

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048016.D
 Acq On : 13 Apr 2022 20:03
 Operator : SY/MD
 Sample : N2316-06ME
 Misc : 6.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ4ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 03:11:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	234109	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	251898	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	146258	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	171399	100.961	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 201.920%#			
7) Chloroethane-d5	1.870	69	82272m	61.460	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.920%			
11) 1,1-Dichloroethene-d2	2.536	63	233288	75.108	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 150.220%#			
21) 2-Butanone-d5	4.632	46	344672	236.538	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 236.540%#			
24) Chloroform-d	5.060	84	343243	110.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 221.000%#			
26) 1,2-Dichloroethane-d4	5.700	65	227599	119.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 238.920%#			
32) Benzene-d6	5.722	84	725311	114.430	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 228.860%#			
36) 1,2-Dichloropropane-d6	6.690	67	236675	121.584	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 243.160%#			
41) Toluene-d8	7.899	98	665891	107.827	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 215.660%#			
43) trans-1,3-Dichloroprop...	8.182	79	103916	105.372	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 210.740%#			
47) 2-Hexanone-d5	8.648	63	288954	253.571	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 253.570%#			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	398303	119.227	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 238.460%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	309940	119.113	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 238.220%#			
Target Compounds					Qvalue	
33) Benzene	5.771	78	33271	4.563	ug/L	100
42) Toluene	7.970	91	19806	2.476	ug/L	91
51) Chlorobenzene	9.452	112	1166782	214.795	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	4134	0.908	ug/L	97

