

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054092.D
 Acq On : 08 May 2023 19:52
 Operator : JC/MD
 Sample : 02663-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 04:40:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

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

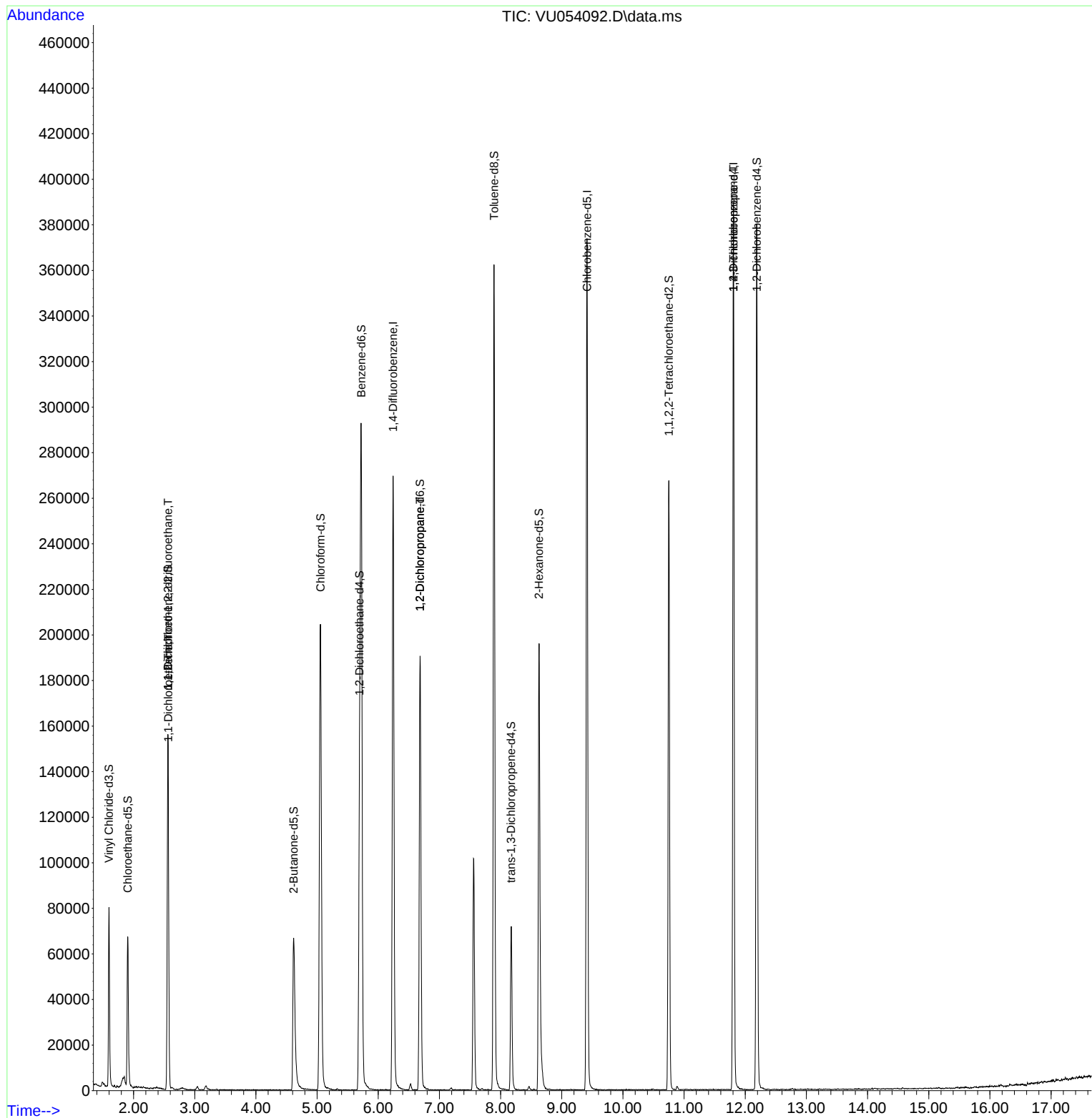
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	225928	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	212848	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	106489	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60896	35.638	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.280%		
7) Chloroethane-d5	1.906	69	54175	48.300	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.600%		
11) 1,1-Dichloroethene-d2	2.562	63	93050	30.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.400%		
21) 2-Butanone-d5	4.616	46	102035	104.700	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.700%		
24) Chloroform-d	5.057	84	141252	45.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.020%		
26) 1,2-Dichloroethane-d4	5.694	65	96234	47.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.520%		
32) Benzene-d6	5.722	84	277879	44.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.700%		
36) 1,2-Dichloropropane-d6	6.684	67	90999	46.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.020%		
41) Toluene-d8	7.893	98	244622	43.247	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.500%		
43) trans-1,3-Dichloroprop...	8.172	79	42904	43.833	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.660%		
47) 2-Hexanone-d5	8.629	63	64912	91.630	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.630%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128684	49.394	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.780%		
66) 1,2-Dichlorobenzene-d4	12.188	152	101894	48.980	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.960%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1006	0.665	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	830	0.633	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	10070	5.745	ug/L #	87
60) 1,2,3-Trichloropropane	11.806	75	11414	5.770	ug/L #	66

