

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012623\
 Data File : VU052821.D
 Acq On : 26 Jan 2023 17:15
 Operator : JC/MD
 Sample : 01316-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 27 04:34:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 04:23:26 2023
 Response via : Initial Calibration

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

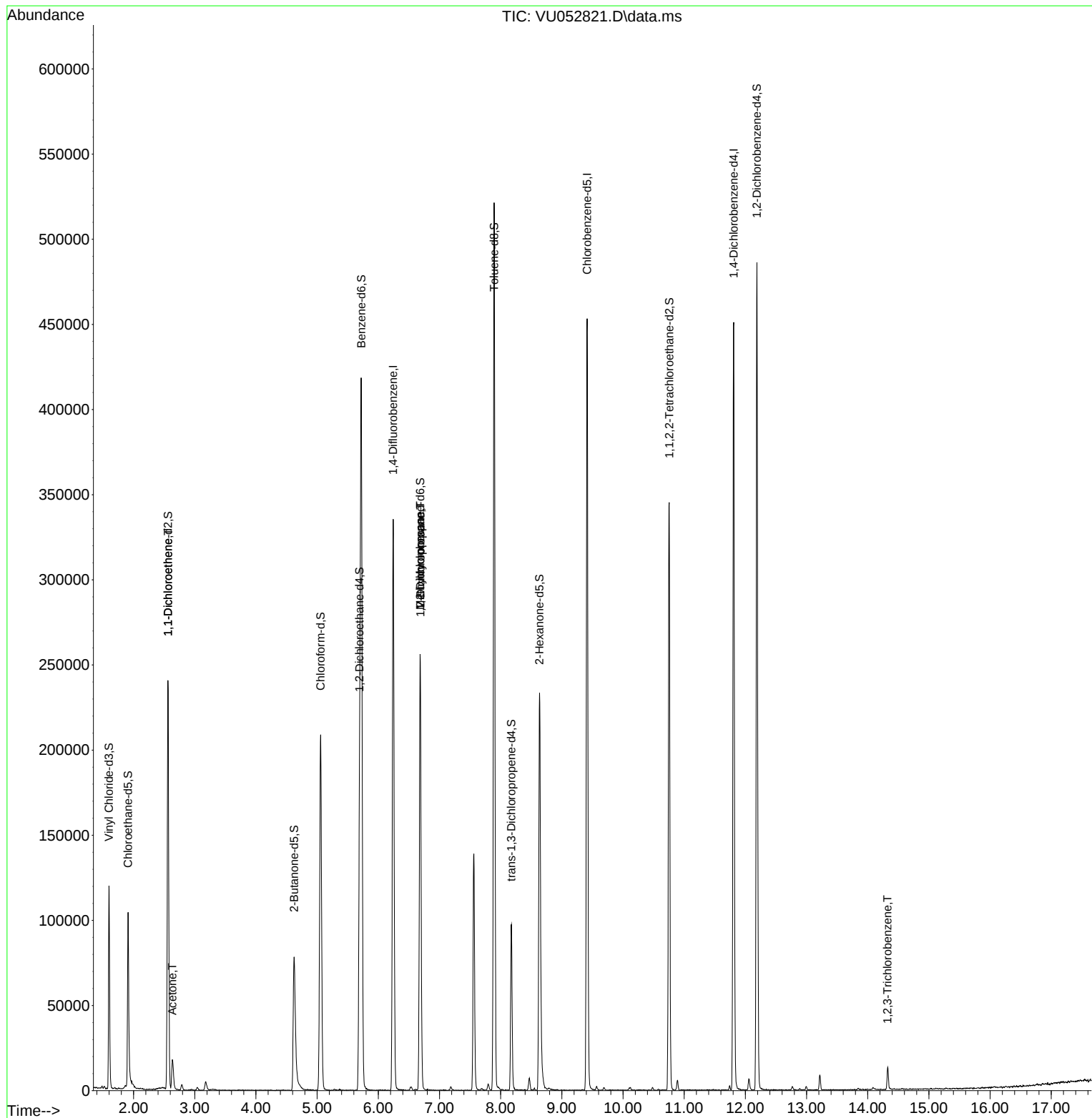
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	279954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	261588	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	126065	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	91775	45.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.100%
7) Chloroethane-d5	1.909	69	78865	47.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.562	63	142524	35.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.120%
21) 2-Butanone-d5	4.623	46	119782	96.229	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.230%
24) Chloroform-d	5.057	84	197036	45.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	5.694	65	132017	48.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	5.723	84	398466	49.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
36) 1,2-Dichloropropane-d6	6.684	67	117282	50.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	7.893	98	343856	47.250	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
43) trans-1,3-Dichloroprop...	8.173	79	56472	48.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.140%
47) 2-Hexanone-d5	8.632	63	84924	103.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	164151	47.400	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	130960	53.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	1344	0.649	ug/L #	1
13) Acetone	2.636	43	23428	15.410	ug/L	97
35) Methylcyclohexane	6.684	83	29375	8.200	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	13398	6.120	ug/L #	85
72) 1,2,3-Trichlorobenzene	14.324	180	4705	1.746	ug/L	91