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

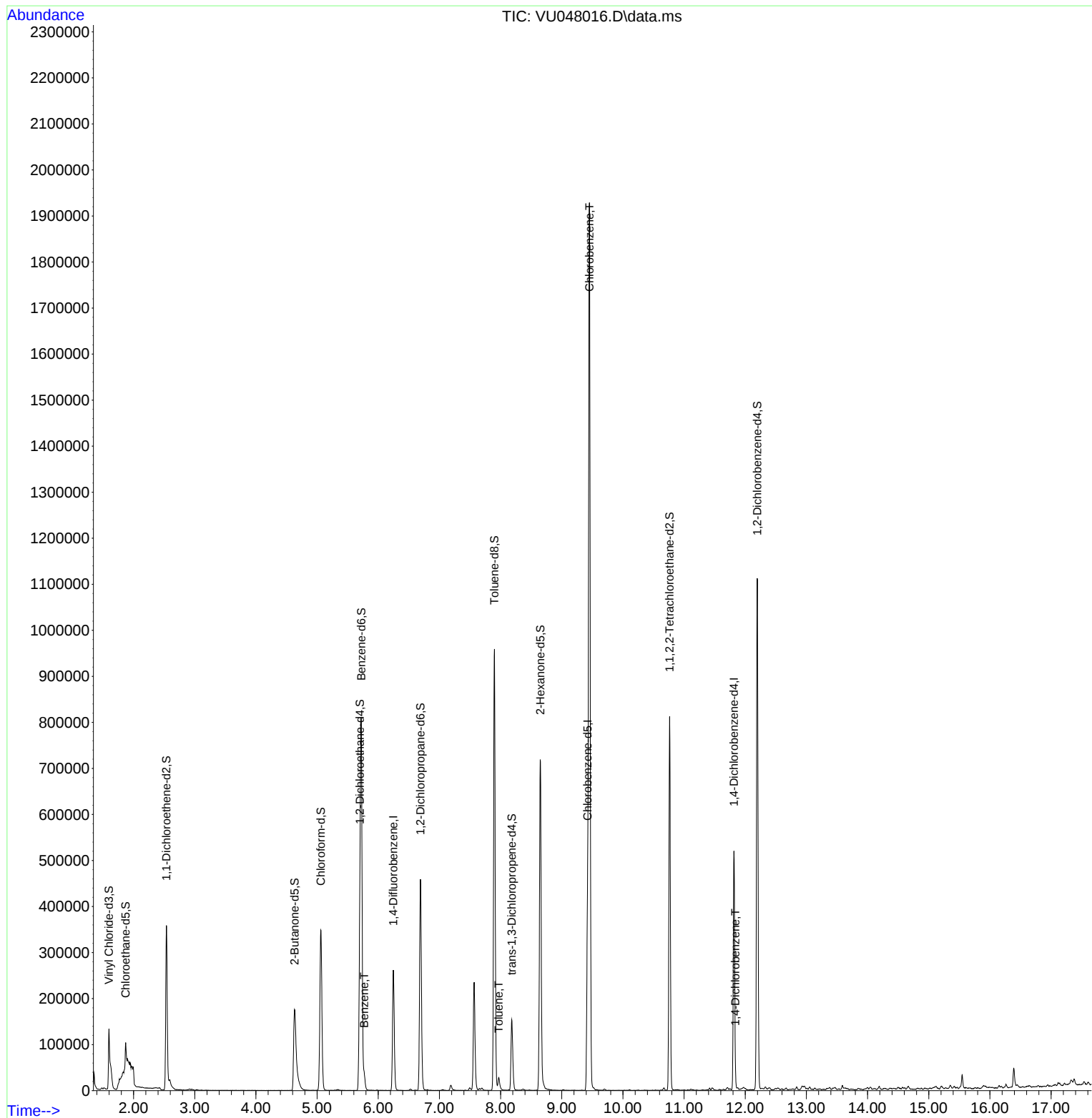
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048016.D
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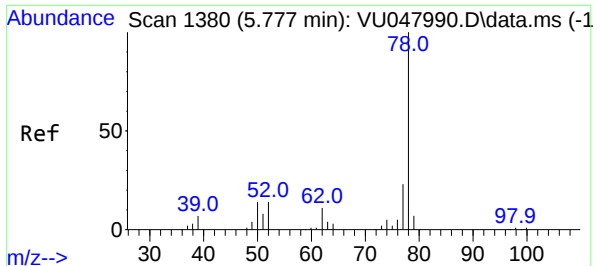
Instrument :
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Quant Time: Apr 14 03:11:24 2022
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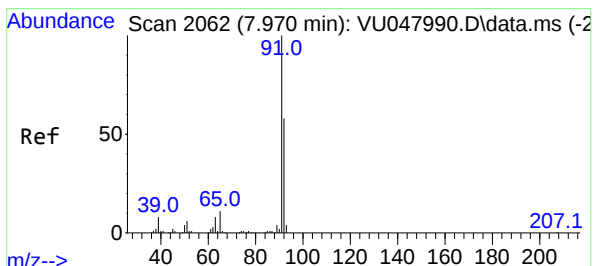
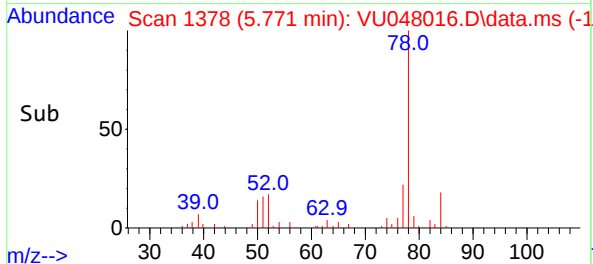
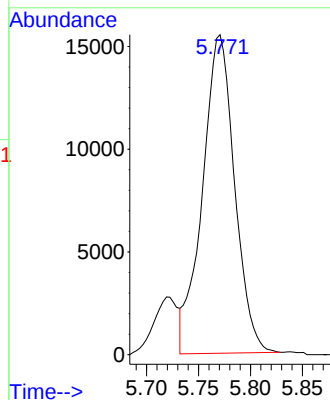
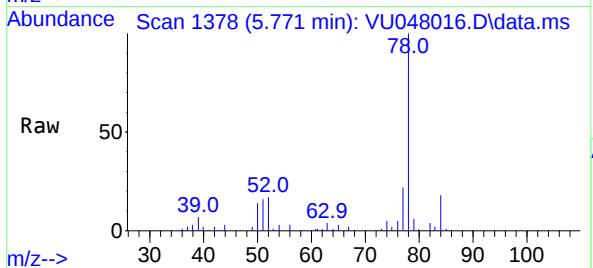
#33
Benzene
Concen: 4.563 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU048016.D
Acq: 13 Apr 2022 20:03

Instrument :
MSVOA_U
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Tgt Ion: 78 Resp: 3327