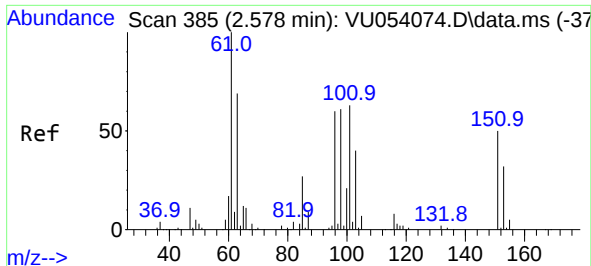
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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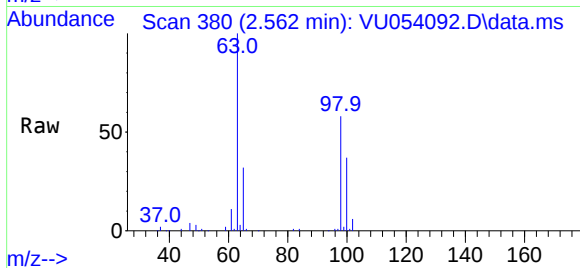
Quant Time: May 09 04:40:43 2023
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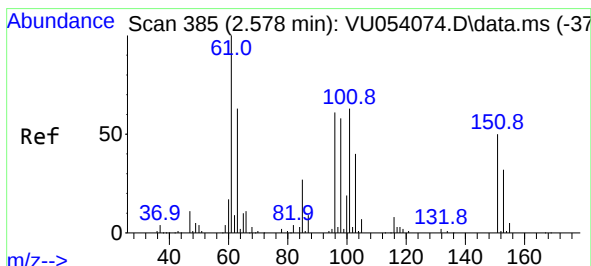
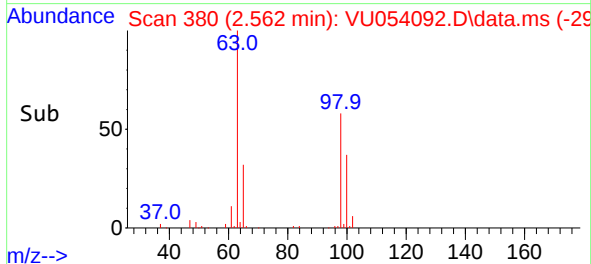
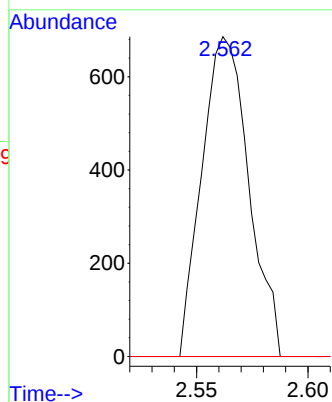


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.665 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU054092.D
 Acq: 08 May 2023 19:52

Instrument :
 MSVOA_U
 ClientSampleId :