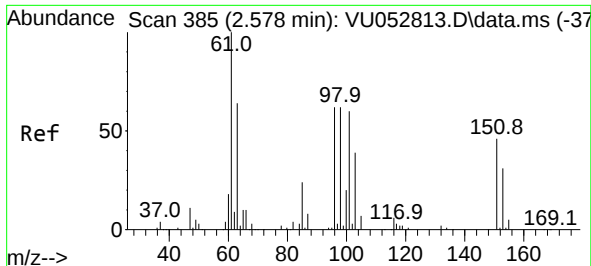
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.649 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

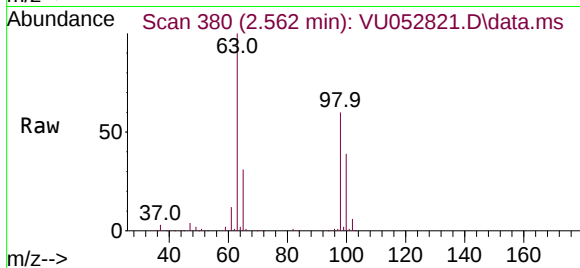
Lab File: VU052821.D

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Instrument :

MSVOA_U

ClientSampleId :



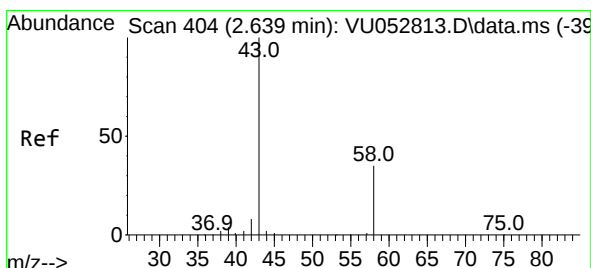
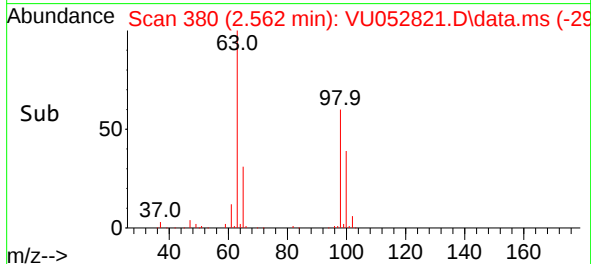
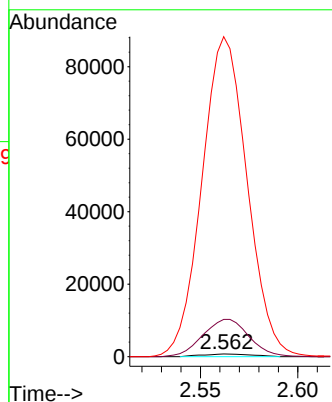
Tgt Ion: 96 Resp: 1344

