Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048001.D
Acq On : 13 Apr 2022 14:16
Operator : SY/MD
Sample : N2293-22ME
Misc : 6.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5ME

Quant Time: Apr 14 03:08:24 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

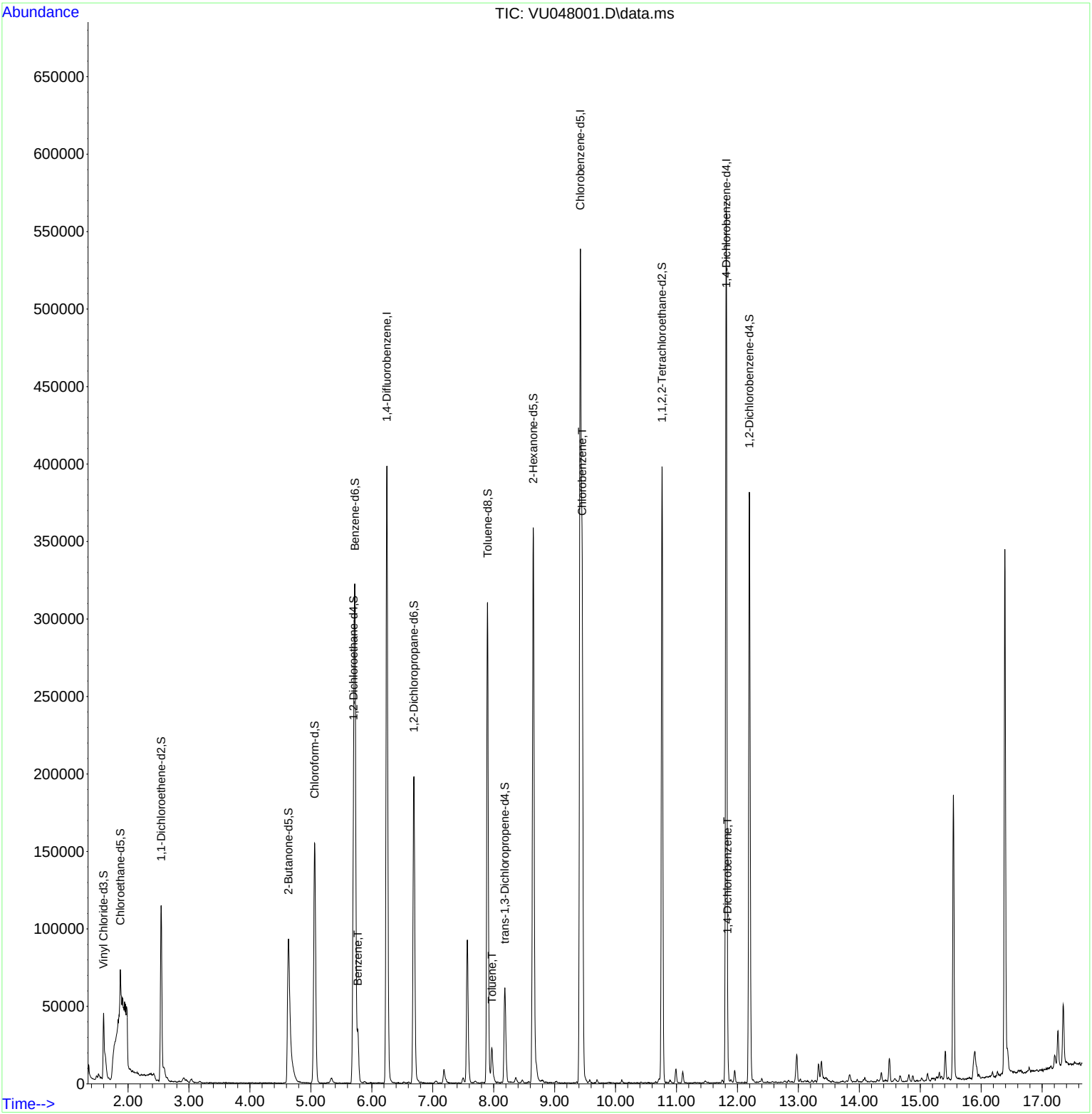
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	353221	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	342980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	160207	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51971	20.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	40.580%#		
7) Chloroethane-d5	1.874	69	32487	16.085	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	32.180%#		
11) 1,1-Dichloroethene-d2	2.543	63	71412	15.238	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	30.480%#		
21) 2-Butanone-d5	4.633	46	182249	82.896	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.900%		
24) Chloroform-d	5.060	84	152793	32.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	65.200%#		
26) 1,2-Dichloroethane-d4	5.700	65	105913	36.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.700%		
32) Benzene-d6	5.723	84	280012	32.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.900%#		
36) 1,2-Dichloropropane-d6	6.691	67	102881	38.816	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.640%		
41) Toluene-d8	7.899	98	220930	26.275	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	52.540%#		
43) trans-1,3-Dichloroprop...	8.182	79	42001	31.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.560%		
47) 2-Hexanone-d5	8.649	63	142577	91.892	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.890%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197358	43.388	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.780%		
66) 1,2-Dichlorobenzene-d4	12.195	152	105001	36.839	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.680%#		
Target Compounds						Qvalue
33) Benzene	5.771	78	33470	3.371	ug/L	100
42) Toluene	7.970	91	15718	1.443	ug/L	98
51) Chlorobenzene	9.453	112	192197	25.986	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	4818	0.967	ug/L	93

