

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053438.D
 Acq On : 28 Mar 2023 17:04
 Operator : JC/MD
 Sample : 02037-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45E9

Quant Time: Mar 29 01:13:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 01:10:06 2023
 Response via : Initial Calibration

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

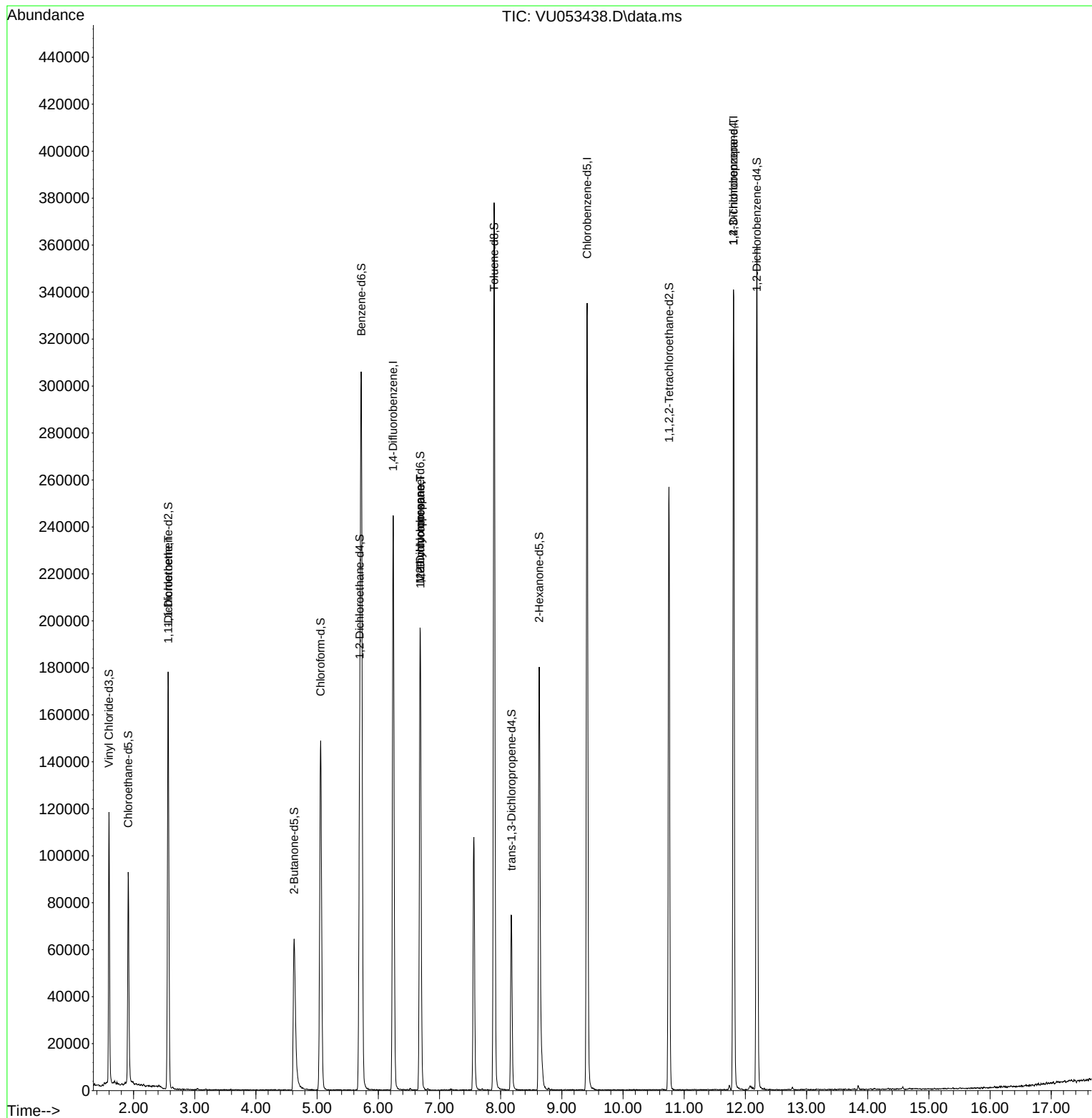
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	194639	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	182566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84095	46.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.660%
7) Chloroethane-d5	1.913	69	66649	45.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.780%
11) 1,1-Dichloroethene-d2	2.565	63	103065	33.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.260%
21) 2-Butanone-d5	4.623	46	106365	127.715	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.710%
24) Chloroform-d	5.057	84	132994	44.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.940%
26) 1,2-Dichloroethane-d4	5.697	65	89804	48.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.780%
32) Benzene-d6	5.723	84	277105	46.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.684	67	95729	50.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.180%
41) Toluene-d8	7.893	98	249877	45.323	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	8.176	79	42143	44.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.380%
47) 2-Hexanone-d5	8.629	63	60469	101.203	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	124608	50.331	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.660%
66) 1,2-Dichlorobenzene-d4	12.189	152	91794	54.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	819	0.573	ug/L #	1
35) Methylcyclohexane	6.684	83	20829	7.200	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	9739	5.515	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	11445	6.631	ug/L #	70