Ion Ratio Lower Upper

96 100

61 1382.0 114.3 212.3#

63 11833.8 80.6 149.6#



#13

Acetone

Concen: 15.410 ug/L

RT: 2.636 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU052821.D

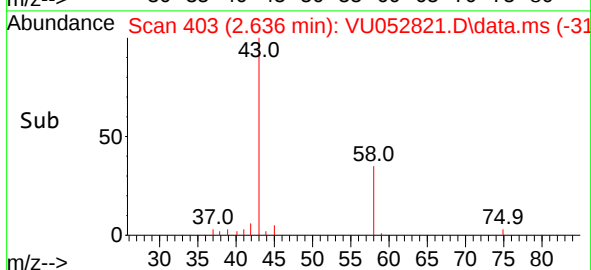
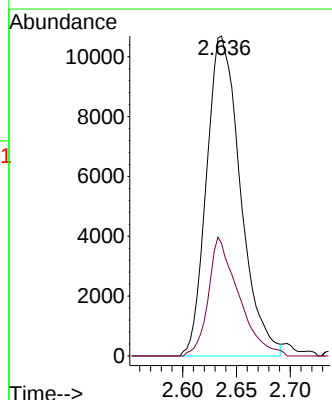
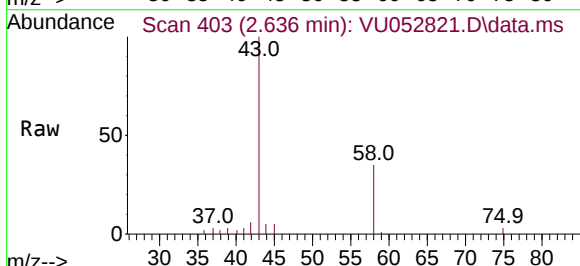
Acq: 26 Jan 2023 17:15

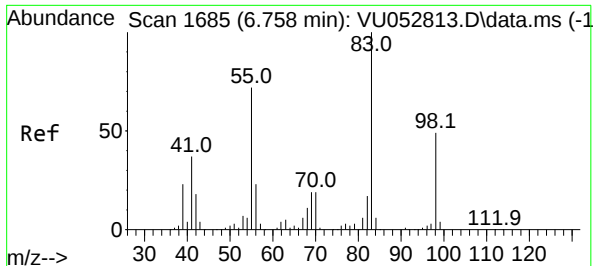
Tgt Ion: 43 Resp: 23428

Ion Ratio Lower Upper

43 100

58 33.2 0.0 70.2

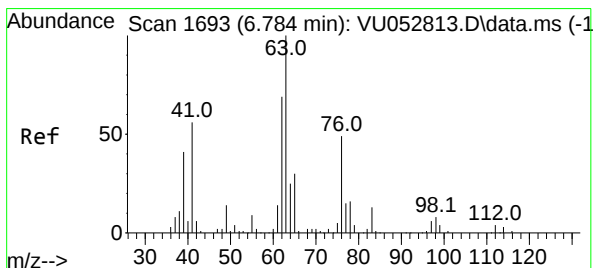
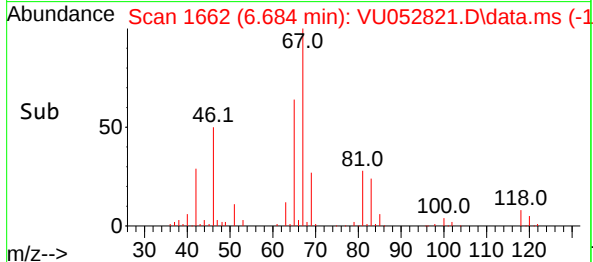
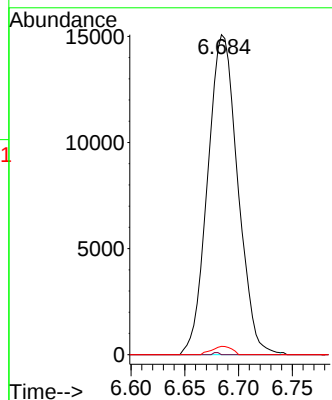
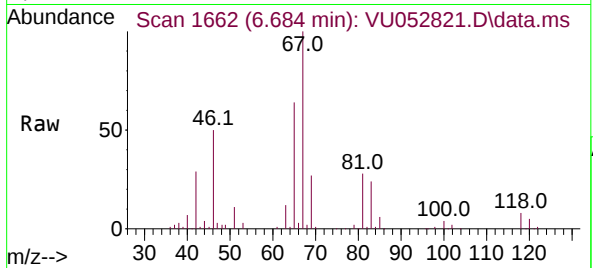