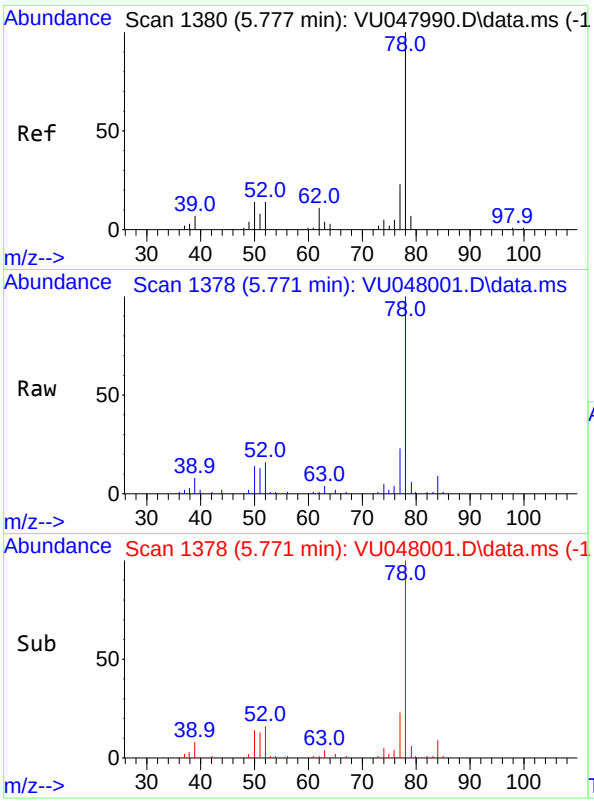
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048001.D
Acq On : 13 Apr 2022 14:16
Operator : SY/MD
Sample : N2293-22ME
Misc : 6.42g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5ME

Quant Time: Apr 14 03:08:24 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

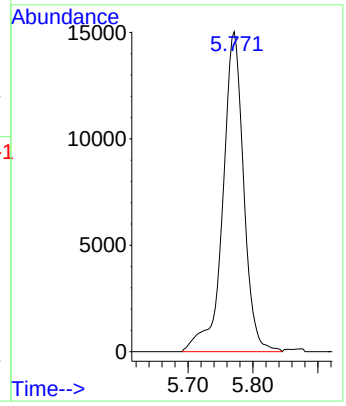


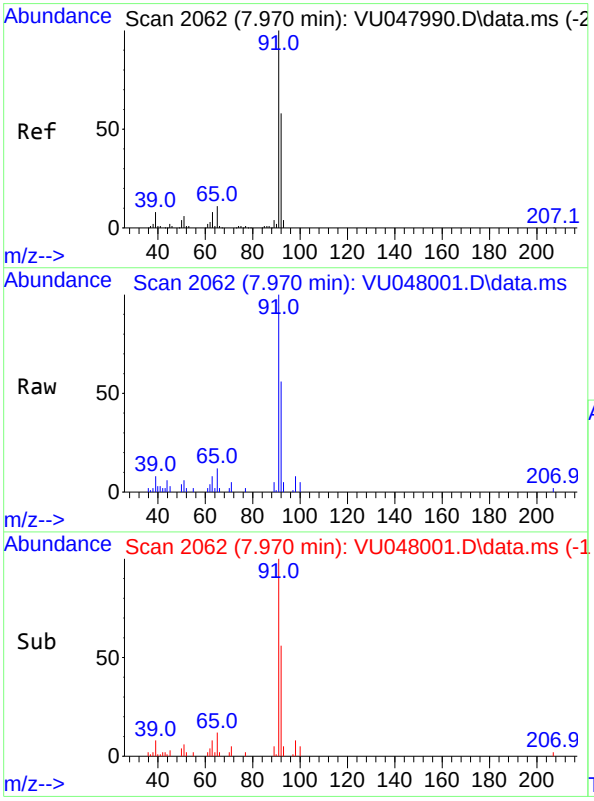


#33
Benzene
Concen: 3.371 ug/L
RT: 5.771 min Scan# 1
Delta R.T. -0.006 min
Lab File: VU048001.D
Acq: 13 Apr 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5ME