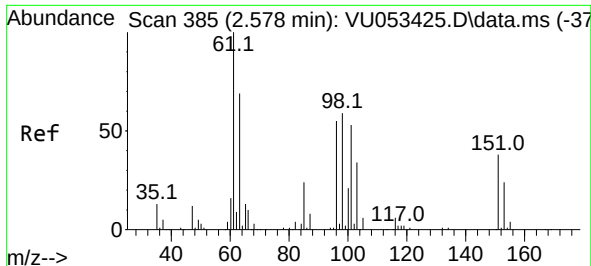
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.573 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.010 min

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MSVOA_U

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E45E9

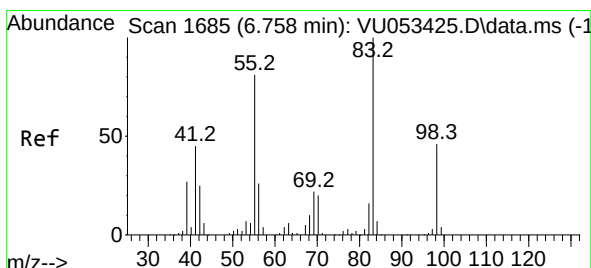
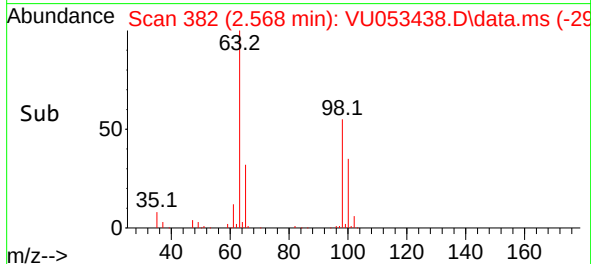
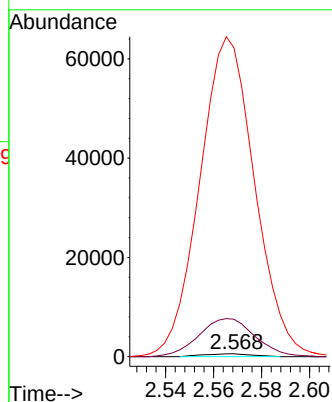
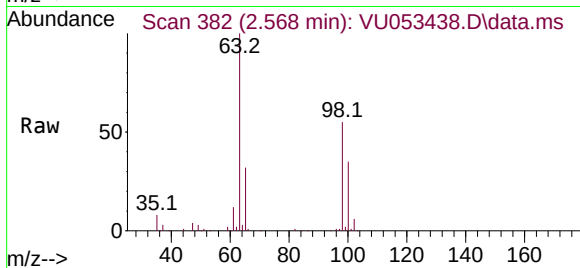
Tgt Ion: 96 Resp: 819

