: 04 Apr 2023 15:11

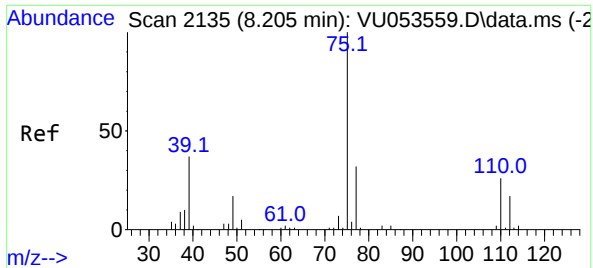
Tgt Ion: 75 Resp: 2884

Ion Ratio Lower Upper

75 100

77 55.1 22.5 41.7#





#44
trans-1,3-Dichloropropene
Concen: 0.851 ug/L
RT: 8.176 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU053561.D
Acq: 04 Apr 2023 15:11

Instrument :
MSVOA_U
ClientSampleId :
VBLK068

Tgt Ion:	75	Resp:	2066
Ion	Ratio	Lower	Upper
75	100		
77	34.6	21.8	40.4

