

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032123\  
 Data File : VU053316.D  
 Acq On : 21 Mar 2023 12:07  
 Operator : JC/MD  
 Sample : 01929-23  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK001

Quant Time: Mar 22 03:09:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 22 03:08:43 2023  
 Response via : Initial Calibration

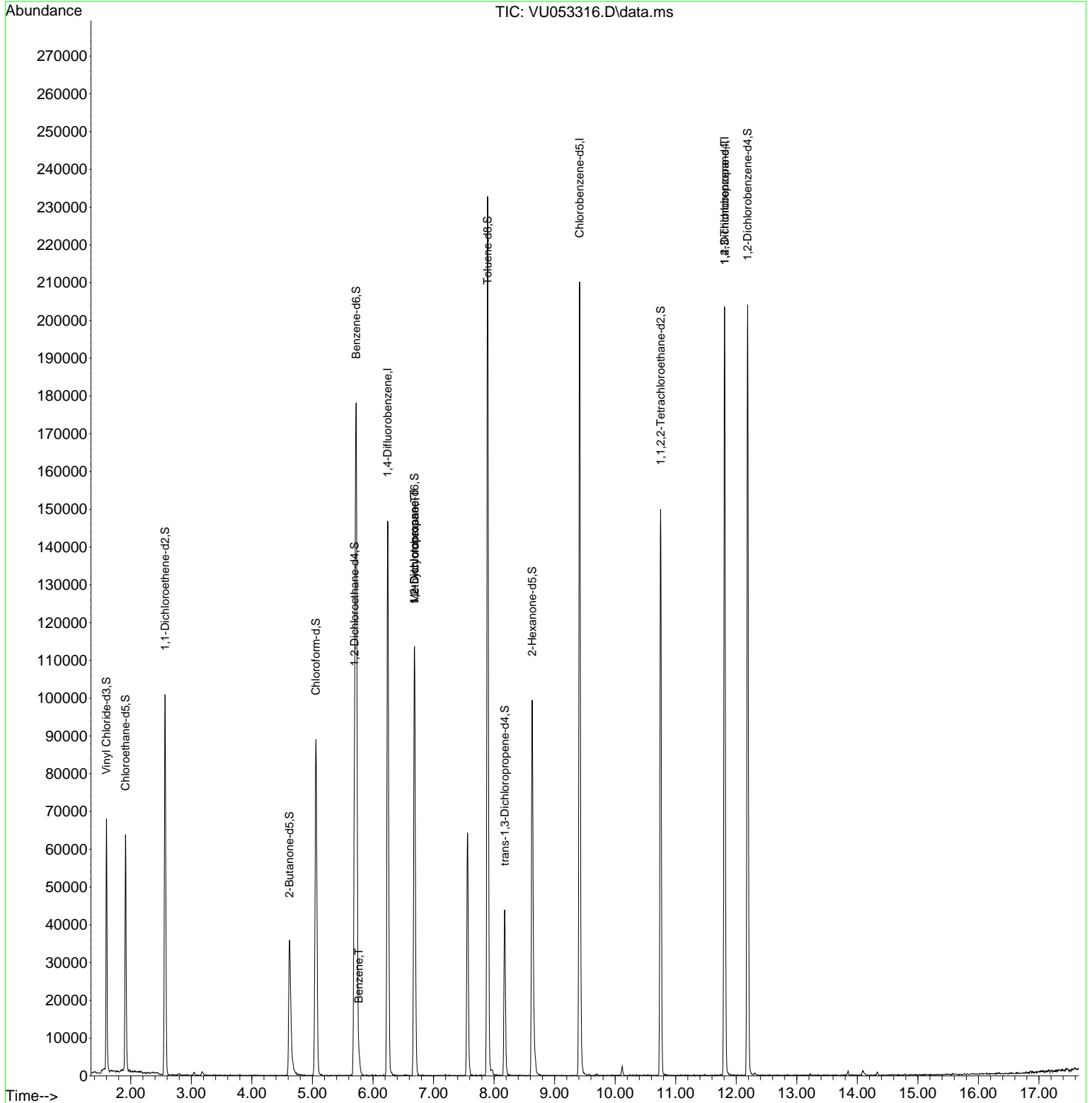
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	115164	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	108238	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	49248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46097	43.387	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	86.780%		
7) Chloroethane-d5	1.912	69	43544	50.668	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery =	101.340%		
11) 1,1-Dichloroethene-d2	2.565	63	59642	32.405	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	64.820%		
21) 2-Butanone-d5	4.620	46	56084	113.814	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	113.810%		
24) Chloroform-d	5.057	84	77870	44.499	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	89.000%		
26) 1,2-Dichloroethane-d4	5.697	65	54454	50.106	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	100.220%		
32) Benzene-d6	5.722	84	166925	47.547	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	95.100%		
36) 1,2-Dichloropropane-d6	6.684	67	55974	49.400	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	98.800%		
41) Toluene-d8	7.893	98	153008	46.811	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	93.620%		
43) trans-1,3-Dichloroprop...	8.176	79	25575	45.748	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	91.500%		
47) 2-Hexanone-d5	8.629	63	35938	101.451	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery =	101.450%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71942	49.013	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	98.020%		
66) 1,2-Dichlorobenzene-d4	12.188	152	48659	51.028	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	102.060%		
Target Compounds						
33) Benzene	5.767	78	3807	1.015	ug/L	100
35) Methylcyclohexane	6.687	83	11955	6.970	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	5627	5.375	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	7734	7.903	ug/L #	67