Ion Ratio Lower Upper

96 100

61 1325.8 122.2 226.9#

63 10941.3 89.9 166.9#



#35

Methylcyclohexane

Concen: 7.200 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.074 min

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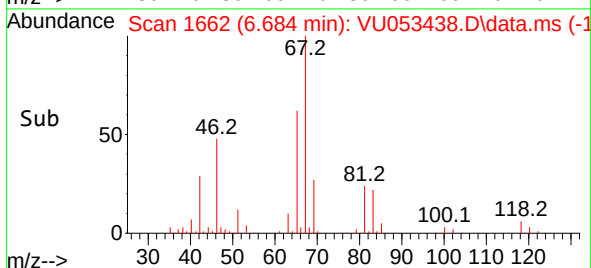
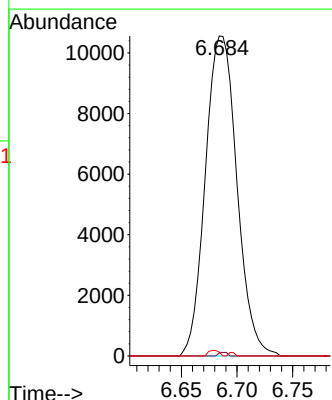
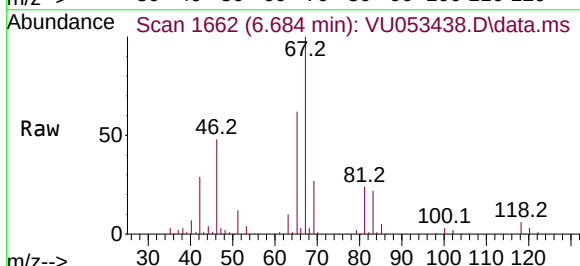
Tgt Ion: 83 Resp: 20829

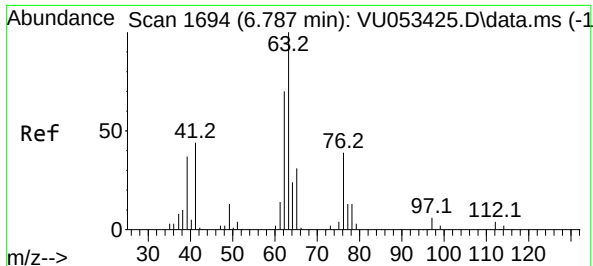
Ion Ratio Lower Upper

83 100

55 0.3 58.2 87.4#

98 0.2 35.4 53.2#

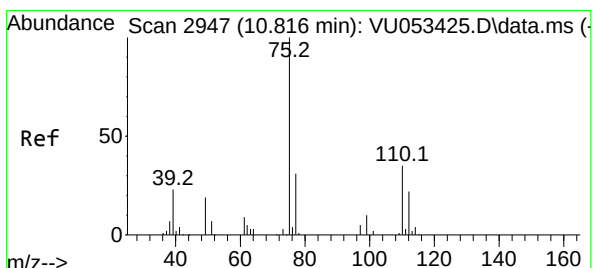
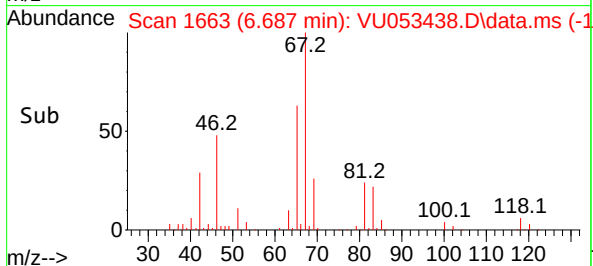
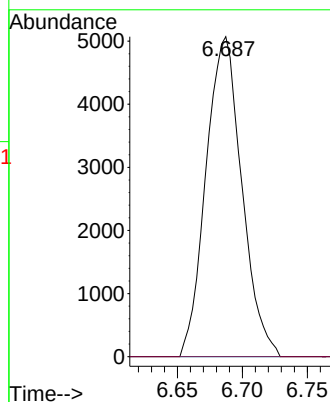
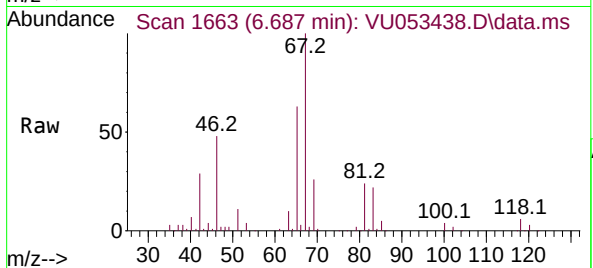




#37
1,2-Dichloropropane
Concen: 5.515 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
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E45E9

Tgt Ion: 63 Resp: 9739
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#60
1,2,3-Trichloropropane
Concen: 6.631 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053438.D
Acq: 28 Mar 2023 17:04

Tgt Ion: 75 Resp: 11445
Ion Ratio Lower Upper
75 100
77 32.9 26.6 40.0
110 2.1 28.6 42.8#

