

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032323\
 Data File : VU053381.D
 Acq On : 23 Mar 2023 20:03
 Operator : JC/MD
 Sample : 02037-09 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45F0

Quant Time: Mar 24 12:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

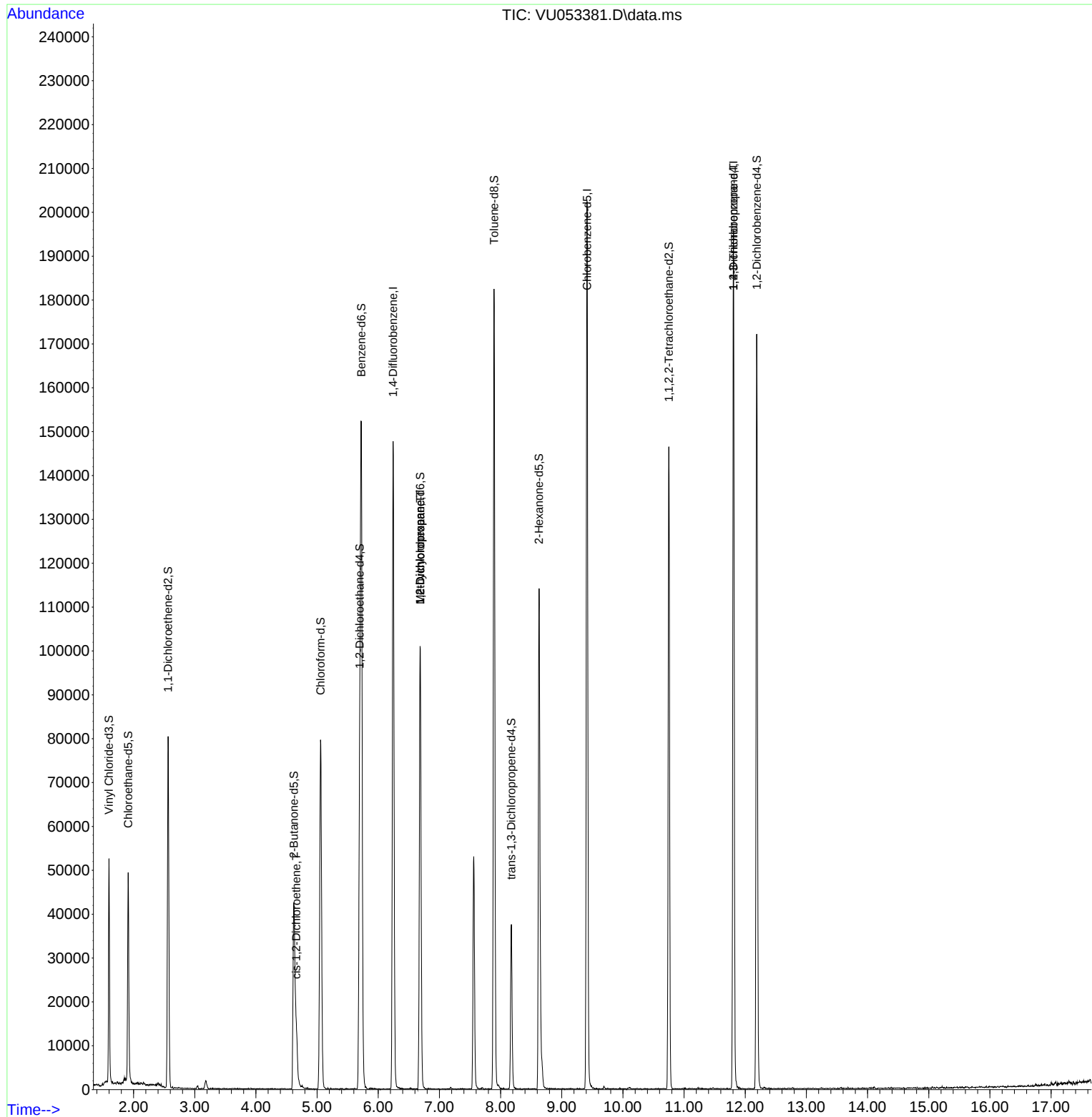
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	112485	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	49160	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35809	34.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.020%
7) Chloroethane-d5	1.912	69	34314	40.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.760%
11) 1,1-Dichloroethene-d2	2.565	63	47242	26.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.560%#
21) 2-Butanone-d5	4.620	46	63066	131.031	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.030%#
24) Chloroform-d	5.057	84	68968	40.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.700%
26) 1,2-Dichloroethane-d4	5.697	65	47910	45.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.260%
32) Benzene-d6	5.722	84	139289	40.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.540%
36) 1,2-Dichloropropane-d6	6.687	67	49538	44.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.740%
41) Toluene-d8	7.893	98	120203	37.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.640%#
43) trans-1,3-Dichloroprop...	8.176	79	21683	39.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.720%
47) 2-Hexanone-d5	8.629	63	40344	115.588	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.590%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71667	49.554	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.100%
66) 1,2-Dichlorobenzene-d4	12.188	152	42283	44.421	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.840%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.661	96	3977	4.040	ug/L	82
35) Methylcyclohexane	6.687	83	10756	6.365	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	5098	4.942	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	7400	7.575	ug/L #	70