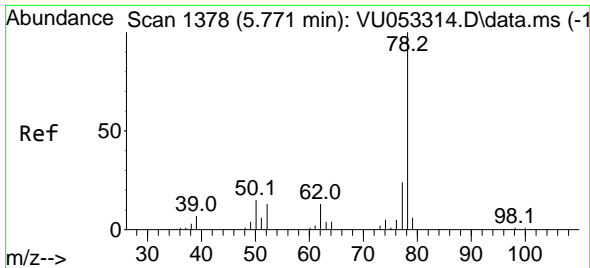
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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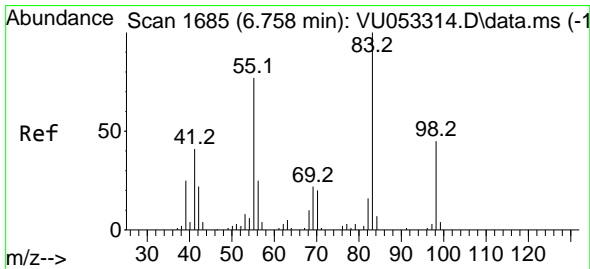
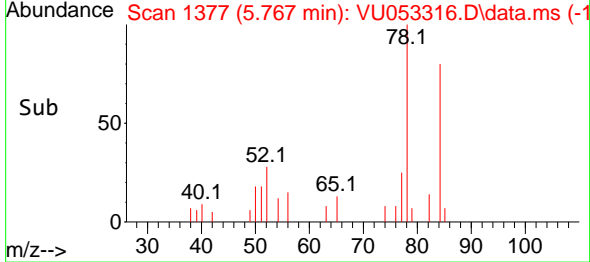
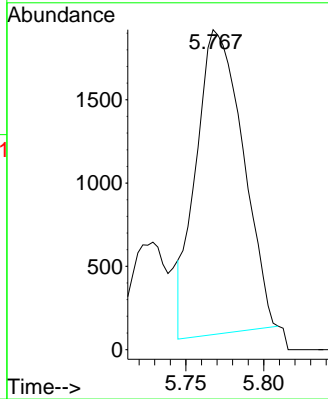
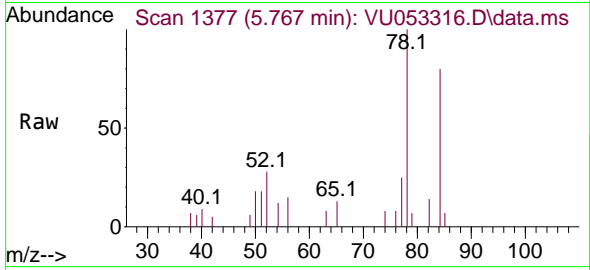




#33  
Benzene  
Concen: 1.015 ug/L  
RT: 5.767 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU053316.D  
Acq: 21 Mar 2023 12:07