#35
Methylcyclohexane
Concen: 8.200 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU052821.D
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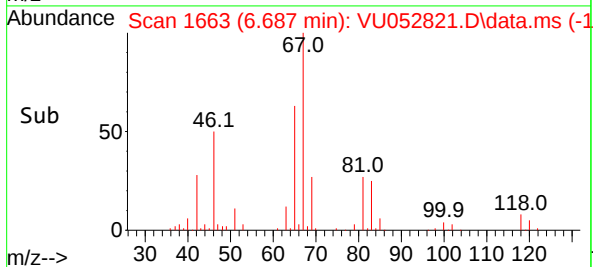
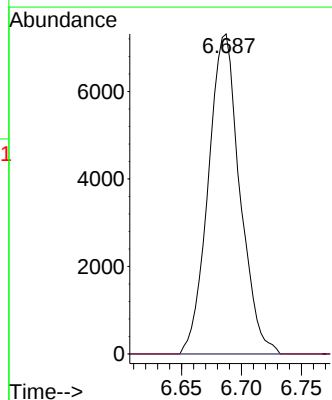
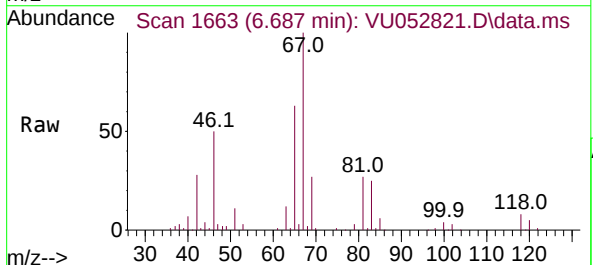
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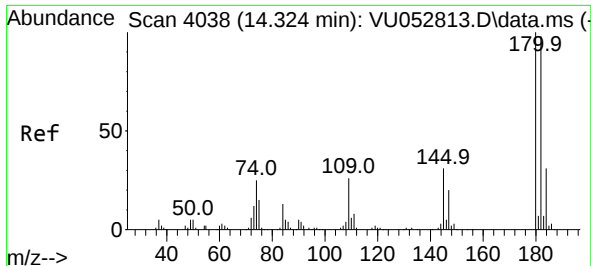
Tgt Ion: 83 Resp: 29375
Ion Ratio Lower Upper
83 100
55 0.1 57.1 85.7#
98 1.7 38.9 58.3#



#37
1,2-Dichloropropane
Concen: 6.120 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.097 min
Lab File: VU052821.D
Acq: 26 Jan 2023 17:15

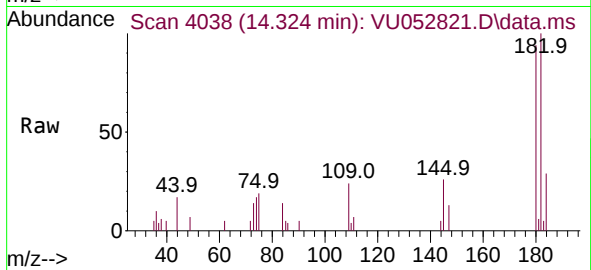
Tgt Ion: 63 Resp: 13398
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.746 ug/L
 RT: 14.324 min Scan# 4038
 Delta R.T. -0.000 min
 Lab File: VU052821.D
 Acq: 26 Jan 2023 17:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 4705

Ion	Ratio	Lower	Upper
180	100		
182	105.6	77.5	116.3
145	25.3	24.2	36.4