Tgt Ion: 78 Resp: 33470

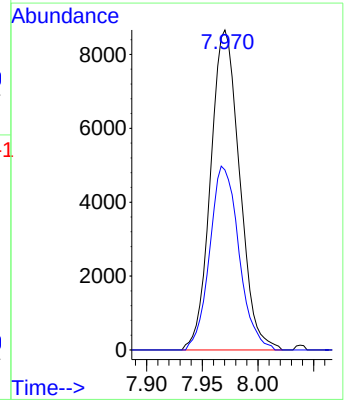


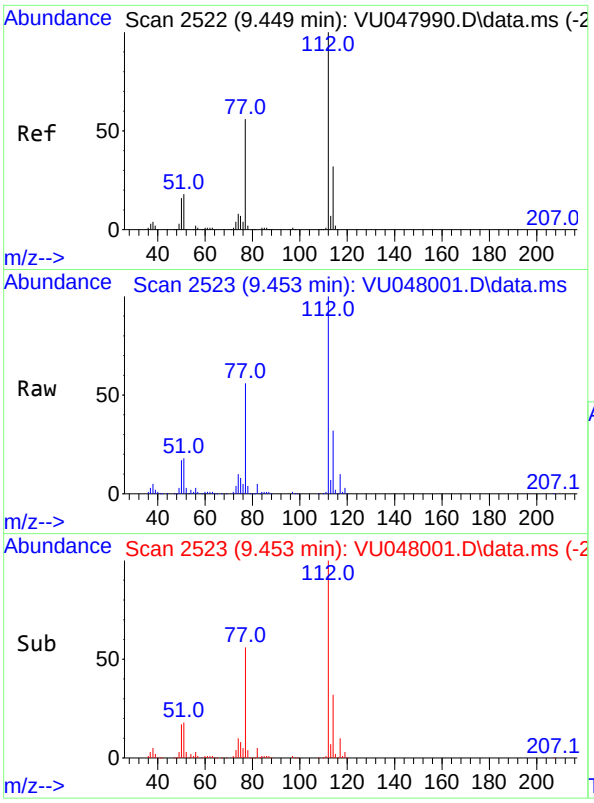


#42
Toluene
Concen: 1.443 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048001.D
Acq: 13 Apr 2022 14:16

Tgt Ion: 91 Resp: 15718

Ion	Ratio	Lower	Upper
91	100		
92	56.3	40.4	75.0



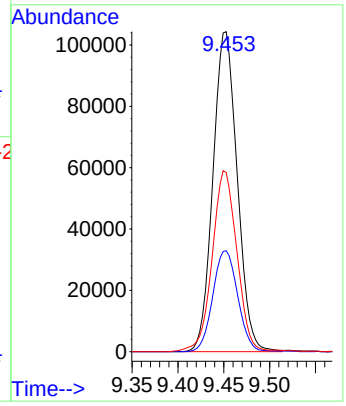


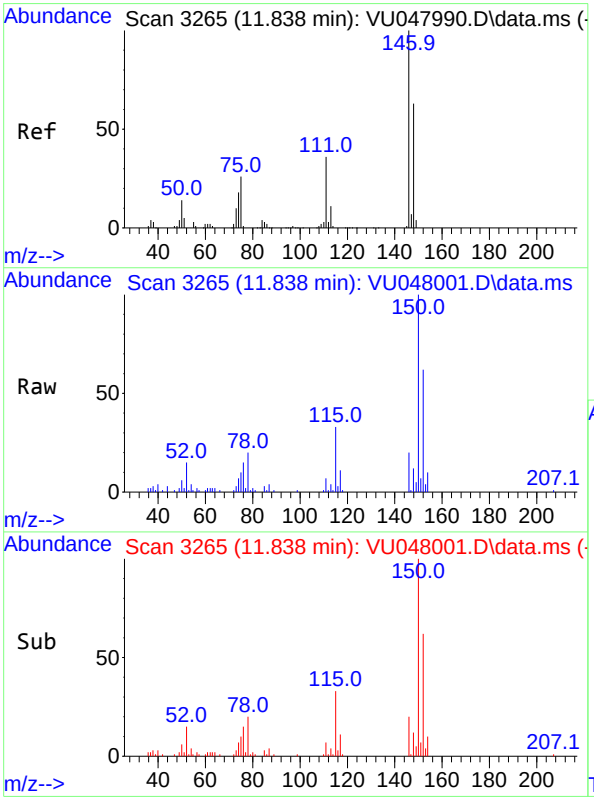
#51
Chlorobenzene
Concen: 25.986 ug/L
RT: 9.453 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU048001.D
Acq: 13 Apr 2022 14:16

Instrument :
MSVOA_U
ClientSampleId :
ETNQ5ME

Tgt Ion:112 Resp: 192197

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.1	41.1
77	56.0	43.4	65.0





#65
1,4-Dichlorobenzene
Concen: 0.967 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048001.D
Acq: 13 Apr 2022 14:16

Tgt Ion:146 Resp: 4818

Ion	Ratio	Lower	Upper
146	100		
111	33.1	25.3	47.1
148	57.5	44.5	82.7