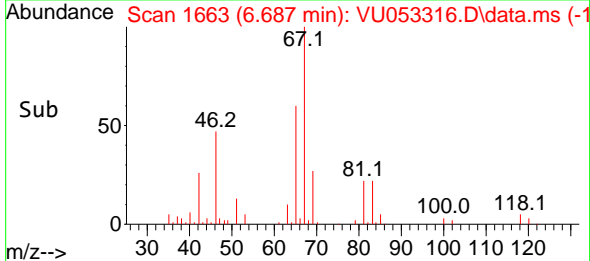
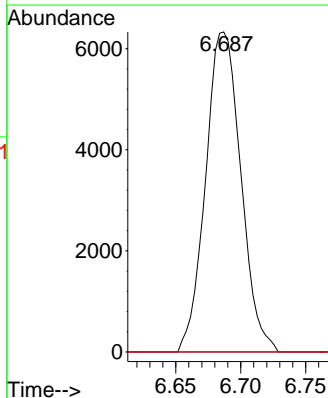
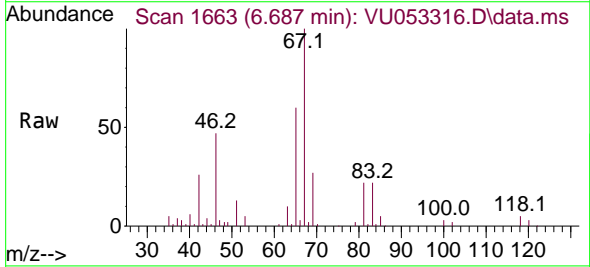
Instrument : MSVOA\_U  
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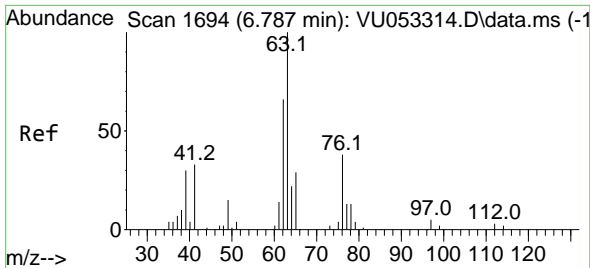
Tgt Ion: 78 Resp: 3807



#35  
Methylcyclohexane  
Concen: 6.970 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.071 min  
Lab File: VU053316.D  
Acq: 21 Mar 2023 12:07

Tgt Ion: 83 Resp: 11955  
Ion Ratio Lower Upper  
83 100  
55 0.0 58.2 87.4#  
98 0.0 35.4 53.2#

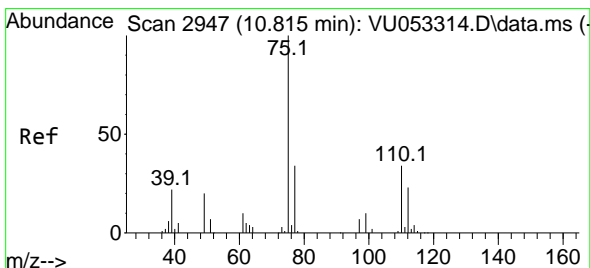
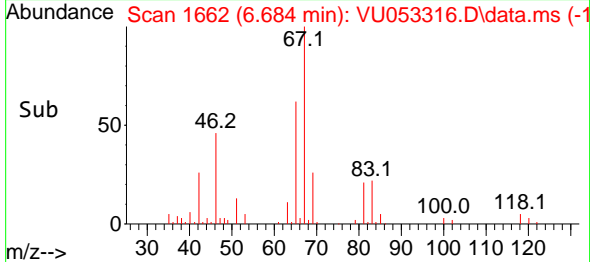
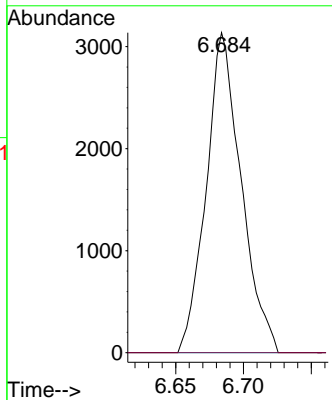
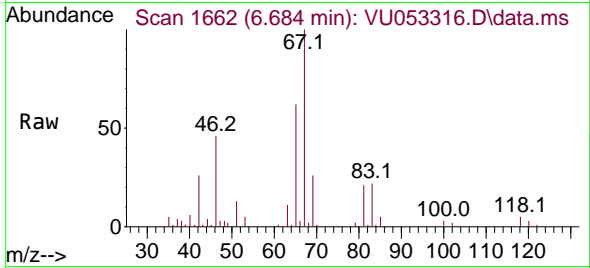




#37  
 1,2-Dichloropropane  
 Concen: 5.375 ug/L  
 RT: 6.684 min Scan# 1  
 Delta R.T. -0.103 min  
 Lab File: VU053316.D  
 Acq: 21 Mar 2023 12:07

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Tgt Ion: 63 Resp: 5627  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 2.6 3.8#



#60  
 1,2,3-Trichloropropane  
 Concen: 7.903 ug/L  
 RT: 11.809 min Scan# 3256  
 Delta R.T. 0.993 min  
 Lab File: VU053316.D  
 Acq: 21 Mar 2023 12:07

Tgt Ion: 75 Resp: 7734  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 26.6 40.0  
 110 0.5 28.6 42.8#