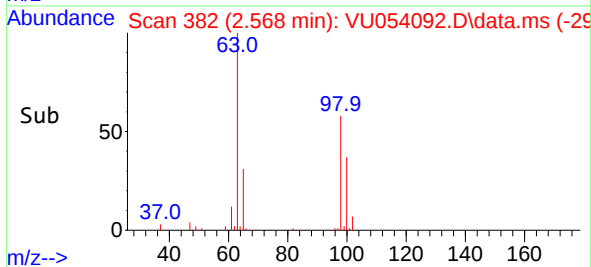
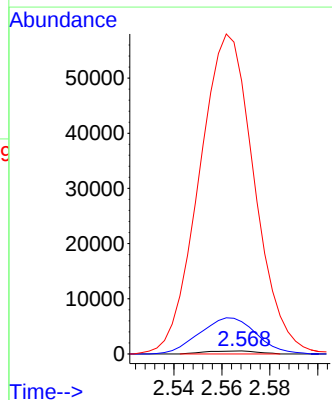
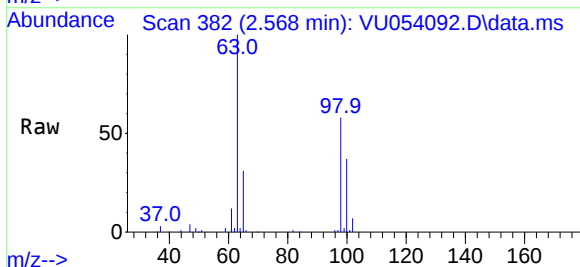


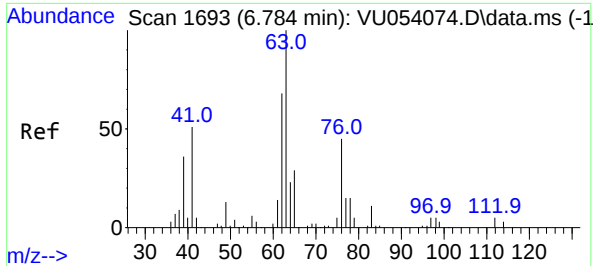
Tgt Ion:101 Resp: 1006
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.3 51.5#
 151 0.0 60.3 90.5#



#12
 1,1-Dichloroethene
 Concen: 0.633 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU054092.D
 Acq: 08 May 2023 19:52

Tgt Ion: 96 Resp: 830
 Ion Ratio Lower Upper
 96 100
 61 1057.1 118.3 219.7#
 63 8916.8 92.3 171.5#

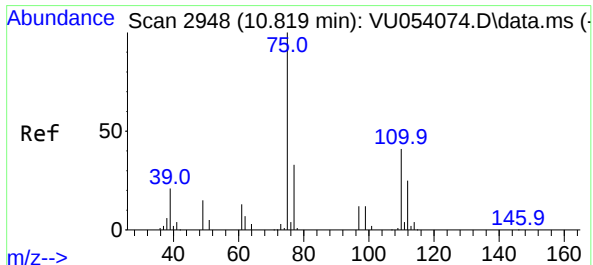
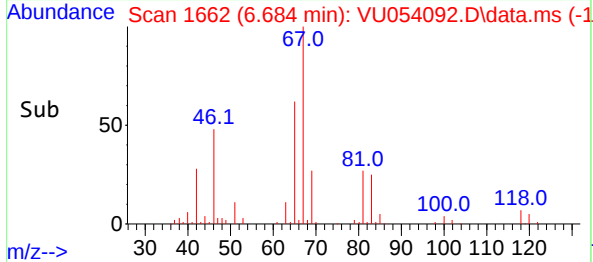
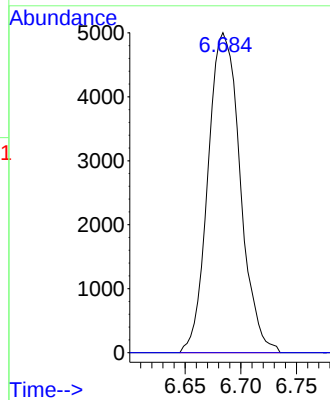
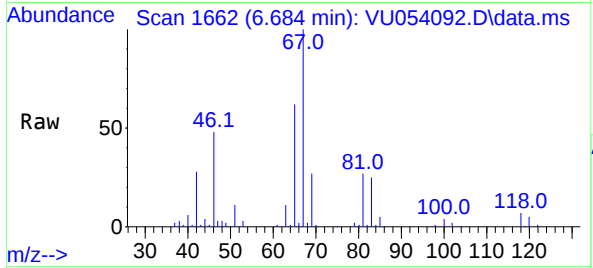




#37
1,2-Dichloropropane
Concen: 5.745 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054092.D
Acq: 08 May 2023 19:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 10070
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#60
1,2,3-Trichloropropane
Concen: 5.770 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054092.D
Acq: 08 May 2023 19:52

Tgt Ion: 75 Resp: 11414
Ion Ratio Lower Upper
75 100
77 32.8 26.0 39.0
110 2.0 31.8 47.8#