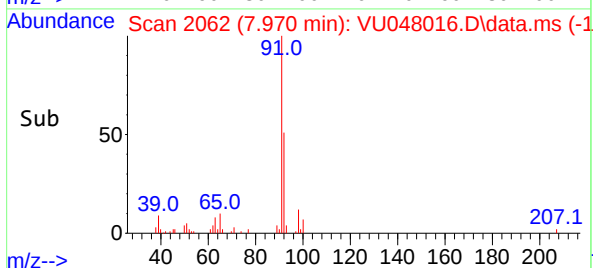
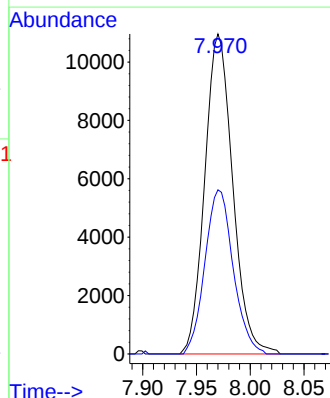
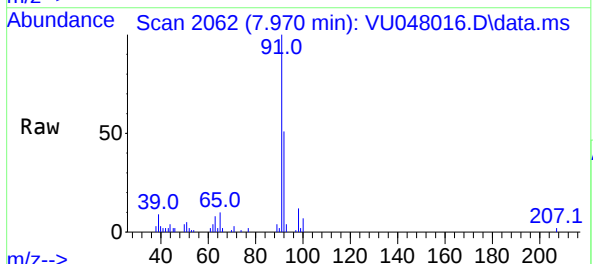
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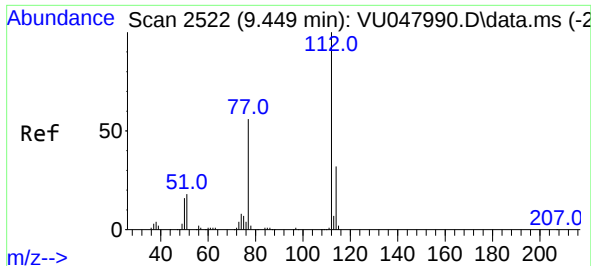
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#42
Toluene
Concen: 2.476 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048016.D
Acq: 13 Apr 2022 20:03

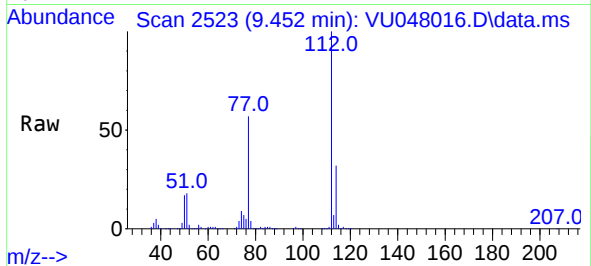
Tgt Ion: 91 Resp: 19806
Ion Ratio Lower Upper
91 100
92 51.3 40.4 75.0





#51
Chlorobenzene
Concen: 214.795 ug/L
RT: 9.452 min Scan# 2116678
Delta R.T. 0.003 min
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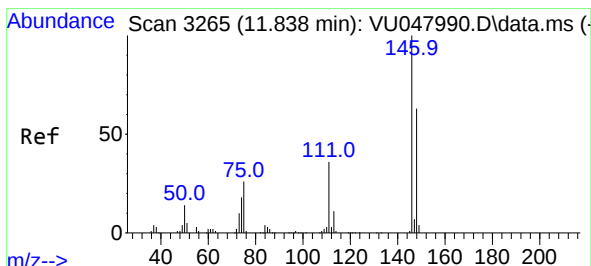
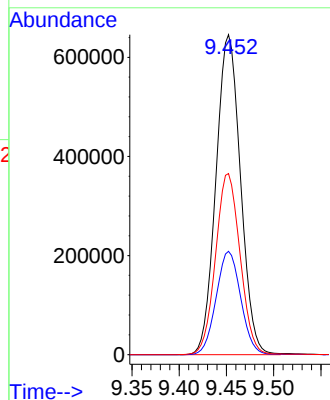
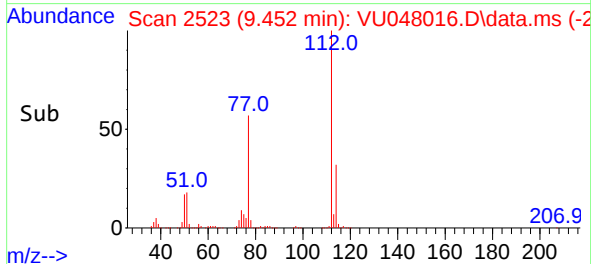
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Tgt Ion:112 Resp: 116678
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 56.6 43.4 65.0

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#65
1,4-Dichlorobenzene
Concen: 0.908 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048016.D
Acq: 13 Apr 2022 20:03

Tgt Ion:146 Resp: 4134
Ion Ratio Lower Upper
146 100
111 36.2 25.3 47.1
148 59.6 44.5 82.7