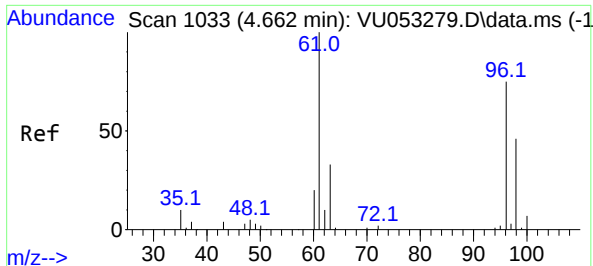
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 4.040 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

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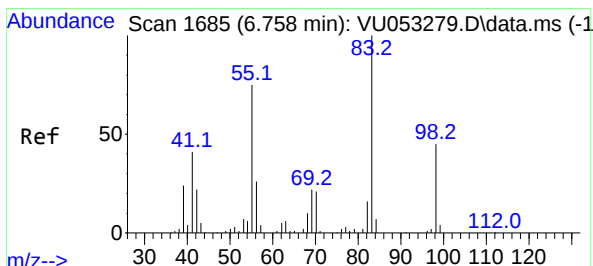
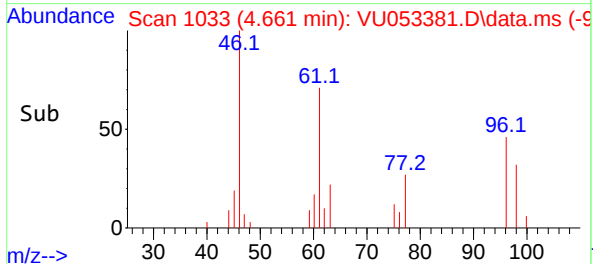
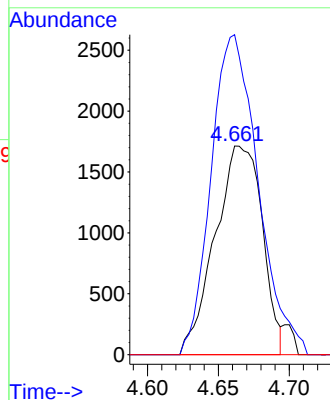
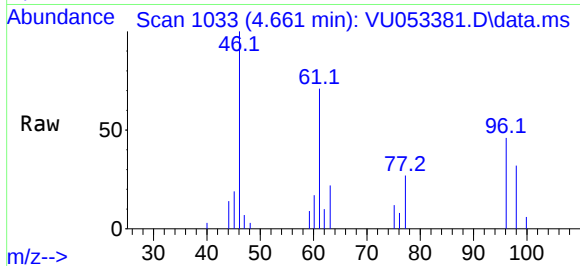
Tgt Ion: 96 Resp: 3977

Ion Ratio Lower Upper

96 100

61 153.3 92.5 171.7

68 0.0 0.0 0.0



#35

Methylcyclohexane

Concen: 6.365 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053381.D

Acq: 23 Mar 2023 20:03

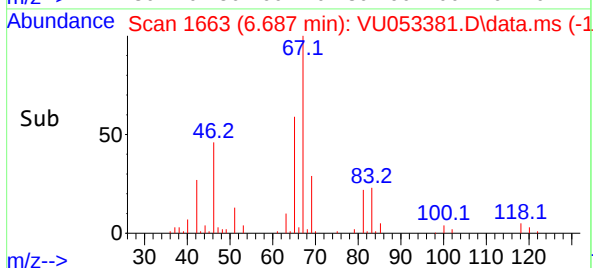
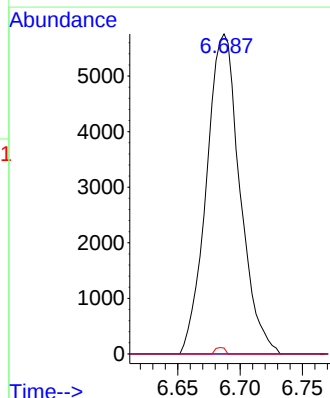
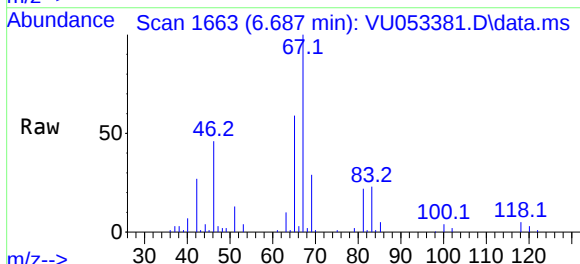
Tgt Ion: 83 Resp: 10756

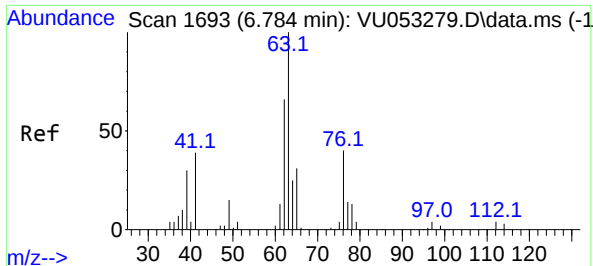
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.6 35.4 53.2#

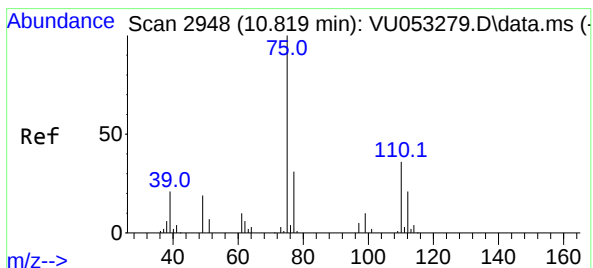
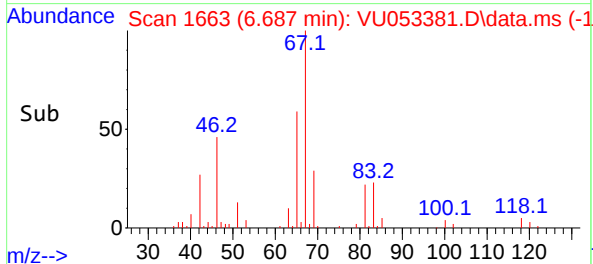
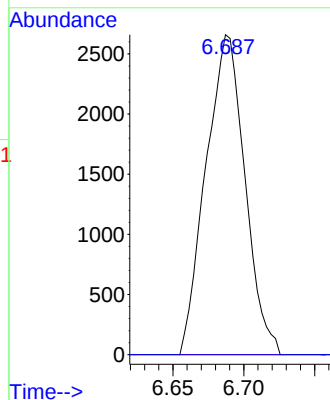
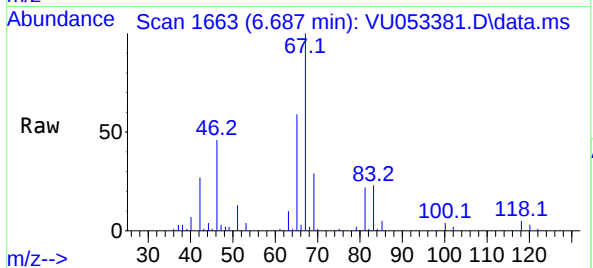




#37
1,2-Dichloropropane
Concen: 4.942 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.097 min
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 63 Resp: 5098
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#60
1,2,3-Trichloropropane
Concen: 7.575 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053381.D
Acq: 23 Mar 2023 20:03

Tgt Ion: 75 Resp: 7400
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0
110 2.4 28.6 42.8#

